

IUGG 99

birmingham

assembly
registrants

XXII
General Assembly
19 - 30 July 1999



international union of
geodesy and geophysics

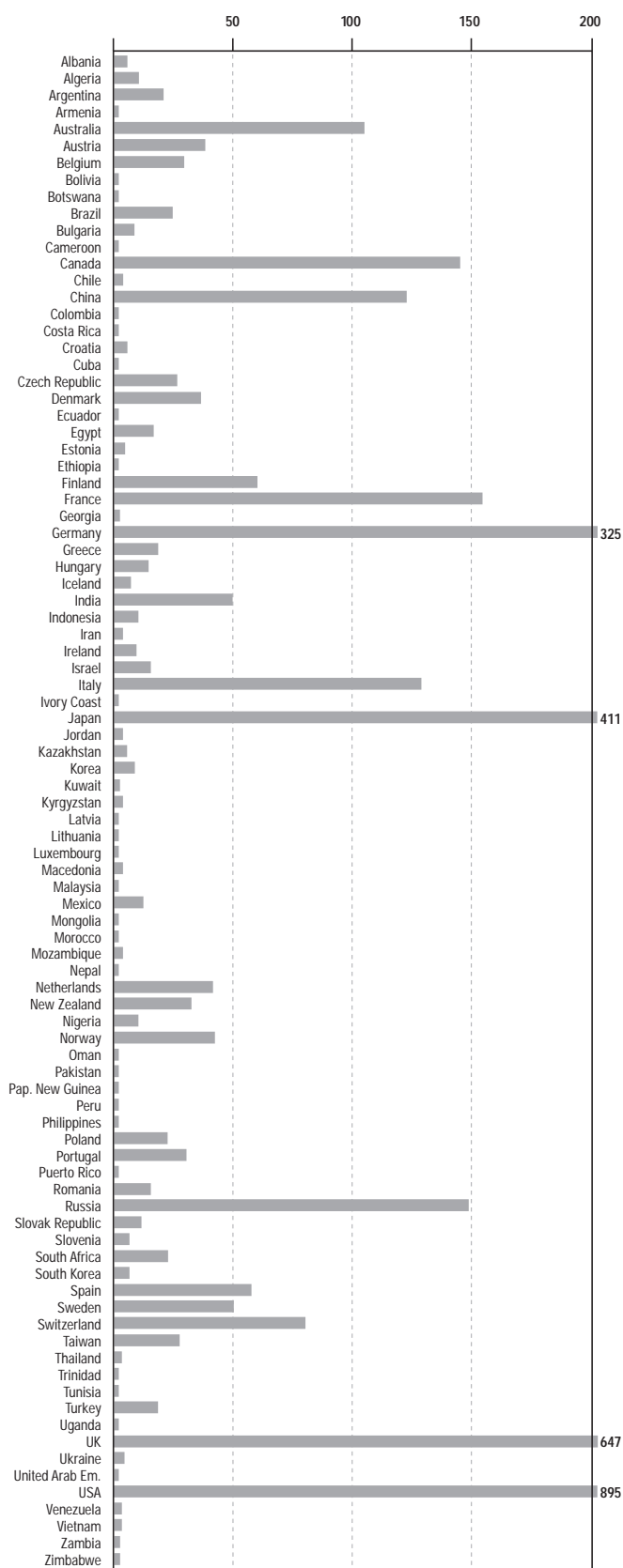
PART III

ASSEMBLY REGISTRANTS

PART III: Assembly Registrants

Assembly Registration by Country	1
Assembly Registration by Association	2
List of Registrants	3

ASSEMBLY REGISTRATION BY COUNTRY

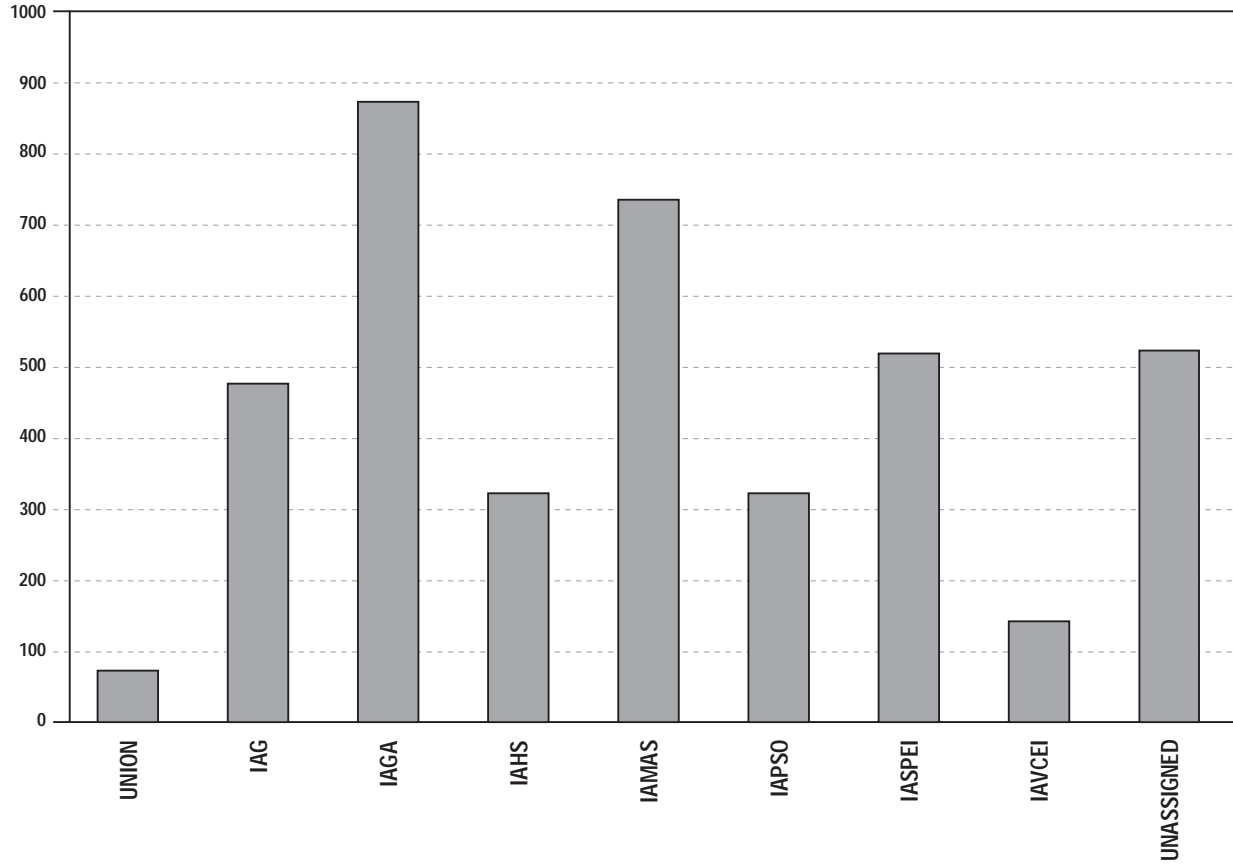


Albania	5	Morocco	1
Algeria	10	Mozambique	2
Argentina	20	Nepal	1
Armenia	1	Netherlands	41
Australia	105	New Zealand	33
Austria	38	Nigeria	10
Belgium	29	Norway	42
Bolivia	1	Oman	1
Botswana	1	Pakistan	1
Brazil	29	Pap. New Guinea	1
Bulgaria	8	Peru	1
Cameroon	1	Philippines	1
Canada	145	Poland	23
Chile	4	Portugal	30
China	124	Puerto Rico	1
Colombia	1	Romania	15
Costa Rica	1	Russia	149
Croatia	5	Slovak Republic	11
Cuba	1	Slovenia	6
Czech Republic	26	South Africa	23
Denmark	37	South Korea	6
Ecuador	1	Spain	57
Egypt	16	Sweden	50
Estonia	4	Switzerland	80
Ethiopia	1	Taiwan	27
Finland	52	Thailand	3
France	159	Trinidad	1
Georgia	2	Tunisia	1
Germany	325	Turkey	18
Greece	17	Uganda	1
Hungary	14	UK	647
Iceland	7	Ukraine	4
India	50	United Arab Em.	1
Indonesia	10	USA	895
Iran	3	Venezuela	3
Ireland	9	Vietnam	3
Israel	15	Zambia	2
Italy	128	Zimbabwe	2
Ivory Coast	1		
Japan	411		
Jordan	3		
Kazakhstan	5		
Korea	8		
Kuwait	2		
Kyrgyzstan	3		
Latvia	1		
Lithuania	1		
Luxembourg	1		
Macedonia	2		
Malaysia	1		
Mexico	13		
Mongolia	1		

Attendance of the 22nd General Assembly of IUGG 1999, by Country

ASSEMBLY REGISTRATION BY ASSOCIATION

Affiliations of Registrants at 22nd General Assembly



UNION	74
IAG	478
IAGA	875
IAHS	335
IAMAS	749
IAPSO	332
IASPEI	527
IAVCEI	150
Unassigned	532
<hr/>	
Total Scientific Registrants:	4052
Accompanying People:	232

LIST OF REGISTRANTS

AARO, Dr Sven Geological Survey of Sweden Box 670, Uppsala, S 75128, Sweden +46 18 179345 +46 18 179210 sven.aaro@sgu.se	IAG/IAGA	ABTOUT, Dr Abdeslam C.R.A.A.G. Bp 63 Bouzareah, Alger, 16340, Algeria 213 290 44 55 213 290 44 58 hamza68@hotmail.com	IAG	ADLER, Robert NASA/GSFC Code 912, Greenbelt, Maryland, 20771, USA 301 614 6290 301 614 5492 adler@agnes.gsfc.nasa.gov	IAMAS	AKINS, Mr Joseph Caltech Mc 170-25, Caltech, Pasadena, CA, 91125, USA 626-395-6982 jakins@gps.caltech.edu	IASPEI
AAS, Mr Eyvind University of Oslo Department of Geophysics, P.O. Box 1022, Blindern, Oslo, N-0315, Norway 47 22 85 58 23 47 22 85 52 69 eyvind.aas@geofysikk.uio.no	IAPSO	ABU, Samad Department Of Survey & Mapping Kuala Lumpur, 50578, Malaysia 03 292 9930 samadabu@jupen.gov.my	IAG	AFILHADO, Alexandra CGUL/ISEL R. Escola Politecnica 58, Lisboa, 1250, Portugal 351 1 392 1898 ammga@fc.ul.pt	UNION	AKITOMO, Dr Kazunori Kyoto University Dept. of Geophysics, Graduate School of Science, Kyoto, 606 8502, Japan 81 75 753 3923 81 75 753 3928 akitomo@kugi.kyoto.ac.jp	IAPSO
ABAM, Dr Kingdom Niger Delta Env. Survey 20 Marina Street, Lagos, Nigeria +234 1 264 6401 +234 1 264 6497	IAHS	ACHAUER, Dr Ulrich Eost Strasbourg Lab De Sismologie, 5 Rue Rene Descartes, Strasbourg Cedex, F-67084, France +33 3 88 41 66 51 +33 3 88 61 67 47 ulrich.achauer@eost.u-strasbg.fr	IASPEI	AGREN, Mr Jonas Royal Institute Of Technology Dept. of Geodesy And Photog, Stockholm, 100 44, Sweden +46 8 790 86 02 +46 8 790 73 43 jonag@geomatrics.kth.se	IAG	AKKARGAN, Dr Sahin The University of Istanbul Dept. Geophysical Engineering, Avclar Campus, Avclar, 34850, Turkey +90 532 413 8971 +90 212 591 1997 sahin@istanbul.edu.tr	IASPEI
ABDEL HAMID, Rabab National Inst Astro & Geophys Cairo, Egypt 002 02 554 9781 002 02 554 8020 arghareeh@frcu.eun.eg	IAGA	ACKLEY, Professor Stephen Clarkson University 111 Villa Ann, San Antonio, Texas, 78213, USA 210 341 6556 sackley@pol.net	IAHS	AHERN, Dr Tim IRIS Iris DMC, 1408 Ne 45th Street #201, Seattle, Wa, 98105, USA 206 547 0393 206 547 1093 tim@iris.washington.edu	IASPEI	AKMAEV, Dr Rashid University of Colorado Dept. Aero. Engineering Sci., Cb 429, Boulder, Colorado, 80309-0429, USA 303 492 0286 303 492 7881 akmaev@spb.colorado.edu	IAGA
ABDELADZE, Dr Merab Tbilisi State University Georgia	IAMAS	ACREMAN, Mike Institute Of Hydrology Crowmarsh Gifford, Wallingford, Oxfordshire, Ox10 8bb, UK 01491 692443 01491 692424 m.acreman@ioh.ac.uk	IAHS	AHRENS, Professor Thomas CALTECH Caltech 252-21, 1200 E. California Blvd, Pasadena, California, 91125, USA 626 395 6906 626 564 0715 tia@caltech.edu	IASPEI	AL HIJAJ, Professor Aiiemed Royal Jordanian Geographic Royal Jordanian Geographic Cen, Yajuz Street P.O. Box 214, Al Jubayha, 11941, Jordan 962-6-5345188 962-6-5347694 rgc@amra.nic.gov.jo	IAG
ABDELADZE, Dr Merab Tbilisi State University Georgia	IAMAS	ADAM, Professor Antal Geo. & Geophysical Res. Inst Po Box 5, Sopron, H-9401, Hungary 36 95 314 290 36 95 313 267 adam@ggki.hu	IAGA	AICHELE, Dr Helmut Seismologic Cent. Observatory, Mozartstr. 57, Erlangen, 91052, Germany +49 9131 8104019 +49 9131 8104099 aichele@szgrf.uni-erlangen.de	IASPEI	ALAMRI, Mr Nassir University Of Birmingham School Of Earth Sciences, Edgbaston, Birmingham, B15 2TT, UK 0121 4465 722 n.s.alamri@bham.ac.uk	IAHS
ABD-ELMOTAAL, Dr Hussein Minia University Civil Engineering Department, Faculty of Engineering, Minia, 61111, Egypt 20 2 259 1541 20 2 291 8059 hamotaal@frcu.eun.eg	IAG	ADAM, Professor Dr Jozsef Techn. University Budapest Department of Geodesy, P.O. Box 91, Budapest, H-1521, Hungary 36 1 463 3222 36 1 463 3192 jadam@enito.bme.hu	IAG/UNION	AIKIO, Dr Anita University of Oulu Dept. of Physical Sciences, P.O. Box 3000, Oulu, Fin-90401, Finland 358 8 553 1363 358 8 553 1287 anita.aikio@oulu.fi	IAGA	ALBERS, Mr Michael Inst. for Geophysics Herzberger Landstr. 180, Goettingen, 37075, Germany +49 551 397465 +49 551 397459 mab@geo.physik.uni-goettingen.de	IASPEI
ABDU, Dr M.A. INPE Ave Dos Astronautas 1758, Sap Jose Dos Campos, 12201 970, Brazil 55 012 345 6797 55 012 345 6990 abdu@dae.inpe.br	IAGA	ADAMOVA, Albina Institute Of Seismology Kyrgyzstan 720060, Bishnek, Asaubai 52/1, 720060, Kyrgyzstan	IASPEI	AIRAKSINEN, Mr Paavo Finnish Geodetic Institute Po Box 15, Kirkkonohhl, Masala, 02431, Finland 00358 9 29555216 00358 9 29555200 pja@fgi.fi	IAMAS	ALBERTALLA, Dr Alberta Politecnico Di Milano Diar-Sez. Rilevamento, Piazza Leonardo Da Vinci 32, Milano, 20133, Italy +390223996509 +390223996530 alberta@ipmtf4.topo.polimi.it	IAG
ABELLA, Mr Rafael Dep. Vulcanologia-Csic C/Jose Gutierrez Abascal No2, Madrid, 28006, Spain 34 91 411 13 28 EXT 1163 34 91 564 47 40 mcnam3k@pina1.csic.es	IAVCEI	ADAMS, Dr John Geological Survey of Canada 7 Observatory Crescent, Ottawa, Kia Oy3, Canada 613 995 5519 613 992 8836 adams@seismo.nrcan.gc.ca	IASPEI	AJITH, Dr Kochuparampil J Cochin University of Science Dept. of Physical Oceanography, Cusat, Fine Arts Avenue, Kerala, 682016, India +91 484 393950 +91 484 374164 ajithjk@netscape.net	IAPSO	ALDRIDGE, Keith York University 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada 466 736 5245 keith@yorku.ca	IAGA
ABIDIN, Dr Hasanuddin ITB Dept. Of Geodesy, Ganesha St. #10, Bandung, 40132, Indonesia 62 22 2530701 62 22 2530702 hzaabidin@gd.itb.ac.id	IAG/IAVCEI	ADLER, Mary-Jeanne NIMH 97 Sos, Bucuresti-Ploiesti, Bucharest, 71552, Romania 40 1 230 31 16 40 1 230 31 43 adler@meteo.inmh.ro	IAHS	AKAMASTSU, Dr Junpei Kyoto University Disas. Prev. Res. Inst., Gokasho, Uji, Kyoto, 611 0011, Japan +81 774 38 4286 +81 774 38 4281 akamatsu@drs.dpri.kyoto-u.ac.jp	IASPEI	ALESTALO, Dr Mikko Finnish Meteorological Inst. P O Box 503, Helsinki, Fin-00101, Finland +358 9 1929 4100 +358 9 1929 4103 mikko.alestalo@fmi.fi	IAMAS
ABOLGHASEM, Mr Amir M. Geodetic Institute Stuttgart University, Geschwister Scholl Str 24/D, Stuttgart, 70174, Germany 0711 121 34 19 0711 121 32 85 amir.abolghasem@gis.uni-stuttgart.de	IAG						

ALEXANDER, Dr M Joan IAMAS Colorado Research Associates 3380 Mitchell Lane, Boulder, Colorado 80301, USA 303-415-9701 303-415-9702 alexand@colorado-research.com	ALLAN, Dr William IAGA NIWA Po Box 14-901, Kilbirnie, Wellington 6010, New Zealand +64 4 386 0316 +64 4 386 2153 w.allan@niwa.cri.nz	ALTAMIMI, Dr Zuheir IAG IGN Ensg/Lareg, 6-8 Avenue Blaise Pascal, Champs-Sur-Marne, 77455, France 0033 1 64 15 32 55 0033 1 64 15 32 53 attamimi@ensg.ign.fr	AMM, Dr Olaf IAGA Finnish Meteorological Inst. Geophysical Research Division, P.O.Box, Helsinki, Fin-00101, Finland +358919294666 +35891929 4603 olaf.amm@fmi.fi
ALEXANDER, Dr Michael IAMAS Cdc, University of Colorado Noaa-Cires, Mail Code: R/E/CD1 325 Broadway, Boulder, Co, 90303-3328, USA 303 497 6030 303 497 6449 maa@cdc.noaa.gov	ALLAN, Richard IAMAS MET. Office Hadley Centre, London Road Bracknell, Berks, Rg12 2sy, UK 01344 856884 01344 854898	ALUNGAL, Professor B. IAPSO Cochin Univ. of Sci & Tech. Dept. of Physical Oceanography, Cusat, Fine Arts Avenue, Kerala, 682 016, India +91 484 363950 +91 484 374164 oceans.cusat@yahoo.com	AMMOSOVR, Dr Petr IAMAS Inst. Cosmophysica Re. & Aero. 31 Lemin Ave, Yaneectsk, Russia g.a.gavzilyeva@sci.yakutia.ru
ALEXANDROV, Professor E IAGA State Optical Institute 3-1 Institutski Ave., Apt 24 St Petersburg, 194021, Russia 7(812) 550 1986 ealex@neva.spb.ru	ALLEN, Dr John IAPSO Southampton Oceanography Cen. Empress Dock, Southampton So14 32h, UK (0) 1703 596429 (0) 1703 596204 jta@soc.soton.ac.uk	ALVAREZGARCIA, Mr F IAPSO University Of Alcalá Dpto. De Fisica / Campus Univ., Ctra. De Barcelona, Km.33.6, Alcalá De Henares, 28871, Spain 0034 91 885 4944 0034 91 885 4942 paco@pc42.fsc.alcala.es	ANDERSEN, Dr Niels IAG National Survey & Cadastre Rentemestervej 8, Copenhagen Nv, 2400, Denmark +45 35 87 52 83 +45 35 87 5057 na@kms.dk
ALEXEEV, Dr Igor IAGA Moscow State University Institute of Nuclear Physics, Vorobjevy Gory, 119899, Russia 7 095 939 1036 7 095 939 3553 alexeev@dec1.npi.msu.su	ALLEN, Mr Joe IAGA SCOSTEP C/O Noaa-Ngdc, 325 Broadway, Boulder, Co, 80303, USA 303 497 7284 303 497 6513 jallen@ngdc.noaa.gov	ALVAREZ-HERNANDEZ, Dr. R. IAGA Inst. of Geo. & Astronomy Calle 212 No.22906 E/N 29 Y 31, La Coronela, La Lisa, C. De La Habana, 11600, Cuba (537)21 4331 (537)33 9497/249117 conam@gamma.com.cu/lou@ceaden. edu.cu	ANDERSEN, Dr Ole Baltazar IAG Kort & Matrikelstyrelsen Geodetic Dept, Rentemestervej 8, Copenhagen Nv, Dk-2400, Denmark +45 3587 5050 +45 3587 5052 oa@kms.dk
ALFIER, Mr Raimond IAMAS Freie Universität Berlin Institut Für Meteorologie Carl-Heinrich-Becker-WEG 6-10, Berlin, 12165, Germany +49 30 838 71167 alfier@strat01.met.fu-berlin.de	ALMEIDA, Dr Eugenio IAGA University of Lisbon R. Escola, Politecnica 58, Lisbon, 1269- 102, Portugal epalueida@ipt-pt	ALYAMANI, Dr Faiza IAPSO Kuwait Inst. Scientific Res. Po Box 1638, Salmiyah, 22017, Kuwait +965 5 711296 +965 5 711293 fyamani@kisir.edu.kw	ANDERSEN, Dr Per Helge IAG Norwegian Def. Res. Est./Div.E Box 25, Kjeller, 2007, Norway +47 6380 7407 PER-HELGE.ANDERSEN@FFI.NO
ALFREDSEN, Dr Knut IAMAS Sintef Civil & Enviro. Eng. Klabuveien 153, Trondheim, 7465, Norway +47 7355 0416 +47 7359 0102 knut.alfredson@civil.sintef.no	ALMENDROS, Javier IAGA Universidad De Granada Instituto Andaluz De Geofisica, Granada, 18071, Spain +39 958 248912 +39 958 160907 alm@iag.ugr.es	AMBAUM, Dr Maarten IAMAS University Of Reading Department Of Meteorology, Po Box 243, Reading, RG6 6bb, UK 0118 9875123 EXT 7846 0118 9318905 sws97mha@met.rdg.ac.uk	ANDERSON, Dr Brian IAGA Johns Hopkins University Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, Maryland, 20723-6099, USA 001-240-228-6347 001-240-228-6670 brian.anderson@jhuapl.edu
ALI, Professor Hassan IAMAS US Office of Naval Research Onr Asia, 7-23-17 Roppongi, Minato-Ku, Tokyo, 106 0032, Japan 81 3 3401 8924 81 3 3403 9670 alih@onrasia.navy.mil	ALNAGGAR, Professor Dalal IAG Survey Research Inst./Nwrc 308 Alhaeam St., Talbea, Giza 12111, Egypt (202) 5849283 (202) 5867174	AMBRIZZI, Mr Tercio IAPSO Inst. Of Astronomy & Geophysic Rua Do Matao, 1226 Cidade Universitaria, Brazil, 05508900, Spain +55 11 818 4731 +55 11 818 4714 ambrizzi@model.iag.usp.br	ANDERSON, Dr Philip IAG British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221489 p.anderson@bas.ac.uk
ALIAJ, Professor Shyqyri IASPEI Institute of Seismology Tirana, Albania +355 42 47665 +355 42 28274 aliaj@sizmo.albnet.net	ALPERT, Professor Pinhas IAMAS TEL AVIV University Dept. Geophysics & Planetary, Science Tel Aviv, 69978, Israel 972 3 6407380 972 3 6409282 pinhas@cyclone.tau.ac.il	AMELYNCK, Dr Crist IAMAS BISA Ringlaan, 3, Brussels, 1180, Belgium 00 32 2 373 03 90 00 32 2 374 84 23 crist.amelynck@oma.be	ANDERSON, Dr Robert G. IAVCEI Geological Survey Of Canada 101-605 Robson Street, Vancouver, B. C., V6B 5J3, Canada 001 604 666 2693 001 604 666 1124 banderson@gsc.nrcan.gc.ca
ALKEMADE, Dr Frans IAMAS IMAU (University Utrecht) P.O. Box 80005, Utrecht, 3508 TA The Netherlands +31 30 2532212 +31 30 2543163 f.alkemade@phys.uu.nl	AL-SAGARAT, Mr Nedal IAG Royal Jordanian Geographic Royal Jordanian Geographic Cen, R.J.G.C. P.O. Box 414, Jubayha, 11941, Jordan 962-6-5345146 962-6-5347694	AMER, Dr Saud UNION Eros Data Center , Sioux Falls, SD, 57198, USA +1 605 594 6864 +1 605 594 6529 samer@edcmail.cr.vsgs.gov	ANDERSON, Mr David IAMAS University of Reading Department of Meteorology, Early Gate, Reading, UK
ALLAN, Dr Robert IAMAS CSIRO Atmospheric Research PMB 1, Aspendale, Melbourne, 3195, Australia 613 923 94540 613 923 94444 rob.allan@dar.csiro.au	ALTADILL, Dr David IAGA Observatori De L'ebre Horta Alta 38, Roquetes, E43520, Spain 34 977 500 511 34 977 504 660 ebre.daltadill@readysoft.es	AMERICO, Dr Gozalez E. IAGA Inst. De Geofisica Unam Ciudad Universitaria, Coyoacan, 04510, Mexico 52 56224142 52 5502486 americo@fis-esp.igeofcu.unam.mx	ANDERSON, Nr Kenneth IAMAS SPAWarsyscen-SD D83, 53560 Hull Street, San Diego, California, 92152, USA 1 169 553 1420 1 619 553 1417 kenn@spawar.navy.mil
			ANDO, Professor Masataka IASPEI RCEP, DPRI, Kyoto University Uji, Kyoto, 611-0011, Japan 81 774 38 4195 81 774 38 4190 ando@rcep.dpri.kyoto-u.ac.jp

ANDRAE, ULF SMHI Norrköping, S-60176, Sweden +46 11 495 8648 +46 11 495 8001 ulf.andrae@smhi.se	IAMAS	ANTHES, Dr Richard UCAR Po Box 3000, Boulder, Colorado, 80307-3000, USA 303 497 1652 303497 1654 anthes@ucar.edu	IAMAS	ARABELOS, Professor D. N. Aristotle Univ. Thessalonika Dept. Of Geodesy & Surveying, Box 474, Thessalonika, 54006, Greece ++3031 996091 ++3031 996408 arab@eng.auth.gr	IAG	ARFEUILLE, Gilles Institute Of Ocean Sciences Po Box 6000, Sidney, British Columbia, V8L 4B2, Canada +1 250 363 6821 gilles@ocean.seos.uvic.ca	IAPSO
ANDRE, Dr Raphael British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221 550 01223 362 616 raa@bas.ac.uk	IAGA	ANTIOCHOS, Dr Spiro K Naval Research Laboratory Code 7675, Washington Dc, 20375- 5352, USA +1 202 767 6199 +1 202 404 7997 antiochos@nrl.navy.mil	IAGA	ARAKI, Dr Tohru Kyoto University Dept. of Geophysics, Graduate School of Science, Kyoto, 606-8502, Japan +81 75 753 3951 +81 75 722 7884 araki@kugi.kyoto-u.ac.jp	IAGA	ARGO, Dr Paul Los Alamos National Laboratory Los Alamos, New Mexico, 87545, USA (505) 667 8355 (505) 665 7395 pargo@lanl.gov	IAMAS
ANDREWS, Dr David Oxford University Atmospheric Physics, Clarendon, Laboratory/ Parks Road, Oxford, OX1 3PU, UK 01865 272907 01865 272923 andrews@atm.ox.ac.uk	IAMAS	ANTOINE, Dr David LPCM, CNRS & Univ. P&M Curie BP 08,, Quai De La Darse, Villefranche SUR MER, 06238, France 33 4 93 76 37 23 33 4 93 76 37 39 david@obs-vlfr.fr		ARAMAKI, Professor Shigeo Nihon University Dept Earth Sciences, 3-25, Sakura-Josui,, Setagaya-Ku, Tokyo, 156-8550, Japan 81 3 3991 1685 81 3 3991 1685 aramaki@chs.nihon-u.ac.jp	IAVCEI	ARIC, Professor Kayihan Inst. Of Meteorolo. & Geophys. Althanstr. 14, A-1090, Vienna, A-1090, Austria +1 31336 8232 +43 1 31336 775 kayihan.aric@univie.ac.at	IAGA
ANDREWS, Dr Michael Raytheon Systems Company Naval Research Laboratory, Code 7660, Washington Dc, 20770, USA 01 202 404 7805 01 202 767 5636 andrews@louis14.nrl.navy.mil	IAGA	ANTONOVA, Elizaveta Moscow State University Skobeltsyn Inst. of Nuclear, Physics, Moscow, 119899, Russia 7 095 9392488 7 095 9390896 antonova@orearm.msk.ru	IAGA	ARANA, Professor Vicente CSIC Spain Museo Nacional De Ciencias Nat, C/O Jose Gutierrez Abascal, 2, Madrid, 28006, Spain 0034-914-111 328 0034-915-644 740 mcing112@mncn.csic.es	IAVCEI	ARKANI-HAMED, Professor J McGill University C/O Dr J. Dymont, Umr 6538, Iuem, UBO, 1 Place N. Copernic, Plouzane, 29280, France 0033 298 49 86 74 0033 298 49 87 60 jafar@planet.eps.mcgill.ca	AGA
ANDRIANIRINA, Mr Mamy I.S.C Pipers Lane, Thatcham, RG19 4NS, UK 01635 861022 01635 872351 mamy@isc.ac.uk	IASPEI	ANTOUN, DR NAGI Survey Research Inst./Nwrc 308 Alharam Street, Talbea, Geza, 12111, Egypt (202) 584 9283 (202) 5867174	IAG	ARBBER, Dr Tony St Andrews University Mathematical Institute, St Andrews, Fife, Scotland, KY16 9SS, UK 01334-463 757 01334-463 748 tda@dcs.st-and.ac.uk	IAGA	ARMI, Dr Laurence Scripps Inst. Oceanography , La Jolla, California, 92093-0230, USA 619 534 6843 619 534 0704 larmi@ucsd.edu	IAPSO
ANGUS, Mr Doug Queen's University Department of Geological, Sciences, Kingston, Ontario, K7L 3N6, Canada 1 613 531-88822 1 613 533 6592 angus@geol.queensu.ca	IASPEI	ANTUNES, Mr Carlos Faculdade De Ciências Da U.L. Rua Da Escola Politécnica, 58, Lisboa, 1250-102, Portugal 00 351 1 3921855 00 351 1 7500072 mcarlos@fc.ul.pt	IAG	ARBETTER, Dr Todd McGill University Dept Atmos. & Ocean Sciences, 805 Sherbrooke St West, Montreal, Quebec, H3A 2K6, Canada 514 398-7448 514 398-6115 arbetter@zephyr.meteo.mcgill.ca		ARMIENTA, Dr Aurora UNAM Inst. De Geofísica, Circuito Exterior, CU, Mexico, DF, 04510, Mexico 525 6224114 525 5502486 victoria@tonatiuh.igeofcu.unam.mx	IAHS
ANKLIN, Dr Martin PMOD/WRC DAVOS Dorfstrasse 33, DAVOS DORF, CH 7260, Switzerland +41 81 471 51 33 +41 81 417 51 00 martin.anklin@pmodwrc.ch	IAMAS	ANUFRIEV, Dr Alexander Geophysical Institute Bonchev STR 3, Sofia, 1133, Bulgaria ++(0359) 979 33 42 ++(0359) 270 02 26 anufriev@geophys.bas.bg	IAGA	ARCHER, Mr David Jeremy Benn Associates Gillow House, Broughton Hall, Skipton, North Yorkshire, BD23 3AN, UK 00 44 1661 834 063 00 44 1661 834 063 david.archer@jeremybenn.co.uk	IAHS	ARMIGLIATO, Dr Alberto Universita Di Bologne Dept. De Fisica, Settore Di Geofisica, Viale Berti Pichat 8, Bologne, 40127, Italy +39 051 2095003 +39 051 2095058 armigliato@ibogfs.df.unibo.it	UNION
ANNABLE, Mr Bill University of Waterloo Department of Earth Sciences, Waterloo, Ontario, N2L 3G1, Canada 001 519 888 4567 X2955 001 746 7484 wkannable@sciborg.uwaterloo.ca	IAHS	AOI, Dr Shin NRIESDP 3-1 Tenoudai, Tsukuba-City, Ibaraki, 305-0006, Japan +81 298 51 1611 EXT 437 +81 298 51 5658 aoi@geo.bosai.go.jp	IASPEI	ARCULUS, Professor R. Australian National Univ. Dept. of Geology, Canberra, Act, 0200, Australia 61 2 6249 2056 61 2 6249 5544 richard.arculus@anu.edu.au	IAVCEI	ARMSTRONG, Dr Richard University Of Colorado CIRES/NSIDC, CB 449, Boulder, 80309, USA 303 492 1828 303 492 2468 hax@kryos.colorado.edu	IAHS
ANNEAR, Mr Tom Wyoming Game & Fish Department 5400 Bishop Blvd, Cheyenne, Wyoming, 82006, USA 1 307 777 4559 1 307 777 4611 tannea@missc.state.wy.us		AOKI, Dr Shigeru NIPR Caem, 1-9-10 Kaga, Itabashiku, Tokyo, 173, Japan 81 3 3962 4724 81 3 3962 4914 shigeru@nipr.ac.jp	IAPSO	ARDELEANU, Dr Luminita A National Inst. for Earth Phys. PO Box MG-2, Bucharest, 76900, Romania 40 1 4930118 40 1 4930118 ardel@infp.infpr.ro	IASPEI	ARNOLD, Mr Neil Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	
ANSAL, Professor Atilla Istanbul Technical University Civil Engineering Faculty, Geotechnical Engineering Dept., Maslak, Istanbul, 80626, Turkey +90-212-285-3702 +90-212-285-6006 ansal@itu.edu.tr &a.ansal@garanti.net.tr	IASPEI	AOYAMA, Mr Yuichi Grad. Univ. Advanced Studies Hoshigoaka 2-12 Mizusawa, Iwate, 023-0861, Japan +81-197-22-7198 +81-197-22-2715 aoyama@miz.nao.ac.jp	IAG	ARNOTT, Mr Frank IGM LTD Boundary Stone, Farm Lane, Great Bedwyn, Wilts., SN8 3LU, UK 01672 870095 01672 870096 frankarnott@compuserve.com	UNION		

ARORA, Professor Baldev IAGA Indian Inst. of Geomagnetism R.C. Church, Colaba, Mumbai, 400005, India +91 22 2189569 +91 22 2189568 bra@iig.iigm.res.in	ASSUMPCAO, Dr Marcelo IASPEI University of SAO Paulo Cidade Universitaria, Rua Du Matao 1226, SAO Paulo, 05508-900, Spain 0055-11-8184755 0055-11-8185034 marcelo@iag.usp.br	AUAD, Dr Guillermo UNION Scripps Inst. Oceanography UCSD-0224, CRS, 9500 Gilman Dr, La Jolla, California, 92093, USA 858 822 1564 585 534 8561 guillo@ucsd.edu	AWAJI, Professor T IAPSO Kyoto University Dept. of Geophysics, Kyoto, 606 8502, Japan +81 75 953 3922 +81 75 953 3928 awaji@kugi.kyoto-u.ac.jp
ARRITT, Professor Dr R IAMAS IOWA State University 3010 Agronomy Hall., AMES, IOWA, 50011, USA +1 515 294 9870 +1 515 294 2619 rwarritt@iastate.edu	ASTIZ, Dr Mar IAVCEI E.T.S. Arquitectura Avda. Juan De Herrera, 4, Madrid, 28040, Spain 34 91 336 65 41 civgu@pinara.csic.es	AUDUNSSON, Dr Haraldur IAGA ICET Hofdabakki 9, Reykjavik, IS-112, Iceland 354 577 1400 354 577 1401 haraldur@ti.is	AXE, Mr Philip Proudman Oceanographic Lab Bidston Observatory, Bidston Hill, Prenton, Cheshire, CH43 7RA, UK 0151 653 8633 0151 653 6269 paxe@ccms.ac.uk
ARTALE, Dr V. IAPSO E.N.E.A. Casaccia Via Anguillarese 301, S. Maria Di Galeria, Rome, 00060, Italy +39 06 30 48 30 96 +39 06 30 48 42 64 artale@casaccia.enea.it	ASTLING, Eiford IAMAS West Desert Test Center 2941 Zenith Circle, Salt Lake City, UT, 84106, USA +1 435 581 5101 +1 435 581 5359 astling@inconnect.com	AUER, DR INGEBORG CIMG Hohe Warte 38, Vienna, 1190, Austria 0043 1 36026 2206 0043 1 36026 ingeborg.auer@zamg.ac.at	AXFORD, Professor Ian IAGA MPAe LINDAU Max-Planck-Inst. Für Aeronomie, Max-Planck-Str. 2, Kattenburg-Lindau, D-37191, Germany +49 5556 979 439 +49 5556 979 149 axford@linmpi.mpg.de
ARULIAH, Dr Anasuya IAGA University College London Atmospheric Physics Laboratory, 67-73 Riding House Street, London, England, W1P 7PP, UK 0171 504 9017 0171 504 9024 a.aruliah@ucl.ac.uk	ASTRALDI, Dr Mario IAPSO CNR forte S. Teresa, Pozzuolo Di Lerici, La Spezia, 19036, Italy +39 0187 978301 +39 0187 970585 astraldi@iof.cnr.it	AUGATH, Wolfgang IAG Technical University Dresden Mommsen Strasse 13, Dresden, D- 01062, Germany +49 351 463 4249 +49 351 463 7201	AYADI, Dr Abdelhakim IASPEI CRAAG Bouzaneah, Algiers, 16340, Algeria 213 2 904455 213 2 904462 ayadi 63@hotmail.com
ARZHAKOVA, Dr Svetlana IAHS Hydrometeorological University, St Petersburg, Russia 444 82 61	ASTRUP, Mrs Marit IAHS University of Oslo Institute of Geography, Hjortestien 14a, Knapstad, N-1823, Norway +47 69 92 17 20 marit.astrup@geografi.uio.no	AUGER, Mr Emmanuel University of Naples Physics Department, Via Bonito 27b, Naples, 80129, Italy 0039 081 7253327 auger@sungea03.na.infn.it	AYALA, Miss Conxi British Geological Survey , Keyworth, Nottingham, NG12 5GG, UK 0115 936 3355 c.ayala@bgs.ac.uk
ASENEK, Dr Veronica IAMAS University of Reading Department of Meteorology, Reading, RG6 6BB, UK 01189 875 123 EXT 7843 01189 318 905 vasenek@met.reading.ac.uk	ASWATHANARAYANA, Prof U IAPSO MCEA C.P. 1947, Maputo, Mozambique 2581 307068 2581 492526 anarayan@zebra.uem.mz	AUMONT, Dr Olivier LSCE CE Saclay, ORME Des Merisiers, Gif-Sur-Yvette, F-91191, France +33 1 69 08 68 79 aumont@lsce.saclay.cea.fr	AYELE, Dr Atalay IASPEI Geophysical Observatory Addis Ababa University, Addis Ababa, 1179, Ethiopia 251 1 11 7253 observatory.aau@telecom.net.et
ASFIRANE-Haddadj, Mrs F B R G M Service Géologiques National, 3, Avenue Claude Guillemin, B.P. 6009, Orleans Cedex 2, 45060, France 0033 02 38 64 39 99 0033 02 38 64 33 34	ATANASIU, Dr L-N IAGA Geological Inst. of Romania 1, Caransebes Str., Bucharest-32, 78344, ROMANIA +401 224 15 13 +401 224 04 04 ligia@igr.sfos.ro	AUSTER, Dr Volker Magson GMBH Stackelitzer WEG 18, Jeserigerhütten, 14827, Germany +49 33849 51695 +49 33879 51695	AYHAN, Dr Nehmet Emin IAG/IASPEI/UNION General Command of Mapping , Ankara, 06100, Turkey 90 312 3638550 90 312 3201495 eayhan@hgk.mil.tr
ASHOUR, Professor Attia IAGA Cairo University Mathematics Department, Faculty of Science, Giza, Egypt + 202 337 38 06 + 202 572 75 56 ashour@frcu.eun.eg	ATHANASSIADOU, Dr Maria IAMAS UK Meteorological Office London Road, Bracknell, Berks, RG12 2SZ, UK 01344 854516 01344 854493 manathassiadou@meto.gov.uk	AUSTIN, Prof Dr John IAMAS UK Meteorological Office London Road, Bracknell, Berks, RG41 5LQ, UK 01344 854647 01344 854647 jaustin@meto.gov.uk	AYLWARD, Mr Alan University College London Dept. of Physics & Astronomy, 67-73 Riding House Street, London, W1P 7PP, UK +44 (0) 171 504 9023 +44 (0) 171 504 9024 anasuya@app.ph.ucl.ac.uk
ASHTARI Jafari, Ms M IASPEI University of Tehran PO Box 16765-533, Tehran 16, Iran 9821 8426471 9821 8009560 mjafarce@chamran.ut.ac.ir	ATKINSON, Dr Gerry IAGA APT 211, 4955 River Rd., Delta, B.C., V4K4V9, Canada 604 940 0039 atkinson@theory.chem.ubc.ca	AVAGIMOV, Professor Arben IASPEI IVTAN-Association 13/19 Izhorskaya Str., Moscow, 127412, Russia +7 095 4842388 +7 095 4857990 arben@hedric.msk.su	BAAG, Professor Czango IAGA Kangwon National University Dept. of Geophysics, 192-1 Hyoja-1- Dong, Chuncheon, Republic of, 200 701, Korea 82 361 250 8581 82 361 244 8580 baag@cc.kangwon.ac.kr
ASKEW, Dr Arthur IAHS World Met. Organisation Case Postale 2300, Geneva 2, 1211, Switzerland 41 22 730 8355 41 22 730 8043 askew_a@gateway.wmo.ch	ATREYA, Sushil IAMAS University of Michigan Dept. Atmospheric, Oceanic & Space Re. Sciences, Ana Arbor, 48109-2143, USA 734 763 6234 734 764 5137	AVAKYAN, Sergey IAGA S.I Vavilov State Optical Inst Kuzchatov Street 4 App 75, St Petersburg, 194223, Russia 5524514 7(812) 328 3720 acak@soi.spb.su	BABA, Dr Hisatoshi IAGA Tokai University 1117 Kitakaname, Hiratsuka, Kanagawa, 259-1292, Japan +81 463 58 1211 +81 463 50 2034 hbaba@keyaki.cc.u-tokai.ac.jp

BABAN, Dr Serwan IAHS Coventry University School Natural & Environ. SCI., Coventry, CV1 5FB, UK 01203 838498 S.Baban@coventry.ac.uk	BAI, Professor Wuming IASPEI Institute Geophysics Academia A11 Datunlu, PO Box 9701, Beijing, 100101, China +86 10 6488 9843 +86 10 6487 1995 baiw@mail.c-geos.ac.cn	BAKER, Mr Joseph IAGA The University of Michigan Space Physics Research Lab., 2455 Hayward St., Ann Arbor, Michigan, 48109-2143, USA 734 764 4582 734 764 5137 bakerj@pitts.sprl.umich.edu	BALMINO, Dr Georges UNION IUGG CNES/GRGS 18 Avenue Edouard Belin, Toulouse, 31401, France 33 561332889 33561253098 balmino.uggi@cnes.lor
BABU, Dr Chethalan A IAMAS Cochin Univ. of Science & Tech Dept. of Atmospheric Sciences, Cochin-16, 682016, India +91 484 541606 +91 484 532495 cababu@htmail.com	BAIK, Professor Jong-Jin IAMAS K.I.S.T. 1 Oryong-Dong, Puk-Gu, Kwangju, 500-712, Korea +82 62 970 2437 +82 62 970 2434 jjbaik@aromi.kjist.ac.kr	BAKER, Professor Daniel N IAGA LASP, University of Colorado Campus Box 590, Boulder, Colorado, 80309, USA 303 492 4509 303 492 6444 baker@orion.colorado.edu	BALSLEY, Professor Ben University of Colorado Cires, Campus Box 216, Boulder, Colorado, 80309-0216, USA +1 303 492 1055 +1 303 492 1149 balsley@terra.colorado.edu
BACCHUS, Ms Sydney IAHS University of Georgia Institute of Ecology, Athens, Georgia, 30602-2202, USA 706/542 6040 sbacchus@arches.uga.edu	BAILEY, Professor Graham IAGA University of Sheffield Dept of Applied Mathematics, University of Sheffield, Sheffield, S3 7RH, UK 0114-222-3744 0114-222-3739 g.bailey@sheffield.ac.uk	BAKER, Professor Trevor IAG Proudman Oceanographic Lab. Bidston Observatory, Birkenhead, L43 7RA, UK 0151 653 8633 0151 653 6269 tbf@pol.ac.uk	BAMSI-YAZDI, Mr Kourosh Weather Action 22 Catherine Road, Enfield, Middlesex, EN3 6DE, UK 01992 719725 kby@compuserve.com
BACHELET, Dr Dominique OSU 3200 Sw Jefferson Way, Corvallis, Or, 97333, USA +1 541 754 7758 bachelot@fsl.orst.edu	BAINES, Dr Kevin Caltech/Jet Propulsion Lab. M/S 183-601, 4800 Oak Grove Drive, Pasadena, California, 91109-8099, USA ++1 818 354 0481 ++1 818 393 4605 kbaines@aloha.jpl.nasa.gov	BAKUN, Dr William IASPEI U. S. Geological Survey , 345 Middlefield Rd Ms977, Menlo Park, California, 94025, USA 650 329 4793 650 329 5163 bakun@andreas.wr.usgs.gov	BANASIK, Professor K IAHS Warsaw Agricultural College Sggw-Dept. of Hydraulic Struct., UL. Nowoursynowska 166, Warsaw, 02787, Poland 4822 843 9250 4822 843 9250 banasik@alpha.sggw.waw.pl
BACHMANN, Mr Oliver IAVCEI University of Geneva Dept. De Mineralogie, Section Des Sci. De La Terre, 13 Rue Des Maraichers, Geneve, 1211, Switzerland +4122 702 68 26 +4122 320 57 32 bachmann@sc2a.unige.ch	BAINES, Dr Peter IAPSO CSIRO Atmospheric Research Private Bag No.1, Aspendale, Victoria, 3195, Australia 0061-3-9239 4651 0061-3-9239 4444 pgb@dar.csiro.au	BALA, Dr Andrei IASPEI NAT. Inst. for Earth Physics PO Box Mg-2, Bucharest - Magurele, 76900, Romania 40 1 4930118 bala@inf.p.iaf.ro	BANFIELD, Dr Colin IAMAS Memorial Univ. of Newfoundland Dept. Of Geography, St John's, Newfoundland, A1B 3X9, Canada 001-709-737-8981 001-709-737-3119 colinb@morgan.ucs.mun.ca
BACMEISTER, Dr Julio Uni. Space Research Assoc. Code 913, Greenbelt, 20771, USA bacmj@janus.gsfc.nasa.gov	BAIRD, Mr Mark University of Warwick Dept. of Biological Sciences, Coventry, West Midlands, CV4 7AL, UK 01203 528 324 01203 524 619 mahk@oikos.warwick.ac.uk	BALASIS, Mr George IAGA Solid Earth Physics Inst. Physics Building, Panopliimiopolin, Zografos, Athens, GR 15784, Greece 01 7274784 01 7257597 gbalasis@atlas.uoa.gr	BANNISTER, Ross University of Reading Department of Meteorology, Earley Gate, Reading, RG6 6BB, UK 0118 9875123 ext.4383 0118 9318316 ross@met.reading.ac.uk
BADGER, Dr Jake IAMAS/IAPSO University Of Reading Dept of Meteorology, PO Box 243, Reading, England, RG6 6BB, UK 0118 9875123 EXT 7846 0118 9318905 j.badger@rdg.ac.uk	BAKER, Dr Calum IASPEI Keele University Department of Earth Sciences, Staffordshire, ST5 5BG, UK 01 782 712631 c.baker@esci.keele.ac.uk	BALBI, Mr David Environment Agency Steppingstone Walk, Winfrey Avenue, Spalding, Lincs, PE11 1DA, UK 01775 762 12 01775 724 627 david.balb@environment- agency.gov.uk	BANTGES, Mr Richard IAMAS Imperial College Space & Atmospheric Physics, Blackett Laboratory, London, SW7 2BZ, UK +44 171 594 7664 +44 171 594 7664 r.bantges@ic.ac.uk
BADIALI, Dr Lucio IASPEI ING-ROME Istituto Nazionale Di Geo., Via Di Vigna Murata, 605, Roma, 00143, Italy ++3906 5186 0352 ++3906 5041 181 badiali@ingrm.it	BAKER, Dr Haydar Aziz IAGA USTHB-IST 18 Rue Du Hoggar, Hydra, Algiers, 16035, Algeria 21 32 204208 21 32 204208 haydarbaker@mypnd.com	BALCH, Mr Christopher IAGA Space Environment Center 325 Broadway R/E/SE, Boulder, Colorado, 80303, USA 303 497 5693 cbalch@sec.noaa.gov	BAPTIE, Dr Brian British Geological Survey Murchison House, West Mains Road, Edinburgh, Scotland, EH9 3LA, UK 0131 650 0352 0131 667 1877 b.baptie@bgs.ac.uk
BAER, Dr Manfred IASPEI Eth Zürich Swiss Seismological Service, Eth- Honggerberg, Zürich, CH-8093, SWITZERLAND 0041-1-633 2627 0041-1-633- 1065 baer@seismo.ifg.ethz.ch	BAKER, Dr Helen IAG University of Nottingham IESSG, Nottingham, NG7 2RD, UK 44(0) 115 951 3924 44(0) 115 951 3881 helen.baker@nottingham.ac.uk	BALDWIN, Dr Mark IAMAS Northwest Research Associates P.O.Box 3027, Bellevue, WA, 98009- 3027, USA 425-644-9660 EXT.323 425-644-8422 mark@nura.com	BAPTISTA, Dr Maria Ana CGUL , Rua Da Escola Politecnica 58, Lisbon, 1250, Portugal +351 1 3953327 +351 1 3953327 mariaana@fc.ue.pt
BAGCI, Dr Gunruh IASPEI Earthquake Research Department Eskisehir, Ankara, 06530, Turkey +90 312 285 3648 +90 312 287 5304 bagci@sismo.deprem.gov.tr	BAKER, Mr David IAG University of Nottingham lessg, Nottingham, NG7 2RD, UK 44(0)115 951 3881 44(0)115 951 3881 isxdfb@isn1.iessg.nottingham.ac.uk	BALLANI, Dr Ludwig IAG GFZ Potsdam Telegrafenberg, Potsdam, D-14473, Germany ++49 331 2881 142 ++49 331 2881 163 bal@gfz-potsdam.de	BARAN, Dr Anthony Meteorological Office Satellite Soundings, Room 339, London Road, Bracknell, London, RG12 2ST, UK 01344 856637 01344 854026 liibasaremeto.gov.uk

BARAN, Lubomir IAG Olsztyn University Inst. of Geodesy, Olsztyn, 10 957, Poland 48 89 5233279 48 89 52334768 baran@moskit.art.olsztyn.pl	BARRETO, Professor Luiz M IAGA Observatorio Nacional Rua General Bruce. 586, Rio De Janeiro, RJ, 20921-400, Brazil +55 21 585 3215 +55 21 580 3782 barreto@on.br	BARTON, Dr Eric Desmond IAPSO University of Wales, Bangor School of Ocean Sciences, Menai Bridge, Anglesey, Wales, LL59 5EY, UK 01248 382848 01248 382848 e.d.barton@bangor.ac.uk	BATES, Dr John IAMAS NOAA/ERL Environmental Technology Lab., 325 Broadway, Boulder, Colorado, 80303, USA 303 497 6646 303 497 7013 bates@cdc.noaa.gov
BARBADILLO, Mr Antonio IAG Instituto Geografico Nacional C/ General Ibañez Ibere, 3, Madrid, 28003, Spain 34 91 597 94 39 abarbadillo@mfom.es	BARRETT, Dr Eric IAHS University of Bristol Centre for Remote Sensing, School of Geographical Science, Bristol, B58 155, UK 0117 9287872 0117 9287878 e.c.barrett@bms.ac.uk	BARTON, Dr Ian IAMAS CSIRO Marine Research Po Box 1538, Hobart, 7001, Australia 613 62325481 613 62325123 ian.barton@marine.csiro.au	BATES, Professor John Ray IAMAS Danish Centre for E.S.S University Of Copenhagen, Juliane Maries, Copenhagen, DK-2100, Denmark 45 35320569 45 35320576 jrb@gfy.ku.dk
BARBERI, Professor Franco IAVCEI Dipartimento Protezione Civile Via Vepiano 11, Rome, 00193, Italy 39 06 6820205 39 06 68897696 fbarbe@tin.it	BARRIE, Dr Leonard IAMAS Environment Canada Atmospheric Environment Serv., 4905 Dufferin St., Toronto, M3H 5T4, Canada +1 416 739 4868 +1 416 739 4868 len.barrie@ec.gc.ca	BARZAGHI, Professor R. IAG Politecnico Di Milano Diar-Sez. Rilevamento, Piazza Leonardo DA Vinci 32, Milano, 20133, Italy +390223996528 +390223996530 riccardo@ipmtf4.topo.polimi.it	BATISTA, Dr Paulo INPE National Inst. Space Research, AV. Astronautas 1758, SAO Jose Dos Campos, 12201 970, BRAZIL pbatista@laser.inpe.br +55 12 345 6957 +55 12 345 6952
BARCLAY, Dr Jenni IAVCEI Universite De Geneve Departement De Mineralogie, 13, Rue De Maraichers, Geneve 4, 1211, Switzerland +41 22 702 6893 +41 22 320 5732 jennifer.barclay@terre.unige.ch	BARRIOT, Dr Jean-Pierre IAG CNES 18, Avenue E Belin, Toulouse, 31401, France +33 5 61 25 30 98 +33 5 61 33 78 94 Tean-Pierre.Barriot@cnes.fr	BASCHEK, Mr Burkard IAPSO IFM KIEL Inst Fuer Meereskunde, Duesternbrooker WEG 20, KIEL, D- 24105, Germany ++49 431 597 73 895 ++49 431 5973891 bbaschek@ifm.uni-kiel.de	BATLLO, Dr Josep IASPEI Escola Universitaria Dr Manyà Cami B, CRTO, Simpztica, Tortose, 43500, Spain +34 977 441144 +34 977 442686 jbo@tinet.fvt.es
BARD, Dr Pierre-Yves IASPEI LCPC/LGIT Grenoble BP 53, Grenoble Cedex, 38041, France 33 476 828 061 33 476 828 101 bard@obs.ujf-grenoble.fr	BARROS, Professor Lucas V IASPEI University of Brasilia Seismological Observatory, CP 04598, Campus Universitario, Asa Norte, Brasilia-DF, 70910-900, Brazil (+55)61 349 4453 (+55)61 274 5927 barros@und.br	BASHAM, MR PETER IASPEI PTS/CTBTO , A-1400, Austria Vienna International Centre, P.O. Box 1200, Vienna +43 1 26030 6178 +43 1 26030 5922 peter.basham@ctbto.org	BAUER, Dr Peter IAMAS DLR Linder Hoche, Cologne, 51147, Germany peter.bauer@dlr.de
BARDOSSY, Professor A. IAHS IWS, University of Stuttgart IWS, Pfaffenwaldring 61, Stuttgart, D-70550, Germany +49 711 685 4663 +49 711 685 4746 bardossy@iws.uni-struttgart.de	BARRY, Mr Leon IAMAS University Of Reading Meteorology Department, 2 Earley Gate, Whiteknights, Reading, RG6 2AU, UK 01189 9875123 EXT 4280 01189 31 8905 swr97lb@met.rdg.ac.uk	BASHKIROV, Dr Vladimir IAGA NASDA OF JAPAN OFFICE RESEARCH & DEVELOPMENT, 2-1-1 SENGEN, TSUKUBA, IBARAKI, 305-8505, JAPAN +81 298 52 2467 +81 298 52 2299 vladimir.bashkirov@nasda.go.jp	BAUER, Hans-Stefan Max Planck Institute , Bundesstrabe 55, 20146, Germany +49 40 41173 119 +49 40 41173 366 stefan.bauer@dkrz.de
BARKVED, Ms Line Johanne IAHS University of Oslo Institute of Geography, Stensgt. 33 D, Oslo, 0358, Norway ++47 22 59 49 25 l.j.barkved@geografi.uio.	BARRY, Professor Roger IAMAS CIRES/NSIDC University of Colorado, Campus Box 449, Boulder, Co, 80309-0449, USA 1 303 492 5488 1 303 492 2468 rbarry@kryos.colorado.edu	BASS, PROFESSOR JAY IASPEI UNIVERSITY OF ILLINOIS GEOLOGY DEPARTMENT, 1301 W GREEN ST, URBANA, ILLINOIS, 61801, USA 1 217 333 1018 1 217 244 4996 bass@hercules.geology.uiuc.edu	BAUMGARDNER, Darrel IAMAS NCAR , Box 3000, Boulder, Colorado, 80307, USA 303 497 1054 303 497 1092 darrel@ucar.edu
BARLIER, Dr Francois IAG OCA/CERGA/GRGS Avenue Copernic, Grasse, 06130, France 33 4 93 40 53 46 33 4 93 40 53 33 barlier@obs-azur.fr	BARSUGLI, Dr Joseph IAMAS Climate Diagnostics Center 325 Broadway, Boulder, Colorado, 80303, USA 303 497 6042 303 497 6449 jbb@cdc.noaa.gov	BASU, DR SANTIMAY IAGA Air force Research Laboratory 900 North Stafford Street, APT 2630, Arlington, Virginia, 22203, USA +1 202 404 4384 +1 202 767 0631 santimay@aol.com	BAUMJOHANN, Dr Wolfgang IAGA MPI Extrater. Physik POSTF. 1603, Garching, D-85740, Germany 49 89 32993539 49 89 32993569 bj@mpe.mpg.de
BARNES, Dr Chris IAHS Australian National University Dept. of Engineering, Canberra, Act, 0200, Australia 61 2 6231 6573 61 2 6231 1051 chris.barnes@faceng.anu.edu.au	BARTON, Dr Charles IAGA AUSTR. Geolog. Survey Org. GPO Box 378, Canberra, Act 2601, Australia 61-2-6249-9611 61-2-6249-9913 cbarton@agso.gov.au	BASU, Dr Sunanda IAGA National Science Foundation 4201 Wilson Boulevard #775, Arlington, Virginia, 22230, USA +1 703 306 1529 +1 703 306 0849 sbasu@nsf.gov	BAY, Mrs Francesca IASPEI Institute of Geophysik, Ethz Eth-Hoenggerberg, HPP P 1.1, Zuerich, 8093, Switzerland +41 1 6332633 bay@seismo.ifg.ethz.ch
BARRACLOUGH, Dr David IAGA British Geological Survey Murchison House, West Mains Road, Edinburgh, EH9 3LA, UK 0131 650 0235 0131 668 4368 d.barraclough@bgs.ac.uk			BDOUR, Mr Ahmed Naeif IAHS University Of Jordan Inst. of Hydrology, Maclean Building, Crowmarsh Gifford, Wallingford, OX10 8BB, UK 01491 692214 01491 692430 s.butterfield@ioh.ac.uk

BEACH, Dr Reginald Office of Naval Research 800 N. Quincy Street, Arlington, VA, 22217, USA 703 696 6523 703 696 8423 beachr@onr.navy.mil		BEER, Professor Tom IAMAS/IAPSO Csiro Private Bag 1, Aspendale, Vic., 3195, Australia +613 9239 4546 +613 9239 4444 tom.beer@dar.csiro.au	BELYAEV, Dr Pavel P IAGA NIRFI C/O T Bösinger/Univ. of Oulu, Dept. Phys. Scie. Po Box 3000, Oulu, Fin- 90401, Finland +358 8 553 1360 +358 8 553 1287 tilmann.bosinger@oulu.fi	BERDEKLIS, Dr Peter IAMAS University of Toronto 1035 Dornier Street, Mississauga, Ontario, L5E 1T7, Canada (416) 350 8282 (416) 350 8222 pberdeklis@maplepartners.com
BEARD, Mr Gary IAGA Prifysgol Cymru Aberystwyth Physics Department, Penglais, Aberystwyth, Ceredigion, Wales, SY23 3BZ, UK 01970 621902 01970 622826 agb@aber.ac.uk	BEG PAKLAR, Ms Gordana IAPSO Inst. Oceanography & Fisheries Set Ivana Mestrovica 63, Split, 21000, Croatia 385 21 358 688 385 21 358 650 beg@jadtan.izot.hr	BEN AHMED Daho, Dr S.A. IAG CNTS Geodetic Laboratory BP 13, Arzew, 31200, Algeria 213 6 47 2580 213 6 47 3454	BERGER, Dr Franz H. IAMAS Dresden Univ. of Technology IHM/Dept. of Meteorology, Piennnerstr. 9, D-01737, Germany +49 35203 381345 +49 35203 381302 berger@forst.tu-dresden.de	BERGER, Dr Jonathan IASPEI University of California UCSD, IGPP-0225, 9500 Gilman Dr, La Jolla, California, 92093 0225, USA (619) 534 2889 (619) 534 6354 jberger@ucsd.edu
BEARE, Mr Robert IAMAS Reading University Meteorology Department, Earley Gate, Po Box 243, Reading, England, RG6 6BB, UK 0118-931 8950 swr98rjb@met.rdg.ac.uk	BEGHOUL, Dr Noureddine IASPEI I.S.C Pipers Lane, Thatcham, RG19 4NS, UK 01635 861022 01635 872351 nour@isc.ac.uk	BENCIOLINI, Mr Giovanni IAG University Of Trento Via Mesiano 77, Trento, I-38050, Italy ++39 + 0461 882832 ++39 + 0461 882872 battista.benciolini@ing.unitn.it	BERGER, Dr Andre IAMAS Universite Cath. De Louvain Univers. Catholique De Louvain, Louvain-La-Neuve, B- 1348, Belgium 32-10-473297 32-10-474722	BERGMAN, Dr Eric IASPEI GSS 601 16th St., #C390, Golden, Colorado, 80401, USA 1 303 278 4089 1 303 278 4089 bergam@seismo.com
BEAVAN, Dr John IAG IGNS Po Box 30-368, Lower Hutt, New Zealand ++64 4570 4641 ++64 4566 6168 j.beavan@gns.cri.nz	BEHREND, Dr Dirk IAG IEEC/CSIC Edif. Nexus-204, Gran Capitan, 2-4, Barcelona, 08034, Spain +34 93 280 2088 +34 93 280 6395 behrend@ieec-fcr.es	BENCZE, Professor Pal IAGA Hungarian Acad. of Sciences Geodetic and Geophysical Inst., P.O. Box 5, Sopron, H-9401, Hungary 0036-99-314 290 0036-99-313 267 bencze@ggki.hu	BERGMAN, Dr Michael IASPEI Simon's Rock College Physics Department, 84 Alford Road, Great Barrington, MA, 01230, USA 1-413-528-7432 1-413-528-77365 bergman@simons-rock.edu	BERGMAN, Dr Robert W IAMAS Bay Area Envir. Research Inst. 3430 Noriega Street, San Francisco, California, 94122, USA +1 415 566 1168 +1 415 566 1168 bergstro@sky.arc.nasa.gov
BECK, Professor Alan IASPEI University of Western Ontario Department of Earth Sciences, London, Ontario, N6A 5B7, Canada 519 661 3142 519 661 3837 abeck@julian.uwo.ca	BELENKAYA, Dr Elena IAGA Moscow State University Institute of Nuclear Physics, Moscow, 119899, Russia +7 095 393 39 21 +7 095 939 35 53 elena@decl.npi.msu.ru	BENDE-MICHL, Mrs Ulrike IAHS Institut Fur Geographie Lobdergraben 32, Jena, D-07743, Germany ++49-3641-948856 ++49-3641-948852 c5ulbe@geogr.uni-jena.de	BERGSTRÖM, Dr Robert W IAMAS Bay Area Envir. Research Inst. 3430 Noriega Street, San Francisco, California, 94122, USA +1 415 566 1168 +1 415 566 1168 bergstro@sky.arc.nasa.gov	BERGSTROM, Professor Sten IAHS SMHI Folkborgsv 1, Norrköping, S-60176, Sweden +46 11 495 82 92 +46 11 495 80 01 sten.bergstrom@smhi.se
BECKER, Dr Alfred IAHS PIK POTSDAM P.B. 601203, Telegrafendurg C4, Potsdam, 14412, Germany	BELOUSOVA, Dr Anna IAHS Water Problems Institute Russian Academy of Sciences, 3 Gubkina Str., Moscow, GSP-117735, Russia (095)135 56 58 (095)135 54 15 anabel@iwapr.msk.ru	BENDIMERAD, Dr Fouad IAG RMS, INC 149 Common Wealth Drive, Menlo Park, California, 94025, USA 1 650 617 65 66 1 650 617 66 08 fouad@riskinc.com	BERGSTRÖM, Dr Robert W IAMAS Bay Area Envir. Research Inst. 3430 Noriega Street, San Francisco, California, 94122, USA +1 415 566 1168 +1 415 566 1168 bergstro@sky.arc.nasa.gov	BERNSTROM, Professor Sten IAHS SMHI Folkborgsv 1, Norrköping, S-60176, Sweden +46 11 495 82 92 +46 11 495 80 01 sten.bergstrom@smhi.se
BECKER, Matthias IAG Bundesamt F. Karto. & Geodasie Richard Strauss Allee 11, Frankfurt, 60598, Germany +49 6333 263 +49 6333 425 becker@ifeig.de	BELOUSOVA, Dr Marina IAVCEI IVGG Vavilova Str, 31/1-28, Moscow, 117312, Russia 7 095 1264516 7 095 7193776 a.belousov@relcom.ru	BENJAMIN, Dr Stan IAMAS NOAA, forecast Systems Lab. R/E/Fs1, 325 Broadway, Boulder, Colorado, 80303, USA +1 303 497 6387 benjamin@fsl.noaa.gov	BERNSTROM, Professor Sten IAHS SMHI Folkborgsv 1, Norrköping, S-60176, Sweden +46 11 495 82 92 +46 11 495 80 01 sten.bergstrom@smhi.se	BERNARD, DR PASCAL IASPEI I.P.G.P. 4 Place Jussieu, Paris, 75252, France +33 144 272414 bernarde@ipgg.jussieu.fr
BECKER, Professor Keir University Of Miami Rsmas, 4600 Rickenbacker Causeway, Miami, FL, 33149, USA 1 305 361 4661 1 305 361 4632 kbecker@rsmas.miami.edu	BELOVA, Dr Evgenia IAMAS Swedish Inst. of Space Physics Box 812, Kiruna, SE-98128, Sweden +46 980 79112 +46 980 79091 belova@irf.se	BENNETT, Dr Richard IAG Harvard-Smithsonian CFA 60 Garden Street, MS42, Cambridge, 02138, USA +1 (617)495 7453 +1 (617)495 7345 rbennett@cfa.harvard.edu	BERNSTROM, Professor Sten IAHS SMHI Folkborgsv 1, Norrköping, S-60176, Sweden +46 11 495 82 92 +46 11 495 80 01 sten.bergstrom@smhi.se	BERNARD, EDDIE IAPSO NOAA / PMEL 7600 Sandpoint Way Ne, Seattle, 98115, USA +1 200 526 6800 bernard@pmcl.noaa.gov
BECKMAN, Professor Olof IAGA Uppsala University Dept. of Material Science, Box 534, Uppsala, S-751 21, Sweden +46 18 471 30 66 +46 18 500 131 olof.beckman@angstrom.uu.se	BELTAOS, Spyros IAHS National Water Research Inst. 867 Lakeshore Blvd, Burlington, L7r 4a6, Canada 905 336 4898 905 336 4420 spyros.beltaos@cciw.ca	BENTLEY, Dr Robert IAGA Mullard Space Science Lab. Holbury St. Mary, Dorking, RH5 6NT, UK +44 1483 274111 +44 1483 278312 rdh@mssl.ucl.ac.uk	BERNSTROM, Professor Sten IAHS SMHI Folkborgsv 1, Norrköping, S-60176, Sweden +46 11 495 82 92 +46 11 495 80 01 sten.bergstrom@smhi.se	BERNARD, EDDIE IAPSO NOAA / PMEL 7600 Sandpoint Way Ne, Seattle, 98115, USA +1 200 526 6800 bernard@pmcl.noaa.gov
BEER, Dr Juerg EAWAG Ueberlandstrasse 133, Duebendorf, Ch- 8600, Switzerland +41 1 823 52 11 +41 1 823 52 10 beer@eawag.ch	BELYAEV, Dr Alexey IAMAS Inst. of Applied Geophysics Lomonosovskiy 14, 603, Moscow, 117296, Russia (095)938 0632 belyaev@rc.msu.ru	BERBERY, Dr Ernesto Hugo IAMAS University of Maryland Department of Meteorology, 3411 Computer & Space Sci.Bld., College Park, Maryland, 20742-2425, USA 001-301-405-5351 001-301-314-9482 berbery@atmos.umd.edu	BERNSTROM, Professor Sten IAHS SMHI Folkborgsv 1, Norrköping, S-60176, Sweden +46 11 495 82 92 +46 11 495 80 01 sten.bergstrom@smhi.se	BERNARD, EDDIE IAPSO NOAA / PMEL 7600 Sandpoint Way Ne, Seattle, 98115, USA +1 200 526 6800 bernard@pmcl.noaa.gov

BERNDT, Mr Hauke IAMAS Institut Fuer Meereskunde An Der Universität Kiel, Düsternbrooker WEG 20, KIEL, 24105, Germany 0049 0 431 597 3974 0049 0 431 565876 hberndt@ifm.uni-kiel.de	BEUCLER, Mr Eric IASPEI IPGP 4 Place Jussieu, Tour 14-24, 4 EME Etage, Paris Cedex 05, 75252, France 33 01 44 27 24 69 33 01 44 27 38 94 beucler@ipgp.jussieu.fr	BIESECKER, Dr Douglas IAGA SM&A CORPORATION NASA/GSFC, Mail Code 682.3, Greenbelt, Md, 20771, USA +1 301 286 3116 +1 301 286 0264 doug@sungrazer.nascom.nasa.gov	BIRKETT, Dr Charon IAHS NASA GSFC Mail Code 971, Greenbelt, MD-20771, USA 301 614 5923 301 614 5644 cmb@nemo.gsfc.nasa.gov
BERNHARDT, Professor K H IAGA Platz Der Vereinten, Nationen 3, Berlin, D-10249, Germany 45 3 014260750	BEUTLER, Professor G. IAG Astronomical Institute Sidlerstrasse 5, Bern, CH 3012, Switzerland ++41 31 631 8591 ++4131 631 3869 beutler@aiub.unibe.ch	BIGGIN, Mr Andrew IAGA Kingston University 10 Grierson House, Aldrington Road, Streatham, London, SW16 1TN, UK 0181 547 2000 EXT 2215 k975377@kingston.ac.uk	BISWAS, Dipak K. Kobe University 2-4-2-E208, Minatojima Nakamachi, Kobe, 650-0046, Japan +81 78 803 5758 +81 78 803 5757 dipak@kobe-u.ac.jp
BERRILLI, Dr Francesco Universita Tor Vergata Dip. Fisca, V. Le Ricerca Scientifica 1, Roma, I-00133, Italy +39 06 725 944 30 +39 06 20 23 507 berrilli@roma2.infn.it	BEVIS, Professor Michael IAG University of Hawaii HIGP, 2525 Correa Rd, Honolulu, HAWAII, HI 96822, USA 808 956 7864 808 956 3188 bevis@soest.hawaii.edu	BIGGS, Dr Nick Keele University Department Of Mathematics, Keele, Staffordshire, ST5 5BG, UK 01782 621 111 EXT 7080 01782 584 268 n.r.t.biggs@keele.ac.uk	BJORNSSON, Dr Halldor IAPSO Princeton University P.O.Box 308, Princeton Univ., Princeton, New Jersey, 08542, USA +1(609) 4526548 +1(609) 9875063 hnb@gfdl.gov
BERRISFORD, Dr Paul IAMAS University Of Reading CGAM, Department of Meteorology, Reading, RG6 6BB, UK 01189 9875123ext4383 paul@met.rdg.ac.uk	BIAGI, Dr Ludovico IAG IGeS C/O Politecnico Di Milano P. Le Gerbetto 6, Como, 22100, Italy +39 031 3327362 +39 031 3327365 ludo@gemini.como.polimi.it	BIJAKSANA, Dr Satria IAGA Inst. Teknologi Bandung Physics Department, Jalan Ganesa 10, Bandung, 40132, Indonesia +62 22 2500834 +62 22 2506452 fisika@bdg.centrin.net.id	BLACK, Dr Andrew IAHS University Of Dundee Geography Department, Dundee, DD1 4HN, UK 44 1382 344433 44 1382 344434 a.z.black@dunde.ac.uk
BERRY, Professor Philippa IAG De Montfort University Geomatics Unit/Faculty of, Compu. & Eng./ James Went Bldg, Leicester, LE1 9BH, UK +44 1162 577 497 +44 1162 541 891 pamb@dmu.ac.uk	BIAGI, Professor Pier F IASPEI University of Bari Department of Physics, Via Amendola, 173, Bari, 70126, Italy +39 080 5442343 +39 080 5442434 biagi@fisica.uniba.it	BIJWAARD, Mr Harmen IASPEI Utrecht University Budapestlaan 4, Utrecht, 3584 CD, The Netherlands 31 302533048 31 302535030 bijwaard@geo.uu.nl	BLACKBURN, Dr Michael IAMAS University Of Reading Department Of Meteorology, Po Box 243, Earley Gate, Reading, RG6 6BB, UK 0118 931 8327 0118 931 8316 m.blackburn@rdg.ac.uk
BERTRAND, Dr Cedric IAMAS Univ. Catholique De Louvain Inst. Astro. & Geo./G.Lemaitre, 2, Chemin Du Cyclotron, Louvain-La- Neuve, 1348, Belgium +32 10 47 30 64 +32 10 47 47 22 cedric@astr.ucl.ac.be	BIAN, Dr Shaofeng IAG WTUSM Luoyo Road 39, Wuhan, 430070, China +86 27 8575 1171 +86 27 8678 3841 shaofeng@public.wuhan.cngb.com	BINGHAM, Professor F IAPSO Univ. of N. Carolina Dept. of Phys. & Phys. Ocean., 601 S.College Road, Wilmington, NC, 28403, USA 1 910 962 7015 1 910 962 7014 binghamf@uncwil.edu	BLACKFORD, Mr Michael IASPEI IOC-USNWS/INT. Tsunami INF.CTR 737 Bishop Street Suite 2200, Honolulu, HI, 96813-3213, USA 1 808 532 6423 1 808 532 5576 michael.blackford@noaa.gov
BESSAT, Dr Frederic IAMAS Universite Paris-Sorbonne 191 Rue Saint-Jacques, Paris, 75005, France 330 144321 438 frederic.bessat@paris4.sorbonne.fr	BIANCALE, Richard IAG CNES 18 AV E Berlin, Toulouse, Cedix 4, 31400, France 0561 332978 richard.biancale@cnes.fr	BINGLEY, Dr Richard IAG University of Nottingham IESSG, University Park, Nottingham, NG7 2RD, UK 0115 951 3932 0115 951 3881 richard.bingley@nottingham.ac.uk	BLAGOVESHCHENSKAYA, Nataly IAGA Arctic & Antarctic RE. INST. 38 Bering Street, St Petersburg, 199 397, Russia (+7) 812 352 0601 (+7) 812 352 2688 nataly@aavi.nw.ru
BETH, Mr Stefan IAG University of Kaiserslautern AG Geomathematik Pastfach 304, Kaiserslautern, 67653, Germany 0049 631 205 3620 0049 631 29081 beth@mathematik.uni-ki.de	BIBBY, Dr Hugh M. IAGA/IAVCEI Inst. Geological & Nuclear Sci Gracefield Research Center, P.O. Box 30 368, Lower Hutt, New Zealand 64 4 570 4804 64 4 570 4603 h.bibby@gns.cri.nz	BIRCH, Mr Paul IAGA University of Warwick Space & Astrophysics Group, Physics Department, Coventry, CV7 4AL, UK 01203 523523 birch@astro.warwick.ac.uk	BLAIN, Dr Cheryl Ann UNION NAVAL Research Laboratory Oceanography Div. (CODE 7322), Stennis Space Center, 39529, USA 228 688 5450 228 688 4759 cheryl.ann.blain@nvlssc.navy.mil
BETTADPUR, Dr Srinivas IAG Center for Space Research University of Texas & Austin, 3925 W. Braker Lane, Suite 200, Austin, 78759-5321, USA +1 512 471 7587 +1 512 471 3570 srinivas@csr.utexas.edu	BIBILASHVILI, Dr Tamar IAMAS Tbilisi State University Georgia	BIRD, Alison IASPEI I.S.C. Pipers Lane, Thatcham, RG19 4NS, UK 01635 861022 01635 872351 bird@isc.ac.uk	BLAKE, Dr John Bernard IAGA The Aerospace Corporation Space Sciences Department, PO Box 92957, Los Angeles, CA, 90402, USA 310 336 7078 310 336 1636 jbernard.blake@aero.org
BETTS, Dr Richard IAMAS Hadley Centre, UK Met Office , Bracknell, RG12 2SY, UK 01344 856877 01344 854898 rabetts@meto.gov.uk	BIELIK, Dr Miroslav IASPEI Slovak Academy of Sciences Geophysical Institute, Dubraush Cesta 9, Bratislava, 842 28, Slovak Republic +421 7 59710604 +421 7 53425366	BIRENDA PRASAD, Dr Pandey IAGA Indian Inst. of Geomagnetism Dr Nanabhai, MOOS Road Near R.C.Church, Colaba, Mumbai, 400005, India +91 22 2189569 +91 22 2189568 pandey@iig.iigm.res.in	BLANCHARD, Professor G IAGA Southeast. Louisiana Univ. Dept. of Chemistry & Physics, SLU 10878, Hammond, LA, 70402-0878, USA 504-549-2158 504-549-5126 gblanchard@selu.edu

BLANCO-CANO, Dr Xochitl IAGA UNAM CI Acan, Udad Universitaria, Inst. De Geofisica, Coyd, 04510, Mexico 525 622 41 42 525 550 24 86 xbc@fis-esp.igeofcu.unam.mx	BLOXHAM, Professor Jeremy IAGA Harvard University 20 Oxford Street, Cambridge, Massachusetts, 02138, USA +1 617 495 9517 +1 617 495 8839 jeremy_bloxham@harvard.edu	BOEHM, Mr Matthew IAMAS Pennsylvania State University Dept. of Meteorology, 503 Walker Building, University Park, Pennsylvania, 16802, USA (814) 865 1678 (814) 865 3663 boehm@essc.psu.edu	BOLT, Professor Bruce IASPEI University of California 1491 Greenwood Terrace, Berkeley, CA, California, 94708, USA 510-843-7935 510-845-4816 boltuc@socrates.berkeley.edu
BLASCHKE, Dr Alfred Paul Vienna Univ. of Technology Institute of Hydraulics, Karlsplatz 13, Vienna, A-1040, Austria +43 1 58801 22325 +43 1 58801 22399 blaschke@hydro.tuwien.ac.at	BLUTH, Dr Gregg IAVCEI Michigan Technological Univ. Geology Department, Houghton, MI, 49931, USA 001-906-487-3554 001-906-487-3371 gbluth@mtu.edu	BOENING, Professor Claus IAPSO Universitaet Kiel Abteilung Theoretische Ozeano, Duesternbrooker WEG 20, Kiel, 24105, Germany 0049 431 597 3979 0049 431 56 58 76 cboening@ifm.uni-kiel.de	BONACCI, Professor Dr O IAHS University of Split Civil Engineering Faculty, Matice Hrvatske Str. 15, Split, 21000, Croatia 38521303340 38521524162 obonacci@gradst.hr
BLATTER, Dr Dawnika IAVCEI U.C. Berkeley Dept. Geology & Geophysics, Berkeley, California, 94596, USA 510 642 3995 510 642 9980 dblatter@uclink4.berkeley.edu	BLYTH, Dr Eleanor IAHS Institute of Hydrology Wallingford, Oxon, OX10 8BB, UK 01491 692463 01491 692424 e.blyth@ioh.ac.uk	BOGALO, Dr Mari Fe IAGA Universidad De Burgos Dept. Fisica/Facultad Ciencias, Plaza Misael Banuelos S/N, Burgos, 09001, Spain 34 947 258893 mbogalo@ubu.es	BOND, Dr Gerard IAMAS Lamont-Dohery Earth Observat. RT. 9W, Palisades, New York, 10964, USA 001-914-365 8478 001-914-365 8154 gcb@ideo.columbia.edu
BLECKI, Jan IAGA Space Research Centre Bartycka 18A, Warsaw, 00716, Poland +48 22 8403766 +48 22 8403131 jblecki@cbk.waw.pl	BOBROVNIKOV, Dr Sergey Moscow State University Scobel'syn Inst. Of Nuclear, Physics, Moscow, 119899, Russia +7 095 939 58 62 +7 095 939 35 53 sergo@decl.npi.msu.su	BOGDANOV, Dr Alexander IAGA MPAe Giessenbach Strasse, Postfach 1603, Garching, D-85740, Germany 0049 89 3299 3373 0049 89 3299 3565 atb@mte.mpg.de	BONDAR, Dr Istvan IASPEI CTBTO PTS Vienna International Centre, Pob. 1200, Vienna, A-1400, Austria 431 26030 6260 431 26030 5874 bondar@idc.ctbto.org
BLIGHTON, Mr Rick IAG Ashtech Europe Ltd 1 Southlands, Aston, OX18 2DA, UK 01993 852436 01993 852437 rick@ashtech.co.uk	BOCHSLER, Professor Peter University of Bern Physikalisches Institut, Sidlerstrasse 5, Bern, 3012, Switzerland ++41316314429 ++41316314405 bochsler@phim.unibe.ch	BOGEN, Jim IAHS Water Res. & Energy Dir. PO Box 5091 MAJ, OSLO, 0301, Norway 22 95 9146 jbo@noe.no	BONFORTE, Dr Alessandro IAG/IAHA IST. Internaz Di Vulcanologia Piazza Roma, 2, Catania, 95123, ITALY +39 095 448084 bonforte@iiv.ct.it
BLITZKOW, Professor D. IAG University of Sao Paulo Epusp-Ptr, Caixa Postal 61548, Sao Paulo, 05424-970, Brazil 0055-11-818 5501 0055-11-818 5716 dblitzko@usp.br	BOCK, Dr Yehuda IAG Scripps Inst. of Oceanography Iggp Room 4208, 9500 Gilman Drive, La Jolla, California, 92093, USA +1 619 534 5292 +1 619 534 9873 ybock@ucsd.edu	BOGUSZ, Mr Janusz IAG Warsaw Univ. of Technology PL. Politechniki 1, Warsaw, 00-661, Poland 48 22 6210052 jb@gik.pw.edu.pl	BONGARTZ, Mr Klaus IAHS Institut Fur Geographie Lobdergraben 32, Jena, D-07743, Germany +49 3641 948861 +49 3641 948852 c7boke@geogr.uni.jena.de
BLIX, Dr Tom IAGA Norwegian Defence Research ES PO Box 25, Kjeller, N-2027, Norway 0047-63807329 0047-63807212 tab@ffi.no	BODEKER, Dr Greg IAMAS NIWA Niwa-Lauder, Private Bag 50061, Omakau Central Otago, 9182, New Zealand +64 3 447 3411 +64 3 447 3348 bodeker@kea.lauder.cri.nz	BOHM, Dr Reinhard IAMAS ZAMG Hohe Warte 38, Vienna, 1190, Austria 0043 1 36026 2203 0043 1 36026 72 reinhard.boehm@zamg.ac.at	BONOMI, Dr Tullia IAHS Univ. Degli Studi M-B Via Emanuelli 15, Milan, 20126, Italy +33 0264474427 +33 0264474400 bonomi@disat.unimib.it
BLOMBERG, Dr Lars IAGA Alfrén Laboratory Royal Institute of Technology, Stockholm, SE-10044, Sweden +46 8 790 7697 +46 8 24 54 31 blomberg@plasma.kth.se	BODVARSSON, Reynir IASPEI Uppsala University Villavagen 16, Uppsala, 75236, SWEDEN +46 18 4712378 +46 18 501110 rb@geofys.uu.se	BOKUNIEWICZ, Professor H UNION State University of New York Marine SCI. Research Center, Stony Brook, New York, 11794-5000, USA 001 516 6328674 001 516 6328820 hbokuniewicz@notes.sunysb.edu	BOOTH, Dr David IASPEI British Geological Survey Murchison House, Edinburgh, EH9 JLA, UK +44 131 667 1000 +44 131 667 1877 d.booth@bgs.ac.uk
BLOSCHL, Professor Gunter IAHS TU WIEN Inst. F Hydraulik, Karlsplatz 13/223, Vienna, 1040, Austria g.bloschl@email.tuwien.ac.at	BOEDECKER, Dr Gerd IAG Bavarian Academy of Sciences Marshallplatz 8, Munchen, 80539, Germany 0049-89-23031212 0049-89-23031100 boe@bek.badw-muenchen.de	BOLGOV, Professor Mikhail IAHS Russian Academy of Sciences Water Problems Institute, 3 Gubkina Street, Moscow, GSP1117735, RUSSIA 7095 135 39 90 7 095 135 54 15 bolgov@iwapr.msk.su	BOOTH, Mr Simon IAG University of Nottingham IESSG, Nottingham, NG7 2RD, UK 44 (0) 115 9515151 X18508 44 (0) 115 951 3881 isxjb@isn1.iessg.nottingham.ac.uk
BLOWER, Mr Jonathan IAVCEI University of Bristol Dept. of Earth Sciences, Wills Memorial Bldg, Queens Rd, Bristol, BS8 1RJ, UK 0117 954 5244 0117 925 3385 Jon.Blower@bris.ac.uk	BOEHLER, Dr Reinhard MPAe Hochdruck - Mineralphysics, Postfach 3060, Mainz, 55020, Germany 00 49 6131 305252 00 49 6131 305330 boe a mpch-mainz.mpg.de	BOL'SHAKOV, Vyacheslav IAMAS/IAGA Moscow State University Department of Geography, Moscow, 119899, Russia 095 939 21 52	BORGHI, Miss Alessandra IAG Politecnico Di Milano Diar Sez. -Rilevamento, Piazza Leonardo Da Vinci 32, Milano, 20133, ITALY +39 0223996502 +39 0223996530 ale@ipmtf4.topo.polimi.it

BORMANN, Mr Niels IAMAS Niwa/Vuw Centre of Excellence PO Box 14-Gol, Kilbirnie, Wellington, New Zealand +64 4 3860486 +64 4 3860574 n.bormann@niwa.cri.nz	BOSWINKEL, Mr Jan-Anne IAHS* NITG P.O. BOX 6012, Delft, 2600 JA, The Netherlands +31 15 269 71 64 +31 15 256 48 00 j.boswinkel@nitg.tno.nl	BOUZIANE, Dr Mustapha IAG CNTS Geodetic Laboratory Bp 13, Arzew, 31200, Algeria 213 6 47 2217 213 6 473454	BRANDT, Dr Alan IAPSO Johns Hopkins University Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD, 20723-6099, USA 240-228-5915 240-228-6908 alan.brandt@jhuapl.edu
BORMANN, Professor Peter IASPEI GFZ Potsdam Telegrafenberg E428, Potsdam, 14473, Germany 49 331 2881202 49 331 288 1293 OR 1204 course@gfz-potsdam.de	BOTELER, Dr David IAGA Geological Survey Of Canada 7 Observatory Crescent, OTTAWA, K1A 0Y3, Canada 1 613 837 2035 1 613 824 9803 boteler@geolab.nrcan.gc.ca	BOVILLE, Dr Byron IAMAS NCAR, Po Box 3000, Boulder, Colorado, 80307, USA 1 303 497 1337 1 303 497 1324 boville@ucar.edu	BRANDT, Mrs Ute IAGA GFZ Potsdam Telegrafenberg, Haus C, Potsdam, 14473, Germany +49 331 288 1381 +49 331 288 1302 brandt@gfz-potsdam.de
BOROVSKY, Joe IAGA Los Alamos National Lab, USA	BOTT, Ms Jackie British Geological Survey Murchison House, West Mains Road, Edinburgh, EH9 3LA, UK 0131-650-0224 0131-667-1877	BOWER, Dr Keith N. IAMAS The Physics Dept. Umist, P.O. Box 88, Manchester, M60 1QD, UK 0161 200 3952 0161 200 3951 k.bower@umist.ac.uk	BRASSEUR, Dr Olivier IAMAS Univ. Catholique De Louvain Chemin Du Cyclotron 2, 1348 Louvain-La-Neuve, 1348, Belgium 32 10 47 32 97 32 10 47 47 22 brasseur@astr.ucl.ac.be
BORRMANN, Dr Stephan GFZ Julich GmbH ILG-1, Zülich, 52428, Germany 0049 2461 613971 0049 2461 5346 j.borrmann@iz-juelich.de	BOUABDALLAH, Dr Hamza IAGA C.R.A.A.G BP 63 Bouzareah, Alger, 16340, Algeria 213 290 44 55 213 290 44 58 hamza68@hotmail.com	BOWERS, Dr David IASPEI AWE Awe Blacknest, Brimpton, Reading, RG7 4RS, UK 0118 982 6126 bowers@blacknest.gov.uk	BRATSETH, Professor Arne IAMAS University of Oslo Dept of Geophysics, Po Box 1022, Blindern, OSLO, 0315, Norway ++47 22855810 ++47 22855269 arne.bratseth@geo/ysikk.uio.no
BOS, Mr Machiel IAG CCMS Proudman Oceanographic Lab., Bidston Observatory, Birkenhead, Merseyside, L43 7RA, UK +44 0151 653 8633 +44 0151 653 6269 msb@pol.ac.ac.uk	BOUCHER, Mr Claude IAG IGN/ENSG-LAREG 6 & 8 Ave. Blaise Pascal, Cite Descartes, Champs-Sur-Marne, Marne-La-Vallee, 77455, France 33 1 64 15 32 50 33 1 64 15 32 53 boucher@ensg.ign.fr	BOX, Dr Gail IAMAS University of New South Wales School of Physics, Sydney, NSW, 2052, Australia +61 2 9385 4570 +61 2 9385 6060 gpb@newt.phys.unsw.edu.au	BRAUN, Dr Scott IAMAS NASA/GSFC Code 912, Greenbelt, Md, 20771, USA 301 614-6316 301 614-5492 braun@gilbert.gsfc.nasa.gov
BOSCH, Dr Wolfgang IAG DGFI Marstallplatz 8, München, D-80539, Germany +49 89 23031-240 bosch@dgfi.badw.de	BOUGEALT, Dr Philippe IAMAS Météo-France Cnrm, 42 Avenue G. Coriolis, Toulouse, 31057, France 33 5 61 07 93 58 33 5 61 07 96 26 philippe.bougeault@meteo.fr	BOYER, Dr Don IAPSO Arizona State University Dept. of Mechanical & Aerospace, Engineering, Tempe, AZ, 85287-6106, USA 1 602 965 1382 1 602 965 1384 don.boyer@sau.edu	BRAUTIGAM, Dr Donald IAGA US Air force Research Lab. AFRL/VSBS, Hanscom AFB, MA, 01731, USA 781 377 3890 781 377 3160 brautigam@plh.af.mil
BOSCHI, Mr Lapo Harvard University Dept. of Earth & Planet Sci., 20 Oxford Street, Cambridge, Massachusetts, 02138, USA 617 495 1172 boschi@seismology.harvard.edu	BOUNIOL, Dominique IAMAS CETP/CNRS 10112 Avenue De L'Europe, Velizy, 78140, France 01 39 25 39 24 demmique.bouniol@cetp.ipsl.fr	BOZO, Professor Laszlo IAMAS Hungarian MetService, Budapest, 1181, Hungary +36 1 2900163 +36 1 2904174 bozo@met.hun	BRAVO, Dr Silvia University of Mexico Coyoacan Dif, Mexico City, 04510, Mexico (525) 6224142 sbravo@tonatiuh.igeofu.unam.mx
BOSCOLO, Dr Roberta IAPSO WOCE IPO Southampton Oceanography Cent., Empress Dock, Southampton, SO14 3ZH, UK 023 8059 6205 023 8059 6204 rbos@soc.soton.ac.uk	BOURQUI, Mr Michel IAMAS ETHZ Inst. for Atmospheric Science, Ethz Hoenggerberg Hpp L14, Zuerich, 8093, Switzerland +41 1 633 2745 +41 1 633 1058 bourqui@atmos.umwn.ethz.ch	BRADSHAW, Mr Neil IAMAS University of Wales Department of Physics, Aberystwyth, Wales, SY23 3BZ, UK 01970 622 846 01970 622 826 ngb95@aber.ac.uk	BRAYSY, Mr Timo IAGA University of Oulu Dept. of Physical Sciences, PI 3000, Oulu, Fin-90401, Finland +358 8 553 1374 +358 8 353 1287 timo.braysy@oulu.fi
BOSTOCK, Dr Michael IASPEI University of British Columbia Dept. of Earth & Ocean Sci., 129-2219 Main Mall, Vancouver, British Columbia, V6T 1Z4, CANADA 604 822 2082 604 822 6047 bostock@geop.ubc.ca	BOURUET-AUBERTOT, Pascale University of Cambridge Silver Street, Cambridge, CB3 8EW, UK 01223 337866 pba@lodyc.jussieu.fr	BRAESICKE, Dr Peter IAMAS Freie Universität Berlin Institut Für Meteorologie, Carl-Heinrich-Becker-Weg 6-10, Berlin, 12 165, Germany +49 30 838 711 70 +49 30 838 711 67	BREACH, Mr Mark IAG Nottingham Trent University 148 Nottingham Road, Ravenshead, Notts, NG15 9HL, UK 0115 848 2753 0115 948 6450 mark.breach@ntu.ac.uk
BOSWELL, Dr Stephen Southampton Oceanography Cent. European Way, Southampton, SO14 3ZH, UK 01703 596440 01703 596204 szb@soc.soton.ac.uk	BOUSQUET, Dr Philippe CNRS/VVSQ 45 Grange, Paris, 75013, France pbousquet@cea.fr	BRAGINSKY, Dr Stanislav IAGA University of California UCLA, Igpp, 405 Hilgard Avenue, Los Angeles, California, 90095-1567, USA 001-310-794-1331 001-310-206-3051 sbragins@igpp.ucla.edu	BREEN, Dr Andrew IAGA University of Wales Physics Department, Penglais, Aberystwyth, SY23 3BZ, UK 01970 622418 01970 622826 azb@aber.ac.uk

BREGER, Dr Ludovic UC Berkeley Seismological Lab. 215, Mc Core Hall, Berkeley, 94720, USA 510 642 6994 510 643 5811 breger@seismo.berkeley.edu	IASPEI	BRIMLEY, Mr Bill Environment Canada 16th Floor Queen Square, 46 Alderney Dr., Dartmouth, Nova Scotia, B2y2n6, Canada 902 426 4819 902 426 9158 bill.brimley@ec.gc.ca	IAHS*	BROOKS, Dr Ian Scripps Inst. of Oceanography C/O Cmas School of Environment, Benedicy Bldg/St Georges Way, Sunderland, SR2 7BW, UK 0191 515 3838 0191 515 3834 ibrooks@ucsd.edu	IAMAS	BROWNING, Professor Keith University Of Reading Department Of Meteorology, P.O. Box 243, Reading, RG6 6BB, UK 0118-931 6521 0118-931 8791 k.a.browning@reading.ac.uk	IAMAS
BREIL, Dr Pascal CEMAGREF 3 Bis Quai Chauveau, Cedex 9, Lyon, 69336, France 00 33 4 72 20 87 81 00 33 4 78 47 78 75 pascal.breil@cemagref.fr	IAHS	BRITTNACHER, Dr Mitchell University Of Washington Geophysics Program, Box 351650, Seattle, WA, 98195, USA 206 616 5796 206 685 3815 britt@geophys.washington.edu	IAGA	BROVKIN, Dr Victor Potsdam Institute Climate Impact Research, P.O.Box 601203, Potsdam, D-14412, Germany +49 331 288 2592 +49 331 288 2695 victor@pik-potsdam.de	IAMAS	BRUECKL, Professor Ewald Vienna Univ. of Technology Inst. of Geodesy & Geophysics, Gusshausstrasse 27-29, Vienna, A-1040, Austria 0043 1 58801 0043 1 504 4232 ebrueckl@luma.tuwien.ac.aus	IAG/UNION
BRENNER, Dr Andrew University of Michigan School of Natural Res. & Env., 430. E. University, Ann Arbor, Michigan, 48109-1115, USA 734 763 3673 734 936 2195 ajbrenn@umich.edu	IAHS	BRIX, Mr Holger Alfred Wegener Inst. Polar & Marine Research, Am Handelshafen 12, Bremerhaven, D-27570, Germany +49 471 4831 828 +49 471 4831 425 hbrix@awi-bremerhaven.de	IAPSO	BROWITT, Dr Chris British Geological Survey Murchison House, West Mains Road, Edinburgh, EH9 3LA, UK 0131-650-0419 0131-667-1877 c.browitt@bgs.ac.uk	IASPEI	BRUHWILER, Dr Lori NOAA/CMDL R/E/CG1, 325 Broadway, Boulder, California, 92101, USA 303 497 6921 303 497 6290 lbruhwiler@cmdl.noaa.gov	IAMAS
BRENNER, Dr Stephen IOLR PO BOX 8030, Haifa, 31080, Israel +972 06 636 69 59 +972 04 851 19 11		BROCCOLI, Dr Anthony J. Princeton University Geophysical Fluid Dynamics Lab, P.O. Box 308, Princeton, New Jersey, 08542, USA +1 609 452 6671 +1 609 987 5063 ajb@gfdl.gov	IAMAS	BROWN, Dr Andy UK Meteorological Office London Road, Bracknell, Berks, RG12 2SZ, UK 01344 856461 01344 854493 arbrown@meto.gov.uk	IAMAS	BRUMMITT, Ms Beth Brummitt Energy Associates 2171 India Street Stea, San Diego, California, 92101, USA +1 619 287 2323 +1 619 237 8879 beth@brummitt.com	
BRESCH, Dr David MIT 77 Massachusetts AV., Room 54-1726, Boston, Massachusetts, 02139, USA 617 253 0327 617 253 6208 bresch@unit.edu	IAMAS	BROCK, Professor Andrew National University Of Ireland Applied Geophysics Unit, Galway, Ireland +353 91 750306 +353 91 750533 andrew.brock@unigalway.ie	IAGA	BROWN, Dr Laurie University of Massachusetts Department of Geosciences, Amherst, MA, 01003, USA 1-413-545-0245 1-413-545-1200 lbrown@geo.umass.edu	IAGA	BRUN, Mr Eric Meteo-France Centre D'etudes De La Neige, 1441 Rue De La Piscine, St Martin D'heres, 38406, France 33 476 63 79 17 33 476 51 53 46 eric.brun@meteo.fr	IAHS
BRESTENSKY, Professor J Comenius University Dept. Of Geophysics, Faculty of Maths & Physics, Mlynska Dolina F-1, BRATISLAVA, 842 15, SLOVAK REPUBLIC +421-7-6542 5982 +421-7-6542 5982 brestensky@fmph.uniba.sk	IAGA	BROCKMANN, Dr Elmar Bundesamt Für Landestopograph., Seftigenstrasse 264, Wabern, 3084, Switzerland 0041-31 963 22 56 0041-31 963 24 59 elmar.brockmann@lt.admin.ch	IAG	BROWN, Miss Amy Seismology Research Centre 2 Park Drive, Bundoora, Victoria, 3083, Australia +61 3 9455 2011 +61 3 9455 1940 amy@seis.com.au	IASPEI	BRUNETTI, Dr Michele ISAO / CNR Via Gobetti 101, Bologna, I-40129, Italy +39 051 639 9623 m.brunetti@isao.bo.cn.it	IAGA
BRETHEERTON, Francis University Of Wisconsin Space Sc. & Engineering Center, 1225 West Dayton Street, Madison, WI, 53706, USA (1) (608) 2627497 (608) 262 5974 fbretherton@ssec.wisc.edu	IAMAS	BRODHOLT, Dr John University College London Department of Geology, Gower Street, London, WC1E 6BT, UK 0171 504 2022 j.brodholt@ucl.ac.uk		BROWN, Mr Patrick Atmos. And Envir. Research Inc 840 Memorial Dr., Cambridge, MA, 02139, USA 617-349-2226 617-661-6479 patbrown@aer.com	IAMAS	BRUNNER, Professor Dr Fk Technical University of Graz Engineering Survey & Metrology, Steyrergrasse 30, Graz, A-8010, Austria +43/316/873-6320 +43/316/83/17 93 brunner aiq.tu-graz.ac.at	IAG
BRICKLAND, Jonathan Environment Agency Pheonix House, Global Avenue, Leeds, LS11 8PG, UK 0131 213 4838		BROMWICH, Professor David Ohio State University Byrd Polar Res. Center, 1090 Carmack Rd, Columbus, Ohio, 43210, USA 614 292 6692 614 292 4697 bromwich.1@osu.edu	IAMAS	BROWN, Professor J M University of Washington Geophysics Program, Box 351650, Seattle, Washington, 98195, USA 206 543 9419 206 543 0489 brown@geophys.washington.edu	IASPEI	BRUTON, Mr Alexander University of Calgary Dept. of Geomatics Engineering, 2500 University Dr. Nw, Calgary, Alberta, T2n 1n4, Canada 403 220 5834 403 284 1980 ambruton@acs.ucalgary.ca	IAG
BRIDEN, Professor Jim Oxford University Environmental Change Institute, 5 South Parks Road, Oxford, England, OX1 3UB, UK 01865 281203 01865 281202 jim.briden@ecu.ox.ac.uk	IAGA	BRONSTERT, Dr Axel PICIR, PO Box 601203, Potsdam, 14412, Germany 49 331 288 2531 49 331 288 2695 bronstert@pik-potsdam.de	IAHS	BROWN, Professor Robert University of Washington Box 351640, Seattle, Washington, 98105, USA 1 206 543 8438 1 206 543 0308 rbrown@atmos.washington.edu	IAMAS	BRYAN, Mr George Penn State University 503 Walker Building, University Park, PA, 16802, USA 814 863 8751 814 865 3663 bryan@essc.psu.edu	IAMAS

BRYDEN, Dr Harry IAPSO Southampton Oceanography Cen. Empress Dock, Southampton, SO14 3ZH, UK 01703 59 64 37 01703 59 62 04 h.bryden@soc.soton.ac.uk	BURKE, Dr Eleanor IAMAS University Of Arizona Dept. Hydrol. & Water Res., Tucson, Arizona, AZ 85716, USA 520 621 1378 520 621 1422 eleanor@hwr.arizona.edu	BUTLER, Dr James H. IAPSO NOAA/CMDL 325 Broadway, Boulder, Co, 80303, USA 1 303 497 6898 1 303 497 6290 jbutler@cmdl.noaa.gov	CAIN, Dr Joseph IAGA Florida State University GFDL/FSU, Tallahassee, Florida, 32306-4360, USA 850 644 4014 850 644 8972 cain@geomag.gfdl.fsu.edu
BRYNE, Mr Paul Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	BURKE, Mr Kevin UNION University of Houston Department of Geosciences, Cullen Boulevard, Houston, Texas, 77204-5503, USA 713 743 3397 713 748 7906 kburke@uh.edu	BUTLER, Dr Rhett IASPEI IRIS Suite 800, 1200 New York Avenue, Nw, Washington, Dc, 20005, USA 202 682 2220 202 682 2444 rhett@iris.edu	CALANCA, Dr Pierluigi IAMAS Swiss Federal Inst. of Techno. Department of Geography Eth, Winterthurerstr. 190, Zurich, CH-8057, Switzerland +41 1 635 52 22 +41 1 362 51 97 calanca@geo.umnw.ethz.ch
BRZEZINSKI, Dr Aleksander IAG Polish Academy of Sciences Space Research Centre, Bartycka 18a, Warsaw, 00-716, Poland 048 39 12 12 73 alek@cbk.waw.pl	BURKHARDT, Dr Ulrike University Of Reading 2 Earley Gate, Whiteknights, Reading, Berkshire, R66 6BB, UK 0118 9875 123 ext.7991 0118 9318 905 ulrike@met.reading.ac.uk	BUTLER, Mr Samuel IASPEI University of Toronto Dept. Of Physics, Toronto, Ontario, M5s 1a7, Canada 416 978 5213 416 978 8905 sam@atmosph.physics.utoronto.ca	CALISESI, Miss Yasmine IAMAS University of Berne Institute for Applied Physics, Sidlerstrasse 5, Bern, CH-3012, Switzerland +41 31 631 89 23 +41 31 631 37 65 yasmine.calisesi@iap.unibe.ch
BUDEMEIER, Dr Robert Kansas Geological Survey 1930 Constant Avenue, Lawrence, Kansas, 66047, USA 1 785 864 3965 1 785 864 5317 buddrw@kgs.ukans.edu	BURNETT, Professor W IAHS* Florida State University Department of Oceanography, Tallahassee, Florida, 32306, USA 8506446703 8506442581 wburnett@mailier.fsu.edu	BUZZI, Dr Andrea IAMAS ISAO-CNR Via Gobetti 101, Bologna, 40129, ITALY +39 051 639 96 58 a.buzzio@isao.bo.cnr.it	CALLANDER, Mr Peter IAHS Pattle Delamore Partners Ltd PO Box 389, Christchurch, 8004, New Zealand +64 3 379 3532 +64 3 379 3534 peter.callander@pdp.cp.nz
BUFFETT, Dr Bruce IAG University of British Columbia Dept. of Earth & Ocean Science, 2219 Main Mall, Vancouver B.C., V6T 1Z4, Canada 1 604 822 3466 1 604 822 6047 buffett@eos.ubc.ca	BURNS, Dr Barbara IAMAS AEROJET, Azusa, California, 91741, USA +1 626 812 1693 barbara.burns@aerojet.com	BYE, Professor John Flinders University Adelaide, 5001, Australia jbye@flinders.edu.au	CALLIS, Lin IAMAS NASA Langley MS 401b, Hampton, Vancouver, 23681-0001, USA +1 757 864 5813 lbc@jaguar.larc.nasa.gov
BUNCE, Emma Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	BURTON, Dr Ralph IAMAS University of Leeds The Environment Centre, Leeds, LS2 9JT, UK 0113 2336461 ralph@lec.leeds.ac.uk	BYSTRICKY, Mr Erik IASPEI Slovak Academy Of Sciences Geophysical Institute, Dubravska Cesta 9, Bratislava, 842 28, Slovak Republic 00421-7-5941 2434 00421-7-5477 5278 geoferby@savba.sk	CALOV, Dr Reinhard Potsdam Inst. for Climate Re. P.O. Box 60 12 03, Potsdam, 14412, Germany 0049 331 288 2595 0049 331 288 2695 calov@pik-potsdam.de
BUNGE, Peter IASPEI Princeton University Department Of Geosciences, Guyot Hall, Princeton, 08544, USA +1 609 258 3222 +1 609 258 1274 bunge@princeton.edu	BUSALACCHI, Dr Antonio NASA GSFC, Code 970, Greenbelt, Maryland, 20771, USA 301 614 5671 301 614 5666 tonyb@neptune.gsfc.nasa.gov	CABLE, Dr Jaye IAHS Louisiana State University Coastal Ecology Institute, 208 Old Coastal Studies Bldg, Baton Rouge, Louisiana, 70803, USA 225-334-2390 225-388-6326 jcable@unizl.sncc.isu.edu	CALVAO RODRIGUES, Dr J IAG Faculdade Ciências De Lisboa Rua De Escola Politécnica 58, Lisboa, 1250-102, Portugal jcalvao@fc.ul.pt
BUNGUM, Professor Hilmar IASPEI NORSAR P.O. Box 51, Kjeller, N-2027, Norway +47 63805934 +47 63818719 hilmar.bungum@norsar.no	BUSHELL, Dr Andrew IAMAS The Meteorological Office Hadley Centre, London Road, Bracknell, Berks, RG12 2SY, UK 01344 854064 01344 854898 abushell@meto.gov.uk	CACCIN, B. University Tor Vergata V.Della Ricerca Scientifica 1, Rome, 00b3, Italy +36 06 7259 4431 03 2023 507 caccin@romaz.infn.it	CALVER, Dr Ann Institute of Hydrology Wallingford, OX10 8BB, UK 01491 692424 anc@ua.nwl.ac.uk
BUONGIORNO Nardelli, B. IAPSO IFA - CNR Via Del Fosso Del Cavaliere, Rome, Italy bruno@ekman.ifa.cur.it	BUSSE, Professor F.H. IAGA University of Bayreuth Inst. of Physics, Bayreuth, D-95440, Germany +49 921 55 3329 +49 921 55 5820 brusse@uni-bayreuth.de	CAHALAN, Dr Robert IAMAS NASA/GSFC/913, Greenbelt, Maryland, 20771, USA 301 614 5390 301 614 5493 robert.chalan@gsfc.nasa.gov	CALVO, Dr Manuel IAGA Universidad De Burgos Escuela Politécnica Superior, Dep. Física/Avenida Gen. Vigón, Burgos, 09006, Spain 34 947 25 89 86 34 947 25 89 77 mcalvo@ubu.es
BURGESS, Dr William University College London Gower Street, London, WC1E 6BT, UK 0171 380 7820 william.burges@ucl.ac.uk	BUTLER, Cdr Christopher Office of Naval Research - Ifo 223 Old Marylebone Road, London, NW1 9XE, UK 0171 514 4948 0171 723 6359 cvbutler@cnreur.navy.mil	CAI, Dr Xiaoming IAMAS University of Birmingham School of Geog. & Env. Sci., Edgbaston, West Midlands, B15 2TT, UK 0121 414 5533 0121 414 5528 x.cai@bham.ac.uk	CAMACHO, Mr Luis A. IAHS Imperial College Sci & Tech. Dept. Of Civil & Environmental, Engineering, London, SW7 2BU, UK 0171 5946 120 0171 5946 124 l.camacho@ic.ac.uk
		CAIELLI, Grazia IASPEI I.R.R.S. Via Bassini 15, Milan, 20133, Italy +39 22 369 9257 grazia@izzs.mi.cnrz.it	

CAMFIELD, Dr Fred IAPSO Po Box 820440, Vicksburg, 39182-0440, USA 1 601 636 1363 1 601 629 9640 camfield@vicksburg.com	IAPSO	CANNON, Professor Wayne IAG York University Crestech, 4850 Keele St, 1st Floor, North York, Ontario, M3J 3K1, Canada 416 665 5470 416 665 1815 wayne@sgi.cretech.ca	IAG	CARMİ, Ms Natasha IAHS Mopic, Jerusalem, Pna C/O Mrs Sandie Butterfield, Maclean Building, Crowmarsh Gifford, Wallingford, OX10 8BB, Israel 01491 692214 01491 692430 s.butterfield@ioh.ac.uk	IAHS	CATALAN, Mr Manuel IAGA Observatorio San Fernando Cecilio Pujazon Sn San Fernando, Cadiz, 11110, Spain 956 59 9000 EXT 6593 956599366 mccatalan@roa.es	IAGA
CAMPBELL, Dr Garrett IAMAS Cira/Colorado State Univ. Csu Foothills Campus, West Laporte Avenue, fort Collins, Colorado, 80523, USA 970 491-8497 970 491 8241 campbell@cira.colostate.edu	IAMAS	CANZIANI, Dr Pablo O IAMAS UBA/CONICET FCEN-UBA, Pabellon li, Ciudad Universitaria, Capital Federal, 1428, Argentina 54 011 4576 3364 54 011 4576 3364 osvaldo@santamaria.ot.fcen.uba	IAMAS	CARMONA, Enrique Instituto Andaluz De Geofisica Universidad De Granada, Granada 18071, Spain +34 958 248912 ecarmona@iag.ugr.es		CATALAO FERNANDES, Dr J IAG Faculdade Ciencias De Lisboa Rua Da Escola Politecnica, 58 Lisboa 1250-102, Portugal 00 351 1 3921855 mjao@fc.ul.pt	IAG
CAMPBELL, Dr Kenneth IASPEI Ege International Inc. 6555 S. Olympus Drive, Evergreen, Colorado, 80439, USA 303 674 2423 303 670 9576 kcampbell@ege.com	IASPEI	CAO, DR Dinh Trieu IASPEI Institute of Geophysics Box 411, Buu Dien Bo Ho, Hanoi, Vietnam 0084-4-7562802 0084-4-8364696 cdtrieu@igp.ncst.ac.vn	IASPEI	CAROSIO, Professor A IAG ETH Zurich Inst. of Geodesy &, Photogrammetry, Zürich 8093, Switzerland +41 1 6333049	IAG	CATTELL, Professor C IAGA University of Minnesota Tate Laboratory of Physics, 116 Church Street, SE, Minneapolis, MN 55455, USA 001 612 626 8918 001 612 626 2029 cattell@belka.space.umn.edu	IAGA
CAMPBELL, Dr Wallace IAGA World Data Center A Nedc/Noaa Mailstop Ecc2, Boulder, Co, 80303, USA 1 303 497 6093 1 303 497 6513 whe@mgde.moa.gov	IAGA	CAPITAINE, Nicole IAG Observatoire De Paris Danof/Umr8630, 61, Avenue De L'observatoire, Paris, 75014, France 00 33 1 40 51 22 31 00 33 1 40 51 22 91	IAG	CARROLL, Dr John IAMAS University of California 8/10 Cranmer Sq Christchurch 8001, New Zealand 64 3 379 7346 jjciii@xtra.co.nz	IAMAS	CAULFIELD, Dr Colm-Cille IAPSO University of Bristol Department of Mathematics, University Walk, Bristol B58 ITW, UK +44 117 928 7996 +44 117 928 7999 c.p.caulfield@bristol.ac.uk	IAPSO
CAMPBELL, Professor James IAG University of Bonn Geodetic Institute, Nussallee 17, Bonn, 53115, Germany 0049-228-732988	IAG	CAPRA, Professor A. IAG University of Bologna Distart, Viale Risorgimento N.2, Bologna, 40136, Italy 0039 051 2093104 0039 051 6448073 alessandro.capra@mail.ing.unibo.it	IAG	CARSLAW, Dr Kenneth IAMAS University of Leeds Environment Centre, Leeds, LS2 9JT, UK 0113 233 1597 0113 233 6716 carslaw@lec.leeds.ac.uk	IAMAS	CEBULA, Dr Richard IAMAS Raytheon ITSS 4500 forbes Boulevard Lanham, Maryland, 20706, USA 01 301 794 5265 01 301 441 1583 cebula@ssbv.gsfc.nasa.gov	IAMAS
CAMPIN, Dr Jean-Michel IAPSO Univ. Catholique De Louvain Inst. Astro. & Geo./G.Lemaitre, 2 Chemin Du Cyclotron, Louvain-La- Neuve, 1348, Belgium 32 10 47 30 80 32 10 47 47 22 campin@astr.ucl.ac.be	IAPSO	CARBALLO, Miss Dacil IAVCEI Inst. of Tech. & Renewable Pozigono Industriaz De Grana, Dilla S/N Granadilla, Tenerife, Spain +34 922 391000 +34 922 391001 timaufaya@itre.rcanaria	IAVCEI	CARVALHO, Alexandra IAG Universidade Liboa Centro De Geofisica, Rua Escola Politecnica 58, Lisboa 1250, Portugal +351 1 3921 898 adas@fc.ul.pt	IAG	CECIC, Ms Ina IASPEI Geophysical Survey of Slovenia MEPP, Observatory, Pot Na Golovec 25, Ljubljana, SL 1000, SLOVENIA +386 61 1863 140 +386 61 1405 370 ina.cecic@gov.si	IASPEI
CAMPOS, Teodosio Chavez PERU tchavez@uni.edu.pe		CARBONE, Mr Richard National Center for Atmos. Res Post Box 3000, Boulder, Colorado, 80307, USA 303-497-8181 303-497-8181 carbone@ucar.edu		CARVALHO, Dr Renato IAMAS Instituto De Meteorologia Rua C, Aeroporto Lisboa 1700, Portugal +35 11 84 83 961 renato.carvalho@meteo.pt	IAMAS	CERMAK, Dr Vladimir IASPEI Geophysical Institute Czech Academy of Sciences, Bocni LI/1a, Praha 4 141-31, Czech Republic +420 2 764539 +420 2 71762546 cermak@ig.cas.cz	IASPEI
CAMPS, Dr Pierre IAGA ISTEEM Lab Gts, Univ. Montpellier 2, Case 060, Montpellier, 34095, France +33 4 67 14 39 38 +33 4 67 52 39 08 camps@dstu.univ-montpe.fr	IAGA	CARDWELL, Dr John UMIST Aprg, Physics Dept., P.O. Box 88, Manchester, M60 1QD, UK 0161 200 3907 0161 200 3941 john@cloud2.phy.umist.ac.uk		CASSOU, Mr Christophe IAMAS CERFACS Climate Modelling & Global, Change Team, 42 Avenue Gustave Coriolis, Toulouse, 31057, France (33)5 61 19 30 11 (33)5 61 19 30 00 cassou@cerfacs.fr	IAMAS	CERV, Dr Vaclav IAGA Geophysical Institute Bocni 11 Praha 4 Sporilov 141 31, Czech Republic 00420-2-67 103 354 vcv@ig.cas.cz	IAGA
CANDER, Dr Ljiljana IAGA Rutherford Appleton Lab. Chilton, Didcot, Oxon, OX11 0QX, UK 01235 446414 01235 446140 l.cander@rl.ac.uk	IAGA	CARL, Dr Peter IAMAS Climate Dynamics Project C/O forschungswerbund Berlin, Hausvogteiplatz 5-7, Berlin, D-10117, Germany +49 030 20377 466 +49 030 20377 470 pcarl@splim5.wias	IAMAS	CASTELAIN, Mr Gabriel IAMAS ONERA Chemin De La Huniere Palaiseau 91120, France +33 169 936 352 +33 169 936 345 castelain@onera.fr	IAMAS	CESS, Dr Robert State University of New York Marine Sciences Research Cntr., Stony Brook, New York, 11794-5000, USA 516 632 8321 516 632 8379 cess@atmsci.msrb.sunysb.edu	
CANDIDI, Dr Maurizio IAGA IFSI/CNR Via Fosso Del Cavaliere 100, Rome, 00133, Italy 0039649934490 0039649934374 candidi@ifsi.rm.cnr.it	IAGA	CARLSON, Dr Charles IAGA University Of California Space Sciences Laboratory Berkeley, California, 94720, USA +1 510 642 1478 cwc@ssl.berkeley.edu	IAGA	CASULA, G. IAG ISTI. Nazion. Geofisica-Roma C/O Dip. Difisica Settore Geo., Vle Cb Pichat, Bologna 40127, Italy +39 51 2095009 +39 51 2095058 casula@ibpgfs.df.unibo.it	IAG		

CHABOUREAU, Dr J-P. IAMAS Laboratoire D'aerologie Observatoire Midi-Pyrennes, 14 Avenue Belin, Toulouse 31000, France 55 5 61 33 27 23 33 5 61 33 17 90 jean-pierre.chaboureau@aero.obs- mip.fr	CHANG, Dr Chia-Chyang IAG CCIT Dept. of S. & M. Engineering Tahsi, Taoyuan, 335, Taiwan +886 3 3800 364 EXT. 114 +886 3 3893 504 ccchang@cc04.ccit.edu.tw	CHASHECHKIN, Yuli D IAPSO Inst. Problems In Mechanics Prospect Vernadskogo Moscow 117526, Russia +7 095 434 0192 +7 095 938 2048 chakin@ipmnet.ru	CHEN, Dr Wu IAG University of Nottingham lessg, University Park, Nottingham NG7 2RD, UK 0115 951 3925 0115 951 3881 wu.chen@nottingham.ac.uk
CHADHA, Dr Rajender Kumar IASPEI National Geo. Research Inst. Seismology, Uppal Road, Hyderabad, 500007, India 0091 40 7170141 0091 40 7171564 postmast@csngvi.ren.nic.in	CHANIN, Dr Marie-Lise IAGA/IAMAS Service D' Aeronomie BP3, Veuieres.Le.Buisson Q1370, France 33-1-69-20-07-94 33-1-69-20-29-99 chanin@decor.jussieu.fr	CHATILA, Khaled IAPSO Inst. Des Sciences De La Mer 310 Allee Des Ursulines Rimouski, G51 3A1, Canada (418) 723 1986 EXT 1288 (418) 723 7234 khlaed.chatila@ugar.quebec.ca	CHEN, Dr Yunyong IAG/UNION Nat. Bur./Surveying & Mapping Baiwanzhang, Beijing, 100830, China 86 10 68346614 86 10 68311564
CHAGAS, Dr Julio IAMAS University Of Reading Department Of Meterology, 21, Blenheim Gardens, Reading RG1 5QG, UK 0118-987-5123, ext. 4338 0118-931-8905 j.c.s.chagas@reading.ac.uk	CHANTON, Dr Jeffrey UNION Florida State University Dept. of Oceanography, Tallahassee, FL, 32306-4320, USA 850-644-7493 850-644-2581 jchanton@mailier.fsu.edu	CHAUZY, Serge IAMAS Laboratoire D'aerologie Ups/Omp, 14 Avenue Edouard Belin, Toulouse, 31400, France 33+ 0 561 33 27 72 33+ 0 561 33 27 90 chas@aero.obs-mip.fr	CHEN, Dr Yuwei IASPEI Seismological Bureau Anhui Province, 558 West Chang Jiang Rd, Hefei, 230031, China 86 0551 5561093 86 0551 5571924 auhigis@public.hf.ah.cn
CHAHINE, M.T. JET Propulsion Laboratory 4800 Oak Grove Dr., Pasadena 91011, USA 818 354 6057 chahine@jpl.nasa.gov	CHAO, Dr Benjamin IAG NASA Code 926, NASA/Goddard Space Flight Ctr., Greenbelt MD 20771, USA 301 286 6120 301 286 1760 chao@denali.gsfc.nasa.gov	CHAVE, Dr Alan IAPSO Woods Hole Oceanographic Inst. Ms 8, Woods Hole, Massachusetts, 02543-1539, USA 508 289 2833 508 457 2183 achave@whol.edu	CHEN, Dr Zuxing IAGA Max-Planck Institute Max-Planck Strasse 2, Katlenburg- Lindau, D37191, Germany +49 5556 979 441 +49 5556 979 240 chen@ciscos.mpae.gwdg.de
CHALISE, Suresh R IAHS ICIMOD Gpo Box 3226, Kathmandu, Nepal +977 1 525 313 +997 1 536 747 chalisc@icimod.org.np	CHAO, Dr Chih Hung Jason IAG Hong Kong Polytechnic Univ. Dept. of Lsgi Kowloon, Hong Kong (852) 2766 5952 (852) 2330 2994 lschchao@polyu.edu.hk	CHEBCHOUB, Assia IAHS INSAT TUNIS Tunis, BP676 1080, Tunisia +216 1 704 329	CHEN, Mr Xin IAG Alfred-Wegener Institute for Polar & Marine Research, Columbusstrasse, Bremerhaven, D-27568, Germany 49 0471 47 31 226 49 0471 47 31 149 xchen@awi-bremerhaven.de
CHAMBERS, Dr Don IAG The Univ. of Texas At Austin Center for Space Research, 3925 W.Braker Lane, Ste. 200, Austin, Texas, 78759, USA 001-512-471 7483 001-512-471 3570 chambers@csr.utexas.edu	CHAO, Professor Dingbo IAG Univ. of Surveying & Mapping School Geoscience & Surv. Eng., Wuham 430079, China 086 027 87 645 630 dhchao@wtusm.edu.cn	CHEDIN, Alain CNRS Ecole Polytechnique Palaiseau Cedex, 91128, France 00 33 1 69334533 00 33 1 69333758 chedin@jungle.polytechnique.fr	CHEN, Ms Hong IASPEI China Seismological Bureau Intstitute of Crustal Dynamics, De Wai Xishanqi, Beijing 100085, CHINA +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn
CHAMBERS, Dr Patricia IAHS Environment Canada National Water Research Inst., 11 Innovation Blvd., Saskatoon, S7N 3H5, Canada 001 306 975 5592 001 306 975 5143 patricia.chambers@ac.gc.ca	CHAPMAN, DR PIPPA IAHS Macaulay Land Use Res. Inst. Craigiebuckler, Aberdeen, Scotland, AB15 8QH, UK 01224 318611 01224 311556 p.chapman@mluri.ac.uk	CHEN, Dr Chang-Hwa IAVCEI Academia Sinica Inst. of Earth Sciences, P.O. Box 1-55, Nankang, Taipei, 115, Taiwan 886 2 2783 9910 EXT 615 886 2 2783 9871 china@earth.sinica.edu.tw	CHEN, Professor Cheng-H IAVCEI/UNION National Taiwan University Department of Geology, 245 Choushan Road, Taipei 106, Taiwan +886 2 2363 0231 EXT 2673 +886 2 2363 6095 chench@ccms.ntu.edu.tw
CHANDRA, Dr Suresh IAMAS North Carolina A&T State U. Dept. Mechanical Engineering Greensboro, North Carolina, 27411, USA 336 334 7620 EXT 314 336 334 7417 chandra@ncat.edu	CHAPMAN, Dr Sandra IAGA University of Warwick Physics Dept., Coventry, CV4 7AL, UK 01203 523390 01203 692016 sandra@astro.warwick.ac.uk	CHEN, Dr Jianli IAG University Of Texas At Austin Center for Space Research, 3925 West Braker Lane, Ste 200, Austin, TX 78759-5321, USA 1 512 471 5573 1 512 471 3570 chen@csr.utexas.edu	CHEN, Professor Cheng-Ta IAMAS National Taiwan Normal Univ. Department of Earth Sciences, 88 Section 4, Ting-Chou Road, Taipei, 116, Taiwan 886 2 2930 9545 886 2 2930 9545 chen@cloud.geos.ntnu.edu.tw
CHANDRASEKHAR, Dr E IAGA Indian Inst. of Geomagnetism Dr Nanabhoy Moos Road, Colaba, Nr. R.C. Church, Mumbai, 400005, INDIA 91 22 2189569 91 22 2189568 esekhar@iig.igm.res.in	CHAPMAN, Professor David IASPEI University Of Utah Dept. Geology & Geophysics Salt Lake City, UTAH, 84112, USA 1 801 581 6925 1 801 585 6749 dchapman@mines.utah.edu	CHEN, Dr Jiasheng IAGA Boston University Center for Space Physics, 725 Commonwealth Avenue, Boston, Massachusetts, 02215, USA ++1 617 353 1152 ++1 617 353 6463 chen@buasta.bu.edu	CHEN, Professor Chun-Sung IAG National Chiao Tung University Inst. Civil Engineering, 1001 To Hsueh Road, Hsinchu 30050, Taiwan +886 3 5712121 +886 3 5716257 ccs@cc.nctu.edu.tw
	CHARLOCK, Dr Thomas IAMAS NASA Langley Research Center Mail Stop 420 Hampton, Virginia, 23681 0001, USA 1 757 864 5687 1 757 864 7996 t.p.charlock@lock.nasa.gov	CHEN, Dr Ping IAMAS NOAA-CIRES Climate Diagnostics Center, 2143 Imperial Lane, Superior, Colorado, 80027, USA 1 303 497 6111 1 303 497 7013 pc@cdc.noaa.gov	CHEN, Professor Peishan IASPEI China Seismological Bureau Institute of Geophysics, 5 Minzuxueyuan Nanlu, Beijing 100081, China +86 10 8801 5514 +86 10 6821 095 wangzq@cap.ac.cn

CHEN, Professor Qifu China Seismological Bureau Center for Analysis & Predict, 63 Fuxing Avenue, Beijing, 100036, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	IASPEI	CHERNOBAY, Dr Igor CTBTO International Data Centre, Monitoring Section, POB 1200, Vienna, A-1400, Austria 43-1 26030 6238 43-1 26030 5923 ichernobay@ctbto.org	IASPEI	CHO, Professor Han-Ru University of Toronto Dept of Physics, Toronto, Ontario, M55 1a7, Canada +1 416 978 4992 +1 416 978 8905 cho@physics.utoronto.ca	IAMAS	Christensen, Ms Tina Danish Meteorological Inst. Lyngbyvej 100 Copenhagen DK-2100, Denmark +45 39 15 7496 +45 39 15 75 38 tic@dmi.dk	IAGA
CHEN, Professor T-C Iowa State University Atmospheric Science Program, 3010 Agronomy Hall, Ames, Iowa, 50011, USA 515 294 9874 515 284 2619 tmchen@iastate.edu	IAMAS	CHERNOUSS, Dr Pavel Center for Avalanche Safety 33a, 50 Years of October St, Kirovsk, Murmansk Region, 184230, Russia 47 815 31 96230 47 789 14124 p.chernous@apatit.murmansk.su	IAPSO	CHOE, Dr Gwang-Son Princeton Plasma Physics Lab. MS28, P.O BOX 451, Princeton, New Jersey, 08543-0451, USA 1 609 243 2629 1 609 243 2662 gchoe@pppl.gov	IAGA	CHRISTENSEN, Professor U University of Göttingen Institut Fur Geophysik, Herzberger Landstrasse 180, Göttingen, 37075, Germany +49 551 39 7451 +49 551 39 7459 urc@willi.uni.geophys.gwdg.de	IASPEI
CHEN, Professor Yong China Seismological Bureau Commission of Science & Tech, 63 Fuxing Avenue, Beijing, 100036, China +86 10 8801 5514 +86 10 6821 0995 wangzqcap.ac.cn	IASPEI	CHERTOK, Dr Iliia IZMIRAN Russian Academy of Sciences, Troitsk, Moscow Region, 142092, Russia 095 334 0902 095 334 0124 ichertok@izmiran.troitsk.ru	IAGA	CHOI, Professor Wookap Seoul National University Department Atmospheric, Sciences, Seoul, 151-742, Korea 82-2-880-6711 82-2-889-4950 wchoi@plaza.snu.ac.kr	IAMAS	CHRISTIANSEN, Dr Bo Danish Meteorological Inst. Lyngbyves 100, Copenhagen, DK 2100, Denmark +45 39 15 74 29 +45 39 15 75 38 boc@dmi.dk	IAMAS
CHEN, Professor Yuntai Institute Of Geophysics, CSB Beijing, 100081, China 010 684 153 70 010 684 153 72 chenyt@cdsndmc.css.gov	IASPEI	CHESNOKOV, Professor E M Inst. of Physics of The Earth Ul. Bol'shaya Gruzinskaya 10, Moscow, 123810, Russia +7095 2549042 echesn@uipe-ras.scgis.ru	IASPEI	CHOJNICKI, Tadeusz Space Research Center UL Bartycka 18a, Warsaw, 00-716 Pl, Poland +48 22 840 3766 +48 22 840 3131 tch@cbk.waw.pl	IAG	CHRISTIANSEN, Dr Freddy Danish Meteorological Inst. Solar Terrestrial Physics Div., Lyngbyvej 100, Copenhagen, DK-2100, Denmark +45 39 15 7483 +45 39 15 7538 dch@dmi.dk	IAGA
CHEN, Xiaofei Peking University Dept. Of Geophysics Beijing 100871, China 86 10 62753668 86 10 62754294 xfchen@pku.edu.cn	IASPEI	CHIAPPINI, Dr Massimo ING-ROME Istituto Nazionale Di Geo., Via Vigna Murata, 605, Rome, 00143, Italy +39 06 5186 0313 +39 06 5041 181 chiappini@ingrm.it	IAGA	CHOUET, Dr Bernard U.S. Geological Survey 345 Middlefield Road, Ms# 910, Menlo Park, California, 94025, USA 650 329 4796 650 329 5203 chouet@chouet.wr.usgs.gov	IAVCEI	CHRISTIE, Dr Douglas PTS/CTBTO Comprehensive Nuclear Test Ban, Treaty Organisation, Vienna International Centre, P.O. Box 1250, Vienna, A-1400, Austria +43 1 26030 6138 +43 1 26030 5921 dchristie@cibtbo.org	UNION
CHENEY, Mr Robert NOAA E/OC2, SSMC3, Room 3620, 1315 East-West Highway, Silver Spring, Maryland, 20910, USA 001 301 713 2857 001 301 713 4598 robert.cheney@noaa.gov	IAPSO	CHILDERS, Dr Vicki Naval Research Laboratory Code 7420, 4555 Overlook Ave., Washington, DC, 20375-5350, USA 1 202 404 1110 1 202 767 0167 vicki@qr.nrl.navy.mil	IAG	CHOULARTON, Professor T. UMIST Physics Department, P.O. Box 88, Manchester M60 1QD, UK 44 161 200 3950 44 161 200 3951 t.w.choularton@umist.ac.uk	IAMAS	CHRISTON, Dr Stephen University of Maryland 3114b CSS / Space Physics, Department Of Physics, College Park, Maryland, 21044, USA 301 405 7456 301 314 9547 christon@umosp.ump.edu	IAGA
CHENG, Dr Chio Princeton University Princeton Plasma Physics Lab., Princeton, New Jersey, 08543, USA 609 243 2648 609 243 2662 fcheng@pppl.usa	IAGA	CHISHAM, Dr Gareth British Antarctic Survey High Cross, Madingley, Cambridge, CB3 OET, UK 01223 221532 01223 221226 gchi@bas.ac.uk	IAGA	CHOURASIA, Dr Laxmi P DR H S Gour University Sagar, MP, 470003, India 091 07582 26547 091 07582 24094	IAHS	CHRISTOPH, Dr Michael University of Cologne Inst. for Geophysics & Met., Kerpener Str. 13, Cologne D-50923, Germany +49 221 470 3690 +49 221 470 5161 christoph@meteo.uni-koeln.de	IAPSO
CHENG, Dr Minkang University of Texas Center for Space Research, 3925 West Braker Ln. Ste 200, Austin, Texas, 78759, USA 512-471-7818 512-471-3570 cheng@car.utexas.edu	IAG	CHISWELL, Dr Stephen NIWA Po Box 14-901, Kilbirnie, Wellington New Zealand 64 4 386 0351 64 4 386 2153 s.chiswell@niwa.cri.nz	IAPSO	CHOUX, Miss Caroline Universite Blaise Pascal Dept. of Earth Sciences, 5 Rue Kessler, Clermont Ferrand Cedex, 63038, France 00 33 4 73 34 67 21 00 33 4 73 34 67 44 choux@opgc.univ-bpclermont.fr	IAGS	CHTCHERBAKOV, Dr Valeri Geophysical Observatory Book Russia 007 085 47 221 96 007 085 225 38 45	IAPSO
CHENG, Mr Hai-Xu Australian National University Research School of Earth, Sciences, Canberra, Act, 0200, Australia 61 2 649 5590 61 2 6257 2737 chx@rses.anu.edu.au	IASPEI	CHIU, Dr Hung-Chie Institute of Earth Sciences Academia Sinica, P.O. Box 1-55, Nankang, Taipei, 115, Taiwan 886 2 2783 9910 EXT 315 886 2 2783 9871 chiu@earth.sinica.edu.tw	IASPEI	CHOW-SON, Professor Chen National Central University Inst. of Geophysics, Chung-Li, 220, Taiwan 8863-4227151 EXT. 5603 8863-4222044 chusen@sal.gep.ncu.edu.tw	IAGA	Chu, Professor Peter Naval Postgraduate School Oceanography Department, Monterey, California, 93943, USA 831 656 3688 831 656 3686 chu@nps.navy.mil	IAPSO
		CHO, Mr Ha-Man Meteorological Research Inst. 460-18 Shindaebang-Dong, Tongjak-Gu, Seoul, 156 720, Korea 82 2 847 2495 82 2 847 2496 hmcho@metri.re.kr	IAMAS	CHRISTENSEN, Dr Jens H Danish Meteorological Inst. Lyngbyvej 100, Copenhagen, DK-2100, DENMARK +45 3915 7428 +45 3915 7460 jhc@dmi.dk	IAMAS		

CHUDA, Mr Takashi IAMAS University of Tokyo 1-15-1, Minamidai, Nakano, Tokyo, 164 8639, Japan 81 3 3377 3395 81 3 3377 3395 chuda@ori.u-tokyo.ac.jp	CLADIS, Dr John.B IAGA Lockheed Martin Space Phy.Lab 2440 Sharon Oaks Drive, Menlo Park, California, 94025, USA 650 424 3422 650 424 3333 cladis@spasci.com	CLAUER, Dr Robert IAGA University of Michigan 2455 Hayward, Ann Arbor, Michigan, 48109-2143, USA 1 734 763 6248 1 734 764 5137 bob.clauer@umich.edu	COBB, Dr Mark UNION Sverdrup Technology Msaap Building 9101, Door 136, Stennis Space Center, Mississippi, 39529, USA 1 228 689 8541 1 228 689 8551 cobb@alaska.nrlssc.navy.mil
CHULLIAT, Mr Arnaud IAGA Laboratoire De Géomaquétisme Inst. Phy. Du Globe De Paris, 4 Place Tussieu, B89, Tour 24, Paris, Cedex 05, 75252, France 33 1 44 27 24 08 33 1 44 27 49 32 chulliat@ipggp.jussieu.fr	CLARK, Dr Douglas IAMAS Institute of Hydrology Wallingford, OX10 8BB, UK 01491 692329 d.clark@mail.nwl.ac.uk	CLAUSEN, Dr Bente IAHS University of Canterbury, Nz C/O Niels Ovesen, Marsellis Boulevard 7, Arhus 8000, Denmark 45 86 1800 37 b.clausen@civil.canterbury.ac.nz	CODRESCU, Dr Mihail IAGA University Of Colorado Cires & Noaa/Sec, R/E/SE/325 Broadway, Boulder, Colorado, 80303, USA 303 497 6763 303 497 3645 codrescu@sec.noaa.gov
CHUN, Professor Hye-Yeong IAMAS Yonsei University Dept. of Atmospheric Sciences, Seoul, 120-749, Korea +82 2 361 2692 +82 2 365 5163 chy@atmos.yonsei.ac.kr	CLARK, Dr Martyn IAHS University of Colorado CPP - Cires, Boulder, Colorado, 80309-0449, USA 303 492 1497 303 492 2468 clark@snowcat.colorado.edu	CLAUSER, Dr Christoph IASPEI Joint Geophysical Res. Inst. Stilleweg 2 Hannover D-30665, Germany +49 511 643 3538 +49 511 643 3665 c.clouser@gga-hanover.de	COE, Dr Hugh IAMAS UMIST Physics Dept., P.O. Box 88, Manchester, M60 1QD, UK 0161 2003935 0161 2003951 hugh.coe@umist.ac.uk
CHURCH, Dr John IAPSO CSIRO Marine Research GPO Box 1538, Hobart, Tas, 7001, Australia 61 3 6232 5207 61 3 6232 5123 john.church@marine.csiro.au	CLARK, Dr Toby IAGA British Geological Survey West Mains Road, Edinburgh, 3LA, UK 0131-650-0231 0131-668-4368 T.CLARK@BGS.AC.UK	CLEMMONS, Mr James IAGA The Aerospace Corporation P.O. Box 92957, Mail Stop M2/260, Los Angeles, 90009, USA 310 336 2428 310 563 3049 james.clemmons@aero.org	COFFEY, Ms Helen IAGA NOAA NAT.Geophys. Data Center 325 Broadway, Boulder, Co, 80303, USA 1 303 497 6513 hcoffey@ngdc.noaa.gov
CHURILOVA, Dr Tanya Inst. of Biol. of Southern Sea 2 Nakhimov Ave., Sevastopol, Crimea, 335011, Ukraine (380 692) 52 91 89 (380 692) 52 91 89 churil@ukrcom.sebastopol.ua	CLARK, Mr David IAGA CSIRO Exploration And Mining Po Box 136, North Ryde, NSW, 1670, Australia +61 294 908 872 +61 294 908 874 d.clark@syd.dem.csiro.au	CLERBAUX, Dr Catherine IAMAS SA/CNRS Universite Paris 6- BP102, 4 Place Jussieu, Paris Cexex 05 75252, France 00 33 1 44 27 32 21 00 33 1 44 27 37 76 ccl@acro.jussieu.fr	COFFIN, Dr Millard IAVCEI UTIG Building 600, 4412 Spicewood Springs Road, Austin, Texas, 78759 8500, USA +1 512 471 0429 +1 512 475 6338 mikec@ig.utexas.edu
CIESIELSKI, Mr Paul IAMAS Colorado State University Atmospheric Science Department, Ft. Collins. Co, USA 970-491-8252 970-491-8449 paulc@tornado.atmos.colostate.edu	CLARK, Mr David M IASPEI NOAA/NGDC Code E/Gcx1, 325 Broadway, Boulder, Colorado, 80303, USA +303 497 6215 +303 497 6386 dclark@ngdc.noaa.gov	CLILVERD, Dr Mark IAGA British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221541 01223 221226 M.CLILVERD@BAS.AC.UK.	COGGER, Dr Leroy IAGA University of Calgary Dept. of Physics & Astronomy, 2500 University DR. N.W., Calgary, T2N 1N4, CANADA 1 403 220 53 86 1 403 282 50 16 cogger@phys.ucalgary.ca
CIFUENTES, Mr Oscar IAG Instituto Geografico Militar 1640, Nueva Santa Isabel, Santiago, Chile 56-2-4606842 56-2-46606978 ocifuentes@igm.cl	CLARK, MR THOMAS NASA/GSFC Code 920.3, Greenbelt Road, Greenbelt, Maryland, 20771, USA 301-286-5759 301-286-0213 clark@tomcat.gsfc.nasa.gov	CLINT, Mr Oswald IAGA University College London Gower Street, London, England, WC1E 6BT, UK 0171 504 2828 0171 387 1612 o.clint@ucl.ac.uk	COHEN, Dr Judah IAHS AER, INC. 840 Memorial Drive, Cambridge, Massachusetts, 02139, USA 1 617 547 6207 1 617 661 6479 jcohen@aer.com
CIMINI, Dr G. Battista IASPEI ING-Rome Istituto Nazionale Di Geo., Via Di Vigna Murata, 605, Rome, 00143, Italy 39 06 5186 0407 39 06 504 1181 cimini@netuno.ingrm.it	CLARKE, Dr Peter IAG University of Newcastle Department of Geosciences, Bedson Building, Newcastle, NE1 7RU, UK 0191 222 6351 0191 222 8691 peter.clarke@ncl.ac.uk	CLOUGH, Shepard IAMAS A.E.R., INC. 840 Memorial Drive, Cambridge, MA, 02139, USA 617 349 2282 617 661 6479 clough@aer.com	COHEN, Dr Steven IAG Goddard Space Flight Center Code 921, Greenbelt, MD 20771, USA 301-286-8826 301-286-1616 scchen@carnoustie.gafc.nasa.gov
CINI CASTAGNOLI, G. IAMAS/IAGA Universita Ditorino Corso Fiume 4, Inst. Di Cosmo Geophysics, Torino, 10133, Italy 39 11 660 4056 icni@icg.to.inen.it	CLARKE, Ms Ellen IAGA British Geological Survey Murchison House, West Mains Road, Edinburgh, EH9 3LA, UK 0131 650 0233 0131 668 4368 e.clarke@bgs.ac.uk	CLOW, Gary IAMAS U.S. Geological Survey Denver Federal Center, Box 25046, MS 980, Lakewood, Colorado, 80225, USA 1 303 236 5509 1 303 236 5349 clow@usgs.gov	COHEN, Mr Yves IPGP 4, Avenue De Neptune Saint-Maur Cecex, 94107, France 0033 1 45 11 42 64 0033 1 45 11 42 57 cohen@ipggp.jussieu.fr
CIPCIAR, Mr Andrej IASPEI Slovak Academy of Sciences Geophysical Institut, Dubravská Cesta 9, Bratislava, 842 28, Slovak Republic 00421-7-5477 5280 00421-7-5477 5278 geofanci@savba.sk	CLASZEN, Sabine IAGA Institut Für Geophysik Herzberger Landstr.180, Göttingen, 37075, Germany 0049 0 551 397475 sac@willi.uni-geophys.gwdg.de	CLOWES, Dr Ron M IASPEI University Of British Colombia 6339 Stores Road, Vancouver, British Columbia, V6T 1Z4, Canada 604-822-4138 604-822-6958 clowes@lithoprobe.ubc.ca	

COHEUR, Mr Pierre-F. Universite Libre De Bruxelles Chimie Physique Moleculaire, 50 Av. F.D. Roosevelt, Brussels, 1050, Belgium (32) 26504940 (32) 26504232 pfcoheur@ulb.ac.be		COLLIER, Dr Jonathan IASPEI University of Bristol Dept. of Earth Sciences, Wills Memorial Building, Queens Road, Bristol, B58 1RJ, UK 0117 954 5245 0117 925 3385 jonathan@gly.bsis.ac.uk	COMPAGNUCCI, Rosa Hilda UBA/CONICET Depto. CS. De La Atmosfera, Pabellon li -Ciudad Univ., Capital Federal, 1428, Argentina 54 11 4576 3364 EXT 22 54 11 4576 3364 EXT 12 rhc@at.fcem.uba.ar	COOPER, Professor Reid IASPEI University of Wisconsin Dept. Mater. Sci. Engr., 1509 University Avenue, Madison, Wisconsin, 53706-1595, USA 608 262 1133 608 262 8353 cooper@engr.wisc.edu
COKER, Dr Oluwole IAG Nigerian Union Plant/Radio Sci P.O. Box 3660, Lagos, Nigeria 01 835 218		COLLIER, Dr Michael IAGA NASA/GSFC Code 692, Greenbelt, Maryland 20771, USA 3012865256 3012861648 collier@lephas.gsfc.nasa.gov	CONKRIGHT, Margarita IAPSO NOAA/NADC Ocean Climate Lab. 1315 East-West Hwr, E/0c5, Silver Spring, Maryland, USA +1 301 713 3290 +1 301 713 3303 mconkright@nodc.noaa.gov	CORBYN, Mr Piers Weather Action South Bank Techno-Park, 90 London Road, London, SE1 6LN, UK 0171 922 8844 0171 401 8915 piers@weatheraction.com
COLACINO, Professor M IAGA CNR Ist. Di Fisica Dell'atmosfera, Via Del Fosso, Cavaliere 100, Roma 00133, Italy 39 06 49934320 colacino@atmos.ife.rmnc.it		COLLIN, Henry IAGA Lockheed Martin Dept H1-11, Bldg 255, 3251 Hanover Street, Palo Alto, California, 94304, USA 650-424-3445 650-424-3333 collin@spasci.com	CONLON, Dr Dennis IAPSO US Office And Naval Research 800 N. Quincy St., Arlington, Virginia 22217, USA 703 696 4720 703 696 2007 conlond@onr.navy.mil	CORDERY, Dr Ian IAHS University of New South Wales School of Civil Engineering, Sydney, NSW, 2052, Australia 61 2 9385 5024 61 2 9385 6139 i.cordery@unsw.edu.au
COLARCO, Mr Peter IAMAS LASP / University Of Colorado Campus Box 392, Boulder, Colorado, 80309 0392, USA 303 492 2413 303 492 6946 colarco@colorado.edu		COLLINS, Dr William MET. Office Bracknell, Berkshire, RG12 2SZ, UK 01344 854634 01344 854493 wcollins@meto.gov.uk	CONNOLLEY, Dr William IAMAS British Antarctic Survey BAS, High Cross, Cambridge, CB3 0ET, UK 01223 221 479 wmc@bas.ac.uk	CORNFORDE, Dr Dan Neural Computing Research Grp. Aston University, Aston Triangle, Birmingham, B4 7ET, UK 0121 359 3611 EXT 4285 0121 333 6215 d.cornford@aston.ac.uk
COLE, Dr Paul IAVCEI University of Luton Centre for Volcanic Studies, Park Square, Luton, Beds, LU1 3JU, UK 01582 734111 EXT 2529 01582 489212 paul.cole@luton.ac.uk		COLOMER, Dr Jordi UNION University of Girona Campus De Montilivi, Girona, 17071, ITALY 39 972 418371 39 972 418361 colomer@inferrn.udg.es	CONRAD, Dr Catherine IAHS Wilfred Laurier University Dept. of Geography, 75 University Avenue.W., Waterloo, Ontario, N2L 3C5, Canada (519) 884 1970 EXT 3998 cconrad@wlu.ca	CORTESI, Dr Ugo IROE-CNR Via Pancaldo 3/37, Firenze, 50127, Italy +39 55 43 0553 +39 55 43 2596 cortesi@iroe.fi.cnr.it
COLEMAN, Dr Iain IAGA British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221536 ijc@bas.ac.uk		COLOMINA, Dr Ismael IAG Institut De Geomatica Parc De Montjuic, Barcelona 08038, Spain 31934252900 34934267442 ismael@icc.es	CONSOLE, Dr Rodolfo IASPEI ING-ROME Istituto Nazionale Di Geo., Via Di Vigna Murata, 605, Rome, 00143, Italy +39 06 5186 041 +39 06 504 1181 console@ing750.ingrm.it	COSTA, Dr Ricardo IAGA Universidade Campina Grande, 58109 491, Brazil +55 83342 1429 +55 83310 1354 rburiti@df.ufpb.br
COLEMAN, Professor R IAG University of Tasmania School Of Geography & Environ., Studies, PO Box 252-78, Hobart, Tasmania, 7001, AUSTRALIA 61 3 6226 2108 61 3 6224 0282 richard.coleman@utas.edu.au		COLTICE, Mr Nicolas IASPEI Laboratory Ens 46, Allee D'italie, Lyon, Cedex 07, 69364, France +33 4 72728558 +33 2 72728677 ncoltice@ens-lyon.fr	COOK, Professor Sir Alan IAG/IAGA Selwyn College, Cambridge 8, Wootton Way, Cambridge, CB3 9LX, UK 01223 356887 01223 353133 ahc13@cam.ac.uk	COSTA, Dr Stefano ARPA - SMR Viale A. Silvani, 6, Bologna, 40122, Italy +39 051 284 200 +39 051 284 664 s.costa@smr.arpa.emr.it
COLENBRANDER, Mr Henny J IAHS Rozendaalselaan 36, VELP, 6881LD, The Netherlands +31.26.3646798 +31.26.3629336 hjcolenbrander@hetnet.nol		COMFORT, Professor R H IAGA University of Alabama Cspar, Th S101, Huntsville, Alabama, 35899, USA 001-256-890 6663 001-256-890 6575 comfortr@cspar.uah.edu	COOLING, Miss Brigid IAGA Queen Mary & Westfield College Astronomy Unit, Mile End Road, London E1 4NS, UK b.cooling.qmw.ac.uk	COSTA, Mrs Sonia IAG IBGE AV Brasil 15671, Parada De Lucas, Rio De Janeiro, 21 241 051, Brazil 55 21 482 8217 55 21 481 2747 soniamaria@ibge.gov.br
COLES, Dr Richard IAGA Geological Survey of Canada Geomagnetic Laboratory, 7 Observatory Crescent, OTTAWA, K1A 0Y3, Canada 1 613 837 4561 1 613 824 9803 coles@geolab.nrcan.gc.ca		COMISO, Dr Josefino IAPSO NASA/GSFC Code 971, Oceans And Ice Branch, Greenbelt, Maryland, 20771, USA 301 614 5708 301 614 5644 comiso@joey.gsfc.nasa.gov	COOPER, Miss Claire IAPSO Meteorological Office Hadley Centre, London Road, Bracknell, Berks, RG12 2SY, UK 01344 856515 01344 854898 ccooper@meto.gov.uk	COTICCHIA, Dr Alberto Istituto Geografico Militare Direzione Geodetica, Via Di Novoli 93, Firenze, I-50127, Italy +39055 2732442 +39055 4378120 igmigeod@fi.nettuno.it
COLIN DE VERDIERE, Prof. IAPSO Lab. De Physique Des Oceans UFR Sciences, BP 809, Brest Cedex, 29285, France 33(0)2 9801 6224 33(0)2 9801 6468 acolindv@univ-brest.fr		COOPER, Mr Andrew IAMAS UK Meteorological Office forecasting Products, Room R323, London Road, Bracknell, Berkshire, RG12 2SZ, UK 01344 854534 01344 856099 amcooper@meto.gov.uk	COTTON, Dr Richard IAMAS UK Meteorological Office Y46 Building, Dera, Farnborough, Hants, GU14 0LX, UK 01252 395416 01252 376588 rcotton@meto.gov.uk	

COURTIER, Mr Nicholas IAG Geological Survey of Canada 9860 West Saanich Road, Sidney, B.C., V8L 4B2, Canada 250 363 6405 250 363 6565 courtier@gsc.nrcan.gc.ca	CRAVENS, Professor Thomas IAGA University of Kansas Dept. of Physics & Astronomy Lawrence, Kansas, 66045, USA 785 864 4739 785 864 5262 cravens@kuplas.phsx.ukans.edu	CROSS, Matthew IAHS University of Colorado 135 South 33rd Street, Boulder, Colorado, 80303, USA 303 492 55 32 mcross@kros.colorado.edu	CUMMINGS, Dr Alan IAGA Caltech Mail Code 220-47, Pasadena, CA, 91125, USA 1 626 395 6708 1 626 449 8676 ace@srl.caltech.edu
COUSTENIS, Dr Athena IAMAS Paris Observatory Despa, Bat 18, Observatoire De Meudon, Meudon, 92195, France +331 4507 7720 +331 4507 7469 coustenis@obspm.fr	CRAYMER, Dr Michael IAG Geodetic Survey of Canada 615 Booth St., OTTAWA, K1A 0E9, Canada 001 613 947 1829 001 613 992 6628 craymer@nrcan.gc.ca	CROSS, Professor Paul IAG University College London Dept. of Geomatic Engineering, Gower Street, London, WC1E 6BT, UK +44 171 380 7028 +44 171 380 0453 paul.cross@ge.ucl.ac.uk	CUMMINS, Dr Phil IASPEI Japan Marine Sci. & Tech. Cen. 2-15 Notsushima-Cho, Yokosuka, 237 0061, Japan +81 468 67 3393 +81 468 67 3409 cummins@jamstec.go.jp
COWLING, Ms Sharon IAMAS Lund University Climate Impacts Group, Dept. of Plant Ecology, Lund S-223 62, Sweden +46 46 222 3132 +46 46 222 4423 sharoncowling@planteco.lu.se	CRESSWELL, Mr Douglas IAPSO Meteorological Office Hadley Centre, London Road, Bracknell, Berk, RG12 2SY, UK 01344 856871 01344 854898 dcresswell@meto.gov.uk	CROSSLEY, Professor David IAG Saint Louis University Dept. of Earth & Atmospheric, Sciences, 3507 Laclede, St. Louis, MO, 63103, USA 001 314 977 3131 001 314 977 3117 crossley@eas.slu.edu	CUMNOCK, Dr Judy IAGA Alfvén Laboratory Royal Inst. of Technology, Stockholm, SE-10044, Sweden cumnock@plasma.kth.se
COX, Dr Richard IAMAS University of Cambridge Department of Chemistry, Lensfield Road, Cambridge, CB, UK 01223 336253 01223 336362 rac26@cam.ac.uk	CRETAUX, Dr J-Francois IAG CNES 18 AV E2 Belin, Toulouse, 31400, France 33 5 61 33 29 89 jean.francois.cretaux@cnes.fr	CROTWELL, Mr Henry Philip IASPEI Univ. O South Carolina Dept of Geological Sciences Columbia, South Carolina, 29208, USA 803 777 0955 803 777 0906 crotwell@sc.edu	CUNNANE, Con IAHS National University of Ireland Dept. Engineering Hydrology, Galway, Ireland +35391 750425 +35391 524913 conleth.cunnane@nuigalway.ie
COX, Miss Michelle IAMAS CSIRO Atmospheric Research PMB1, Aspendale, Victoria, 3195, Australia 61 3 9239 4656 61 3 9239 4444 mxc@dar.csiro.au	CREWETT, Miss Jana IAG Institute of Hydrology Maclean Building, Crowmarsh, Gifford, Wallingford, OX10 8BB, UK 01491 692392 jfc@ua.uwl.ac.uk	CROWE, Dr Allan IAHS Nat. Water Research Inst. Canada Cen. for Inland Waters, 867 Lakeshore Road, Burlington, Ontario, L7R 4A6, Canada 905 336 4585 905 336 4400	CUPAL, Dr Ivan IAGA Geophysical Institute Academy of Science, Bocni 11/1401, Praha 4, 141 31, Czech Republic +42 0267103342 +42 02 67103339 ic@ig.cas.cz
COX, Mr Christopher IAG Raytheon ITSS 7701 Greenbelt Road, Suite 300, Greenbelt, Maryland, 20736, USA +1 301 441 4010 ccox@magus.stx.com	CRIFE, Mr Douglas IAMAS Colorado State University Dept. of Atmospheric Science, fort Collins, Colorado, 80523 1371, USA 970 491 8327 doug@atmos.colostate.edu	CRUDDACE, Dr Paul IAG University College London Dept. of Geomatic Engineering, Chadwick Building, Gower Street, London, WC1E 6BT, UK 0171 504 2079 0171 380 0453 cruddace@ge.ucl.ac.uk	CURRAN, Dr Mark IAGA Antarctic Crc University of Tasmania, Gpo Box 252-80, Hobart, Tasmania, 7001, Australia 03 6226 1876 03 6226 2902 mark.curran.utas.edu.au
CRAIG, Dr George IAMAS University of Reading PO Box 243, Earley Gate, Reading RG6 6BB, UK 118 931 6416 118 931 8905 g.c.craig@reading.ac.uk	CRISCI, Professor Gino M. IAVCEI University of Calabria DIP. DI Scienze Della Terra Arcavacata- Rende-Cosenza I-87036, ITALY 0039-0984-493637 0039-0984 493601 crisci@fis.unical.it	CUI, MR ZHIQIANG Birmingham University School Of Geography, Edgbaston, Birmingham, B15 2TT, UK 0121 4146869 z.cui@bham.ac.uk	CURTIS, Steve IAGA NASA / GODDARD Code 695, GSFC, Greenbelt, MD, 20771, USA 301 286 9188 301 286 1683 steven.curtis@gsfc.nasa.gov
CRAMPIN, Professor Stuart IASPEI The University of Edinburgh Dept. of Geology & Geophysics, Grant Insti./West Mains Road, Edinburgh EH9 3JW, UK 0131 650 4908 0131 668 3184 scrampin@ed.ac.uk	CRONAN, David IAVCEI Imperial College T.H. Huxley School, London, SW7 2BP, UK 0171 594 0396 d.cronan@ic.ac.uk	CULLATHER, Mr Richard IAMAS University of Colorado CIRES, CB 216, Boulder, Colorado, 803090216, USA +1 303 492 3619 +1 303 492 1149 richard.cullather@colorado.edu	CURTO SUBIRATS, Prof. J J IAGA Observatori De L'ebre Horta Alta 38, Roquetes, 43520, Spain +34 977 5005 11 +34 977 50 46 60 ebre.jjavito@readysoft
CRARY, Dr Frank IAGA University of Colorado Lasp, Campus Box 392, Boulder 80309 0392, USA (303) 492 0344 (303) 492 6946 fcrary@dosxx.colorado.edu	CROOK, Dr N. Andrew IAG N.C.A.R P.O. BOX 3000, Boulder, Colorado, 80307, USA 001-303-497-8980 001-303-497-8181 crook@ncar.ucar.edu	CULLEN, Dr John IAPSO Dalhousie University Dept. of Oceanography, Halifax, Nova Scotia, Canada 902 494 6667 902 494 2039 john.cullen@dal.ca	DAGLIS, Dr Ioannis IAGA National Observatory of Athens Metaxa & Vas, Pavlou Str., Pentell, 15236, Greece +30 1 6138342 +30 1 6138344 daglis@creator.space.noa.gr
CRAVEN, Mr Jim IAGA Geological Survey of Canada 615 Booth St., RM 211, OTTAWA, ON, K1A 0E9, Canada 613 996 9935 613 943 9285 craven@cg.nrcan.gc.ca	CROOK, Mr Nigel IAGA Manchester Metropolitan Uni. Dept. Environ. & Geog. Science, John Dalton Building, Manchester, M1 5GD, UK 0161 247 6265 m.p.crook@mmu.ac.uk	CUMMER, Dr Steven IAGA NASA/GSFC Code 690, Bldg.2, RM.219, Greenbelt, Maryland, 20771, USA +1 301 286 9563 +1 301 286 1648 steve.cummer@gsfc.nasa.gov	D'AGRELLA-FILHO, Dr M S SAO Paulo University INST. Astronomico & Geofisico, Rue Do Matao, 126, 05508-900, Brazil 55 11 818 4764 55 11 818 5034 dagrella@iag.usp.br

DAINTY, Dr Anton IASPEI/UNION D.T.R.A. Arms Control Technology Div., (Ost), 45045 Aviation Drive, Dulles, 20166-7517, USA +1-703-810-4198 +1-703-810-4159 anton.dainty@dtra.mil	DAVEY, Dr Michael IAPSO Meteorological Office London Road, Bracknell, RG12 2SZ, UK +44 1344 854648 +44 1344 854499 mhdavey@meto.gov.uk	DAVIS, Dr James IAG Harvard-Smithsonian Center for Astrophysics, 60 Garden St, Ms 42, Cambridge, Massachusetts, 02138, USA +617 496 7640 +617 495 7345 jdavis@cfa.harvard.edu	DE JONGE, Dr Paul IAG Scripps Inst. of Oceanography IGPP, La Jolla, California, 92093-0225, USA 001-619-534-2118 001-619-534-9873 dejonge@lox.ucsd.edu
DAL LAGO, Mr Alisson IAGA I.N.P.E./D.G.E AV DOS Astronautas 1758, Cp 515, Sai June Des Campos, 12201 970, Brazil +55 12 345 6805/6793 +55 12 345 6810 dallago@dge.inpe.br	DAVID, Dr Olaf IAHS* Institute Fur Geographie Lobdergraben 32, Jena, 07743, Germany +493641948853 +493641948852 c5olda@geogr.uni-jena.de	DAVIS, Dr Peter IASPEI University of California IGPP/SIO 0225, 9500 Gilman Drive, La Jolla, California, 92093-0225, USA 619 534 2839 619 534 6354 pdavis@ucsd.edu	DE MATTEIS, Dr Raffaella Universita' Del Sannio Via Caio Ponzio Telesino, 11, Benevento, 82100, Italy +39 0824 23013 +39 0824 23013 raffa@sungea03.na.infn.it
DALE, Dr Andrew IAPSO Oregon State University C.O.A.S., 104 Ocean Admin Bldg, Corvallis, Oregon, 97331-5503, USA 541-737-5951 541-737-2064 acd@oce.ost.edu	DAVIDSON, Dr Jon IAVCEI UCLA Department of Earth and Space, Sciences, Los Angeles, CA, 90095-1567, USA 310 825 3880 310 852 2779 davidson@ess.ucla.edu	DAWSON, Mr Phillip IASPEI U.S. Geological Survey 345 Middlefield Road MS910, Menlo Park, 94025, USA 650 329 4751 650 329 5203 dawson@usgs.gov	DE MESQUITA, A.R. IAPSO University of Sao Paulo Instituto Oceanografica, Cidade Universitaria, SAO Paulo, 05508 900, Brazil 818 6564 818 6564 ardmesqu@usp.br
DAMON, Professor Paul E IAMAS University of Arizona Department of Geosciences, Gould-Simpson Bldg., Tucson, Arizona, 85721, USA 520 621 0459 520 621 2672 damon@geo.arizona.edu	DAVIES, I IASPEI The University of Liverpool Dept. Earth Sciences, P.O. Box 147, Liverpool, L69 3BX, UK 0151 794 5254 davies@liv.ac.uk	DAY, Dr Simon John IAVCEI University College London Benfield Greig Hazard Res.Cen., Dept. Geo. Sci., Gower Street, London, WC1E 6BT, UK +44 171 504 2360 +44 171 388 7614 s.day@ucl.ac.uk	DE MIN, Dr Erik IAG Survey Department Rijkswaterstaat, P.O. BOX 5023, Delft GA 2600, The Netherlands +31 15 2691467 +31 15 213545 e.j.dmin@rws.minvenw.nl
DANILOV, Professor Alexei IAGA Inst. of Applied Geophysics Rostokinkaya 9, MOSCOW, 129 128, Russia (095)1811511 (095)1878186 hciaq@sunny.aha.ru	DAVIES, Dr Phil IAG Ordnance Survey Room Cs10, Southampton, England, S16 4GU, UK 01703 792663 pdavies@ordsuy.gov.uk	DAYTON, Dr John IAVCEI London University Institute Of Archaeology, 78 Dean St., London, W1V 6BE, UK 0171 928 4137	DE NOBLET, Dr Nathalie IAMAS CEA LAB. Des Sciences Du Climat, Et De L'environnement, Gif-Sur-Yvette, 91191, France 33 1 69 08 77 26 33 1 69 08 77 16 noblet@iscea.saclay.cea.fr
DARE, Dr Peter IAG University Of East London Applied Geodesy Research Unit, Longbridge Road, Dagenham, Essex, RM8 2AS, UK +44 20 85907000 X2501 +44 20 8849 3618 peter@uel.ac.uk	DAVIES, Mr Owain IAMAS University of Bath Dept. E&E Engineering, Claverton Down, Bath, BA2 7AY, UK 01225 826330 01225 826305 o.t.davies@bath.ac.uk	DE BOER, Professor Dirk IAHS University of Saskatchewan Dept of Geography, 9 Campus Drive, Saskatoon, Saskatchewan, S7N 5A5, Canada 306 966 5671 306 966 5680 deboer@duke.usask.ca	DE RITA, Donatella IAVCEI Universita Di Roma3 Dipartimento Scienze Geo., Largo Murialdo 1, Rome, 00146, Italy S.Leonardo 06 5488 8014 derita@un.rome3.etj
D'ARRIGO, Dr Rosanne IAMAS/IAPSO L.D.E.O. (TREE RING LAB) Lamont-Doherty Earth Observ., Route 9w, Palisades, NY, 10964, USA +1 914 365 8617 +1 914 365 8152 druidrd@ideo.columbia.edu	DAVIES, Professor Hugh L. UNION Univ. Of Papua New Guinea Geology UPNG, Papua, PAP. New Guinea 675 3267395 675 3260369 hdavies@upng.ac.pg	DE CROOK, Dr Theo IASPEI Royal Netherlands Met. Inst. PO Box 201, De Bilt, 3730 AE, The Netherlands +31 30 2206339 +31 30 2201364 crookde@knmi.nl	DE RUDDER, Ms Anne IAMAS Rutherford Appleton Lab. BADC, Chilton, Didcot, Oxfordshire, OX11 0QX, UK 01235 445124 01235 445848 anne.de.rudder@rl.ac.uk
DARROUZET, Mr Fabien IAG Belgian Inst. for Space Astron Avenue Circulaire 3, Brussels, 1180, Belgium +32 2 373 03 81 +32 2 373 84 23 fabien.darroutz@bira-iasb.oma.be	DAVIES, Professor Huw IAMAS Institute for Atmospheric SCI. ETH (HPP), Hönggerberg, Zürich 8093, Switzerland 1 633 3506 1 633 1058 davies@atmos.umwn.plhz.ch	DE FREITAS, Professor S. IAG Universidade Federal Do Parana Rua Eduardo Couture 350, Curitiba, 81540 290, Brazil 55 41 3613150 55 41 2662393 sfreitas@cce.ufpr.br	DE SANTIS, Dr Angelo IAGA ING-ROME Istituto Nazionale Di Geo., Via Di Vigna Murata, 605, Rome, 00143, ITALY +39 06 5186 0327 +39 06 504 1181 desantis@ing750.ingrm.it
DASSARGUES, Professor A. IAHS K.U. Leuven Hydrogeologie-Afd.Hist.Geologi, Leuven, B-3000, Belgium 0032-16 326441 0032-16-326401 adassarg@lgh.ulg.ac.be	DAVIES, Professor Peter A IAPSO University of Dundee Dept. of Civil Engineering, Dundee, DD1 4HN, UK 01382 344 346 01382 344 816 p.a.davies@dundee.ac.uk	DE GEER, Dr Lars-Erik CTBTO VIC, Vienna, A-1200, Austria led6@ctbto.or6	DE VIRON, Dr Olivier IAG Royal Observatory of Belgium 3 Avenue Circulaire, Brussels, B1180, Belgium 32 2 373 02 01 32 2 374 98 22 deviron@oma.be
	DAVIES-JONES, Dr Robert IAMAS National Severe Storms Lab. 1313 Halley Circle, Norman, Oklahoma, 73069-8493, USA 405 366 0419 405 366 0472 bobdj@nssl.noaa.gov	DE GRANDPRE, Mr Jean IAMAS York University 121 Petrie Science Building, Dept. Of Earth & Atmos. Sci., Toronto, Ontario, M3J 1P3, Canada (416) 7362100 EXT 22848 (416) 736 5817 jean@nimbus.yorku.ca	

DE VRIES, Professor Co Free University J.J. De Vries, De Boelelaan 1085, Amsterdam, 1001 HV, The Netherlands 020 4447276/7300 020 6462437 vrij@geo.vu.nl	IAHS	DELAMERE, Mrs Jennifer University of Alaska Fairbanks Geophysical Institute, 903 N. Koyukuk Dr., Fairbanks, Alaska, 9975, USA 907 474 7875 907 474 7290 jen@gi.alaska.edu	IAMAS	DENNING, Dr Scott Colorado State University Department Atmos. Sciences, Fort Collins, Colorado, 80523-1371, USA +1 970 491 8449 denning@atmos.colostate.edu	IAMAS	DEVARA, Dr P.C.S Indian Inst. Tropical Meteor. AV. Aivedni, Pune, 411008, INDIA +91 020 589 3600 +91 020 589 3825 devara@tropmet.ernet.in	IAMAS
DE ZAFRA, Dr Robert State University of New York Dept. of Physics And Astronomy, Stony Brook, New York, 11794, USA 01 516 632 8137 01 516 632 8176 rdezafra@sunysb.edu		DELANNEE, Cecile Inst. D'astrophysique Spatiale University Paris SUD, BAT 121, 91405, France 33 1 69 85 87 10 33 1 69 85 87 01 delannee@medoc-ias.u-psud.fr		DENTON, Professor Richard Dartmouth College 6127 Wilder Lab., Hanover, NH, 03755, USA 603 646 2732 603 646 1446 richard.denton@dartmouth.edu	IAGA	DEVAUX, Mr Jean Philippe ENS 24 Rue Lomond, Paris, 75005, France 33 1 44 32 22 03 33 1 44 32 22 00 devauz@jadeite.ens.fr	IASPEI
DE ZEEUW, Dr Darren University of Michigan 2455 Hayward St., Ann Arbor, Michigan, 48109-2143, USA 734 763 6224 734 647 3083 darrens@umich.edu	IAGA	DELIPETROV, Todor Faculty for Geology & Mining Goce Delcev 87, STIP, 92000, Macedonia +38 992 397 193 todor@rgf.ukim.edu.mk	IAGA	DERMANIS, Professor A Aristotle University Dept. of Geodesy & Surveying, University Box 503, Thessaloniki, 540 06, GREECE +30 31 996111 +30 31 996137 dermanis@topo.auth.gr	IAG	DEVESON, Miss Abigail C. University of Reading Department of Meteorology, P.O. Box 243, Reading RG6 6BB, UK 0118-987 5123 0118-931 8905	IAMAS
DEESE, Heather Woods Hole Oceanographic Inst. MS #21, Woods Hole, Massachusetts, 02540, USA 508 289 2916 deese@mit.edu	IAPSO	DELLINO, Dr Pierfrancesco University Bari Ita Dip. Geomineralogico, Via E. Orabona, 4, Bari, 70125, Italy +39 080 544 26 03 +39 080 544 25 91 dellino@lgxserver.uniba.it	IAVCEI	DESAI, Dr Mihir University of Maryland Dept of Physics, College Park Maryland, 20742, USA +1 301 405 3232 +1 301 314 9547 desai@uleis.umd.edu	IAGA	DHAR, Dr Ratan L. National Geophysical RES. Inst Uppal Road, Hyderabad, 500 007, India ++9140 717 3546 ++9140 717 0491 postmast@csngri.res.nic.in	IAHS
DEGROOT-HEDLIN, Catherine University of California 5675 Lord Cecil Street San Diego, California, 92122, USA 1 619 534 2313 1 619 534 2902 cdh@eos.ucsd.edu		DELNORE, Dr Vic NASA M/S 483, Nasa Langley Research Center, Hampton, Virginia, 23681, USA +1 757 864 1812 +1 757 864 5841 v.e.delnore@larc.nasa.gov	IAMAS	DESAI, Dr Shailen Jet Propulsion Laboratory 4800 Oak Grove Drive, M/S 238-600, Pasadena, California, 91109, USA 1 818 354 6102 1 818 393 4965 shailen.desai@jpl.nasa.gov	IAG	DHILLON, Mr Ranvir Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	
DEHANT, Dr Veronique Royal Observatory of Belgium 3 Avenue Circulaire, Brussels, B1180, Belgium 32 2 373 02 66 32 2 374 98 22 n.dehant@oma.de	IAG	DEMETRESCU, Dr Crisan Institute of Geodynamics 19-21 J.L. Calderon Str., Bucharest 37, R-70201, Romania +401 2113086 +401 2100604 crisan@geodin.ro	IASPEI	DESER, Dr Clara NAT. Centre for Atmos. Res. National Centre for A.R., P.O.Box 3000, Boulder, Colorado, 80307-3000, USA 303 497-1359 303 497-1333 cdeser@ncar.ucar.edu	IAMAS	DI DONATO, Ginevra University of Milan Via L. Clcognara 7, Milan, 20129, Italy +390223698403 +39027490588 ginevra@alpha1.geofisica.unimi.it	
DEKKERS, Dr Mark J Utrecht University Paleomag. Lab. fort Hoofddijk, Budapestlaan 17, Utrecht, 3584 CD, The Netherlands dekkers@geo.uu.nl	IAGA	DEMIANOV, Dr Gleb Institute of Geodesy Air Surveying & Cartography, Onezhskaya 26, Moscow, 125413, Russia +7(095)456 9580 +7(095)456 9531 gleb@space.ru	IAG	DESROZIERS, MR GERARD MÉTÉO-FRANCE Cnrm/Gmme, 42 Ave.G. Coriolis, Toulouse Cedex 1, 31057, France (33)5 61 07 93 05 (33)5 61 07 96 26 gerard.desroziers@meteo.fr		DI GIOVAMBATTISTA, Dr R ING-ROME Istituto Nazionale Di Geo., Via Di Vigna Murata, Rome, 00143, Italy 39 06 5186 0440 39 06 5841 181 digiovam@ing750.ingrm.it	IASPEI
DEL PEZZO, Edoardo Osservatorio Vesuviano VIA A Manzoni 249, Napoli, 80123, Italy +39 081 5832 230 delpezzo@osve.unina.it	IASPEI/IAVCEI	DEMUTH, Dr Siegfried University of Freiburg Institute of Hydrology, Fahrenbergplatz, Freiburg, 79098, Germany +761 203 3538 +761 203 3594 demuths@uni-freiburg.de	IAHS	DESTOUNI, Professor G Royal Institute of Technology Brinellv. 32, Water Resources Engineering, Stockholm, SE 100 44, Sweden +46 8 790 90 57 +46 8 790 86 89 gia@wre.kth.se	IAHS*	DI MURO, Dr Andrea University of Pisa Via S. Maria 53, Pisa, 56126, Italy 39 050 847273 / 4 39 050 542018 dimuro@dsr.unipi.it	
DEL POZO, Dr Carlos Lancaster University Communications Res. Centre, Faculty of Applied Science, Lancaster LA1 4YR, UK 44 (01524) 592699 44 (01524) 594207 c.del.pozo@lancaster.ac.uk	IAGA	DENKER, Dr Heiner University of Hannover Institut Fuer Erdmessung, Schneiderberg 50, Hannover, 30167, Germany ++511-762 2796 ++571-762-4006 denker@ife.uni-hannover.de	IAG	DETHOF, Miss Antje University of Reading Department of Meteorology, PO Box 243, Reading, RG6 6BB, UK 0118 9318954 EXT 4280 antje@met.rdg.ac.uk	IAMAS	DI STEFANO, Giuseppe ING-ROME Istituto Nazionale Di Geo., Via Di Vigna Murata, Rome, 00143, Italy 39 06 5186 0383 39 06 504 1225	IAMAS
DELAMERE, Dr Peter Univ. of Alaska Fairbanks Geophysical Institute, 903 N. Koyukuk Dr., Fairbanks, Alaska, 99775, USA 907 474 7367 907 474 7290 pad@comet.gi.alaska.edu	IAGA			DETTMERING, Mrs Denise University of Stuttgart Institute of Navigation, Geschwister- Scholl-Str, Stuttgart, 70174, Germany ++49 711 121 4137 ++49 711 121 2755 dettmering@hav.uni-stuttgart.de	IAG	DI, DR Qingyun Chinese Academy of Sciences Institute of Geophysics, Beijing, 100101, China 86 010 64889040 86 010 64871995 qydi@mail.c-geos.ac.cn	IAGA
						DICK, Dr Galina GFZ Potsdam Telegrafenberg A17, Potsdam, D-14473, Germany 0049 331 288 1185 0049 331 288 1111 dick@gfz-potsdam.de	IAG

DICKEY, Dr Jean IAG JPL/ CALTECH M.S. 238-332, 4800 Oak Grove Drive, Pasadena, California, 91109, USA 818 354 3235 818 393 6890 jean.dickey@jpl.nasa.gov		DIRKSEN, Oleg IAVCEI Inst. of Volcanic Geology Pijpa Blvd, Petropavlovsk, Kamchatsky, 683006, Russia (41522) 591 94 dirksen@vd3155.spb.edu		DOHERTY, Ms Patricia IAGA Boston College Inst. for Scientific Research, 140 Commonwealth Avenue, Chestnut Hill, Massachusetts, 02467-3862, USA 001 781 377 4283 001 781 377 9950 doherty@ph.af.mil	DORMAN, Professor Lev IAGA TEL Aviv University Ray Center And Emilio Segre, Observatory, Po Box 2217, Qazrin 12900, 12900, Israel 972-6-6964932 972-6-6964952 lid@physics.technion.ac.11
DICKEY, Tommy IAPSO Univ. of Calif. Santa Barbara Queen Physics Laboratory, 6487 Calle Real, Suite A, Goleta, California, 93117, USA +1 805 893 7354 +1 805 967 5704 tommy@icess.ucsb.edu		DISSE, Dr Markus IAHS Federal Inst. of Hydrology Kalserin-Augusta-Anlagen 15-17, Koblenz, D-56068, Germany +49 261 1306 5369 +49 261 1306 5280 disse@bafg.de		DOLL, Dr Petra IAHS University of Kassel Centre for Environmental, Systems Research, Kurt-Wolters Str. 3, Kassel, D-34109, Germany +49-561-804-3513 +49-561-804-3176 dcell@usf.uni-kassel.de	DORMY, Dr Emmanuel IAGA IPGP Dep. of Geomagnetism, 4 Place Jussieu, B89 Tour 24, Paris, 75252, France 00331 44 27 24 08 00331 44 27 33 73 dormy@ipgp.jussieu.fr
DICKMAN, PROFESSOR S IAG State University of New York Geology Department, Binghamton, New York, 13902 6000, USA 1 607 777 2857 1 607 777 2288 dickman@bingvmb.cc.binghamton.edu		DIXON, Dr Mark University of Reading Department of Meteorology, Earley Gate, Reading, RG6 6BB, UK 0118 987 5123 EXT 7381 sws97mad@rdg.ac.uk		DOMENICO, Dr Ben UNION Unidata/Ucar Po Box 3000, Boulder, Colorado, Co 80307, USA +1 303 497 8631 +1 303 497 8690 ben@unidata.ucar.edu	DOST, Dr Bernard IASPEI KNMI P.O. Box 201, De Bilt, 3730 AE, The Netherlands +31 30 2206340 +31 30 2201364 dost@knmi.nl
DIDELLE, Dr Henri IAPSO Legi-Coriolis 21 Avenue Des Martyrs Grenoble 38000, France +33 4 76 86 6181 +33 4 76 87 9693 didelle@hmg.inpg.fr		DIXON, Dr Tim IAG University of Miami RSMAS-MGG, 4600 Rickenbacker CZWY, Miami, Florida, USA +1 305 361 4660 +1 305 361 4632 tdixon@rsmas.miami.edu		DOMINEY-HOWES, Dr Dale IAPSO Coventry University SBE, K129, Coventry, CV1 5F13, UK 01203 838330 01203 838485 apx124@cov.ac.uk	DOUFEXOPOULOU, Prof M.G. IAG/IASPEI/Union NTU - Athens 9 H. Polytechniou, Faculty Rural and Sure Enq., Athens, 15773, Greece 772 2664 0030 1 772 26 70 mairied@cestral.ntua.gr
DIETRICH, Prof Reinhard IAG Tu Dresden Inst. Für Planetare Geodäsie, D-01062, Dresden, 01062, Germany 49 351 4634652 49 351 4637063 dietrich@ipg.geo.tu-dresden.de		DIXON, Mr Richard IAMAS University of Reading Department of Meteorology, Earley Gate, PO Box 243, Reading, RG6 6BB, UK 01189 875123 EXT 4280 rdixon@met.rdg.ac.uk		DONG, Professor Wenjie IAMAS Chinese Academy Of Sciences Lanzhou Inst. Plateau Atmos., 316 West Road Dong Gang, Lanzhou, Gansu, 730000, China +86 931 8834582 +86 931 8821158 dwj@ns.lzb.ac.cn	DOUGHERTY, Dr Michele IAGA Imperial College Space and Atmospheric Physics, Prince Consort Road, London SW7 2BZ, UK 0171 594 7757 0171 594 7772 m.dougherty@ic.ac.uk
DILL, Mr Robert IAG D.G.F.I. Marstallplatz 8 München D-80539, Germany +4989 23034-216 dill@dgfi.badw.de		DJATIEVA, Mrs Zalina IAGA P.P. Shirshov Inst. of Ocean. 36 Nakhimovsky Prospect, Moscow, 117851, Russia +7(095) 124 7956 +7(095) 124 5983 djatieva@geo.sio.rssi.ru		DONNADILLE, Mr Jerome IAMAS Laboratoire D'aerologie O.M.P, 14 Avenue E. Belin, Toulouse F- 31400, France 33 5 61 33 27 58 33 5 61 33 27 90 donj@aero.obs-mip.fr	DOUGLAS, Professor Alan IASPEI AWE Blacknest Brimpton, Reading, England, RG7 4RS, UK 0118 9824293 0118 9815328 alan@blacknest.gov.uk
DILS, Dr rachael IAHS Environment Agency Ehs National Centre, Evenlode House, Howbery Park, Wallingford, Oxon, UK 01491 828422 01491 828427 rachael.dils@environment- agency.gov.uk		DOBLAS-REYES, Francisco J IAMAS Centro De Astrobiologia Inta, Ctra Dedjalvir Km. 4, Torrejon, Madrid, 28850, Spain +34 91 5201936 reyes@cnrm.meteo.fr		DONOVAN, Dr david KNMI Postbus 201, 3730 AE, Debuil, 3730 AE, The Netherlands +030 2206 465 +030 2210 407 donovan@knmi.nl	DOUMOUYA, Dr Vafi IAGA Universite De Cocody-Abidjan UFR-SSMT LAB. Dr Physique De, L'atmos. 22BP 582, Abidjan 22, Ivory Coast 225 418261 225 440412 vafid@yahoo.fr
DIMMER, Miss Claudia IAPSO University of Bristol School of Chemistry, Bristol, Avon BS8 1TS, UK 0117 9289186 0117 9251295 c.dimmer@bris.ac.uk		DOBTRAN, Professor Flavio GVES 32-50, 34 Street, Long Island City, New York, 11106, USA +1718 278 3813 +1718 278 3813 dobtran@idt.net		DONOVAN, Dr Eric IAGA University of Calgary Dept. Physics & Astronomy, Calgary, Alberta, T2N 1N4, Canada 403 220 6337 eric@phys.ucalgary.ca	DOUTRIAUX-BOUCHER, Marie IAMAS LAB. D'optique Atmospherique Universite De Lille 1, BAT P5, UFR De Physique, Villeneuve D'acq, 59655, France +33 3 20 42 46 76 mdoutri@loa.univ-lilbz.fr
DINGWELL, Dr Don IAVCEI Universitaet Bayreuth Bayerisches Geoinstitut, Bayreuth, D-95440, Germany 49 921 553708 49 921 553769 don.dingwell@uni-bayreuth.de		DODSON, Professor alan IAG University of Nottingham lessg, University Park, Nottingham N7 2RD, UK 0115 951 3883 0115 951 3881 alan.dodsun@nottingham.ac.uk		DOOGE, James University College Dublin Earls fort Terrace, Dublin, 2, Ireland 353 1 7067499 353 1 7067399	DOWDEN, Professor Richard IAGA LF.EM Research Ltd 161 Pine Hill Rd, Dunedin, 9001 New Zealand +61 3 4730524 +61 3 4730521 dowden@physicist.net
DINTER, Mr Georg IAPSO University of Karlsruhe Geodetic Institut, Englerstrasse 7, Karlsruhe, D-76128, Germany ++49 721 608 2303 ++49 721 694552 dinter@gik.uni-karlsruhe.de		DOERENBECHER, Mr Alex IAMAS Météo France Cnrm/Gmme/Recye, 42 Avenue G. Coriolis, Toulouse Cedex 1, 31057, France (33) 5 61 07 96 39 (33) 5 61 07 96 26 alex.doerenbecher@meteo.fr		D'OREYE, Mr Nicolas IAGA Europ.Cntr for Geodynamics 19, Rue Josy Welter, L- 7256 Walferdange, 7256, Luxembourg ++352/33.14.87 ++352/33.61.29 ndo@ecgs.lu	

DOWSON, Dr Monica IAG De Montfort University Geomatics Unit, The Gateway, Leicester, Leicestershire, LE1 9BH, UK 0116 257 7462 0116 254 1891 mzd@dmu.ac.uk		DUAN, Dr Qingyun IAHS NOAA/NWS Gcip Core Project, W/OHx3, 1325 East-West Highway, Silver Spring, Maryland, 20910, USA 1 301 713 1018 1 301 713 1051 qingyun.duan@noaa.gov		DUNGAN, Professor Michael IAVCEI Université De Genève Département De Minéralogie, 13 Rue De Maraichers, Genève 4, 1211, Switzerland 0041-22-702-6630 0041-22-320-5732 dungan@terre.unige.ch		DYMENT, Jerome IAGA CNRS UMR 653p, Ivem, Ubo, 1 Place N. Copanic, Plouzane, 29280, France (33) 298 49872 (33) 298 49876 jerome@uuv-brest.fr
DRESCHHOFF, Professor G. University of Kansas Space Tech. Center, 2291 Irving Hill Road, Lawrence, Kansas, 66045, USA (785) 864 4517 (785) 864 7789 dreschhoff@kuphsx.phsx.ukans.edu		DUCHARME, Professor B. IAG Royal Observatory of Belgium AV. Circulaire 3, Brussels, B-1180, Belgium 32 2 3730248 32 2 3749822 ducarme@omsl.be		DUNLOP, Professor David J IAGA University of Toronto Physics Dept, Erindale College, 3359 Mississauga Road North, Mississauga, Ontario, L5L 1C6, Canada ++1 905 828 3968 ++1 905 828 3717 dunlop@physics.utoronto.ca		DYSON, Professor Peter IAGA La Trobe University Department of Physics, Bundoora, Victoria, 3083, Australia +61 3 9479 2735 +61 3 9479 1552 p.dyson@latrobe.edu.au
DREVILLON, Miss Marie IAMAS CERFACS 42 Avenue Gaspard Coriolis, Toulouse Cedex, 31057, France 00 33 5 6119 30 40 00 33 5 6119 30 00 drevillo@cerfacs.fr		DUCE, Professor Robert IAMAS Texas A&M University 4708 Scrimshaw Lane, College Station, Texas, 77845, USA 001-409 845 5756 001-409 862 8978 rduce@ocean.tamu.edu		DUNN, DR SARAH IAHS Macaulay Land Use Res. Inst. Craigiebuckler, Aberdeen, Scotland, AB15 8QH, UK 01224 318611 01224 311556 s.dunn@mluri.sari.ac.uk		DZIAK, Dr Robert IASPEI Oregon State University/Noaa Noaa/Oerd, Hatfield Marine Science Center, Newport, Oregon, 97365, USA 541 867 0175 541 867 3907 dziak@pmel.noaa.gov
DREWES, Dr Hermann IAG DTSCH. Geodaet. forschungsinst. Marstallplatz 8, Muenchen, D-80539, Germany +498923031-106 +498923031-240		DUCK, Dr Thomas J IAMAS MIT Haystack Observatory Route 40, Westford, Massachussetts, 01886, USA +1 781 981 5753 tomduck@haystack.mit.edu		DUNN, PETER IAG GSFC /Raytheon 7701 Greenbelt Road, Greenbelt, MD 20905, USA 301 441 4114 301 441 2432 polunn@stx.com		DZIEWONSKI, Professor A IASPEI Harvard University Hoffman Labs 103, 20 Oxford St., Cambridge, Massachusetts, 02176, USA 617-495-2510 617-495-0635 dziewons@eps.harvard.edu
DRICKER, Ilya IASPEI Rensselaer Polytechnic Inst. Eles, RPI, Troy, NY, 12180, USA 518 2766777 dricki@rpi.edu		DUJENEY, Dr John IAGA British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221523 01223 350456 j.dujeney@bas.ac.uk		DURKEE, Professor Philip IAMAS Naval Postgraduate School 589 Dyer Road, Room 254, Monterey, California, 93943-5113, USA 831 656 3465 831 656 3061 durkee@nps.navy.mil		EAGLES, Mr Graeme IAGA University of Leeds School of Earth Sciences, 83 Rectory Road, Little Oakley, Harwich, Essex, CO12 5LD, UK 01255886309 eagles@earth.leeds.ac.uk
DRINKWATER, Dr Mark IAPSO NASA/JET Propulsion Laboratory Mail Stop 300-323, 4800 Oak Grove Drive, Pasadena, California, 91109, USA 818 354 8189 818 354 6720 m.drinkwater@jpl.nasa.gov		DUKA, Dr Bejo IAGA University of Tirana Faculty of Natural Sciences, Tirana, Albania 00355 42 45267 bduka@fshn.tirana.al		DURVASULA, Mr Subba Rao IAPSO K.I.S.R. Biological Oceanographer, Mariculture and Fisheries, P.O.Box 1638, Salmiya 22017, Kuwait 965-571-6690 ext.256 965-571-1293 e.mail:sdurva@kisir.edu.kw		EANES, Dr Richard IAG University of Texas Centre for Space Research, 3925 W Braker LN, 200, Austin, Texas, 78704, USA 512 471 7560 eanes@csr.utexas.edu
DROBOT, Mr Sheldon IAHS University of Nebraska Dept of Geoscience, 214 Bessey Hall, Lincoln, Nebraska, 68588, USA 402 436 0440 402 472 4917 sdrobot@unlgrad1.unl.edu		DUMA, Dr Gerald IAGA Cent. Inst. for Meteo. Geod. Hohe Warfe 38, Vienna, A-1190, Austria +43 1 36 026 25 03 +43 1 368 66 21 duma@zamg.ac.at		DUTAY, Dr Jean-Claude IAPSO LSCE,CEA Saclay, Orme Des Merisiers, Gif Sur Yvette, 91191, France 33 1 69 08 31 12 33 1 69 08 77 16 dutay@lsce.saclay.cea.fr		EBEL, Professor John IASPEI Weston Observatory Boston College, 381 Concord Road, Weston, Massachusetts, 02493, USA 617 552 8300 617 552 8388 ebel@bc.edu
DRUITT, Professor Tim Blaise Pascal University CNRS, 5 Rue Kessler, Clermont- Ferrand, 63038, France 33 47334 6718 33 47334 6744 druitt@opgc.univ-bpclermont.fr		DUMENIL, Dr Lydia IAMAS Max-Planck Institute Bundesstrasse 55, Hamburg, 21046, Germany 4940 41173310 4940 41173366 lydia.gates@dksz.de		DUYNKERKE, Dr Peter IAMAS IMAU Utrecht University, Princetonplein 5, 3584 CC Utrecht, 3584-CC, -The Netherlands 31 30 25 32 909 31 30 25 43 169 p.g.duynkerke@phys.uu.nl		EDEL, Dr Jean-Bernard IAGA Eost Strasbourg 5 Rue Descartes, Strasbourg, Cedex, 67084, France 0033388446374 0033388616747 jeanbernard.edel@est.u-strasgb.fr
DRYSDALE, Dr Euain IAMAS Rutherford Appleton LAB. Clifton, Didcot, OX11 0QX, UK 01235 445 751 01235 445 848 e.drysdale@rl.ac.uk		DUMOULIN, Miss Caroline Ecole Normale Supérieure De Paris, 24 Rue Lhomond, Paris 75231, 75231, France 33.1.44.32.22.03 33.1.44.32.22.00 dumoulin@jadeite.ens.fr		DVORSKY, John IAHS USGS - Eros Data Center Sioux Falls, SD, 57198, USA +1 605 594 6064 dvorsky@usgs.gov		EDEN, Cavsten UNION Institut Fuer Meereskunde Dusternbrooker WEG 34, KIEL, 24266, Germany +43 1 597 7979 ceden@itm.uni-kiel.de
DU, Dr Zhijun IASPEI University Of Durham Dept. of Geological Sciences, Science Laboratories, South Rd, Durham, DH1 3LE, UK ++44 191 3742519 z.j.du@durham.ac.uk		DUNBAR, Mike IAHS Institute Of Hydrology Wallingford, OX10 8BB, UK 01491 83 88 00 01491 69 24 24		DVORTSOV, Dr Victor IAMAS NOAA Aeronomy Lab Noaa R/E/A18, 325 Broadway, Boulder, Colorado, 80303, USA 001 303 497 7072 001 303 497 5373 victor@al.noaa.gov		EGBERT, Dr Gary IAGA Oregon State University College of Oceanic/Atmos. Sci, Ocean Admin Bldg 104, Corvallis, OR, 97331-5503, USA 541 737 2947 541 737 2064 egbert@oce.orst.edu

EGELAND, Dr Alv University of Oslo Department of Physics, Box 1048 Blindern, OSLO, N-0316, Norway 47 22 85 56 72 47 22 85 56 71 alv.egeland@fys.uio.no	IASA	EITZEN, Mr Zachary Colorado State University Atmospheric Science Dept., fort Collins, Colorado, 80523 1371, USA 970 491 8346 zach@atmos.colostate.edu	IAMAS	ELLINGSON, Bob University of Maryland Dept. of Meteorology, College Park, 20742, USA 301 405 5386 301 314 8492 bob@atmos.umd.edu	IAMAS	ENGDAHL, Eric U.S. Geological Survey DFC, BOX25046, Stop 966, Denver, Colorado, 80225, USA 1 303 273 8422 1 303 273 8450 enghahl@gldfs.cr.usgs.gov	IASPEI
EHLERS, Mr Todd University of Utah Dept. of Geology & Geophysics, 135 S., 1460 E., RM 719, Salt Lake City, UT 84112-0111, USA 801 581-3588 801 581-7065 taehlers@mines.utah.edu	IASPEI	EK, Michael NCEP/EMC NOAA/NWS/NCEP/EMC, RM. 207, W/NP2 WWBG, 5200 Auth Rd, Suitland, Maryland, 20746 4304, USA +1 301 763 8000 EXT.7260 +1 301 763 8545 michael.ek@noea.gov	IAMAS	ELLIOTT, Dr Julian University of Reading Meteorology Department, Earley Gate, P.O. Box 243, Reading, RG6 6BB, UK 00118-987 5213 / 7841 jelliott@met.rdg.ac.uk		ENGBRETSON, Professor M Augsburg College 2211 Riverside Avenue, Minneapolis, MN, 55454, USA 1 612 330 1067 1 612 330 1649 engebret@augsborg.edu	IAGA
EHRNSPERGER, Dr Walter Bavarian Academy of Sciences Marstallplatz 8, Munich, D-80539, Germany 49 89 23031 111 49 89 23031 100 a2101aa@bek.badw-muenchen.de	IAG	EKMAN, Dr Martin National Land Survey Geodetic Research Division, Gävle, SE- 801 82, Sweden +46 26 63 37 39 +46 26 61 06 76 martin.ekman@lm.se	IAG	ELMORE, Dr Richard D. University of Oklahoma School of Geodesy & Geophysics, 100 East Boyd, Norman, Oklahoma, 73019, USA 4053254493 4053253140 delmore@ou.edu	IAGA	ENGELS, Mr Martin Uppsala University Department of Geophysics, Villavaegen 16, Uppsala, S-75236, Sweden +46 0 18 4712377 +46 0 18 501110 me@geofys.uu.se	IAGA
EICKEN, Dr Hajo University of Alaska Geophysical Institute, PO Box 757320, Fairbanks, Alaska, 99775-7320, USA +1 907 474 7280 +1 970 474 7250 hajo.eicken@gi.alaska.edu	IAPSO	EKWURZEL, Dr Brenda Lawrence Livermore Nat. Lab. P.O. Box 808, L-231, Livermore, California, 94551, USA 1 925 424 3009 1 925 422 3160 ekwurzel1@llnl.gov	IAPSO	ELOSEGUI, Dr Pedro Harvard-Smithsonian Cfa 60 Garden Str., Cambridge, MA, 02138, USA 1 617 496 7645 1 617 495 7345 pelosegui@cfa.harvard.edu		ENGEN, Mr Bjorn Geodetic Institute Karverksveien, Honefoss, 3511, Norway +47 321 18 100 +47 321 18 101 bjorn.engen@gdiv.statkart.no	IAG
EIDMANN, Gunnar Wuppertal University Physics Department, Gauss-STR. 20, Wuppertal, 42027, Germany 0049 0 202 439 2606 0049 0 202 439 2680 eidmann@wp052.pysil.uni- wuppertal.de	IAMAS	EL ABDI ALAOU, Abdellah ACFCC 31 Avenue Hassan 1ER, Rabah - Chellah, Morocco	IAG	EL-SHEIMY, Dr Naser The University Of Calgary Geomatics Eng. Department, 2500 University Dr. N.W., Calgary, Alberta, T2N 1N4, CANADA +403 220 7587 +403 284 1980 naser@ensu.ucalgary.ca	IAG	ENGLAND, DR MATTHEW C.E.M.A.P. School Of Mathematics, University of New South Wales, Sydney, 2052, Australia +61-2-9385.7065 +61-2-9385-7123 m.english@unsw.edu.au	IAPSO
EIKENBERG, Dr Jost Paul Scherrer Institute Pave Scherrer Institute, Villigen, CH-5232, Switzerland 56 310 2340 eikenbery@psi.ch	IAHS	EL ARABI, Dr Nahed Res. Inst for Ground Water Nat. Water Res. Center Bldg., El-Kanater, El-Kairiya, Cairo, Egypt (202) 218 4283 (202)218 8729	IAHS	ELSIRAFY, Professor A E Nuclear Materials Authority Egypt		ENGLAND, Dr Tracey Institute of Hydrology Crowmarsh Gifford, Wallingford, Oxon, OX10 8BB, UK 01491 692263 01491 692424 Tracey.J.England@mail.nwl.ac.uk	IAHS
EISELE, Mr Michael Universität Freiburg Institut Für Hydrologie, Fahrenbergplatz, Freiburg, D-79098, Germany 0049 761 3520 0049 761 3594 eiselemi@uni-freiburg.de	IAHS*	ELBERSKIRCH, Mr Jochen Universitaet Bonn Auf Dem Huegel 20, Bonn, 53121, Germany +49 228 7351 83 +49 228 7351 88 jelbers@uni-bonn.de	IAMAS	ELTAYEB, Professor I Sultan Qaboos University College Of Science, Po Box 36, Al-Khodh, Muscat 123, Oman 968 513109 968 513415 ieltayeb@gto.net.om	IAGA	ENGMAN, Dr edwin NASA Goddard Space Flt Centre Code 974, BLDG 33, Room A332, Greenbelt, Maryland, 20771, USA ++1 301 614 5734 ++1 301 614 5808 tengman@neptune.gsfc.nasa.gov	IAHS
EISEN, Mr Olaf University Of Karlsruhe Inst. for Met. & Climate Res., Essenweinstr. 36, Karlsruhe 76131, Germany +49-(0)721-608-6940 olaf.eisen@stud.uni-karlsruhe		ELKEN, Professor Juri Estonian Marine Institute Paldiski St 1, Tallinn, 10137, Estonia +3722453598 +3726311069 elken@phys.sea.ee	IAPSO	EMBLETON, Dr Brian Co-Operative Research Centre Gpo Box 1483, Canberra, Act, 2601, Australia +61 2 6216 7280 +61 2 6216 7272 brian.embleton@crccs.csiro.au	IAGA	ENOMOTO, Takeshi The University of Reading Dept. of Meteorology, P.O. Box 243, Earley Gate, Reading, RG6 6BB, UK 0118 987 5123 EXT.4280 0118 31 8905 t.enomoto@reading.ac.uk	IAMAS
EISWIRTH, Dr Matthias University of Karlsruhe Kaiserstr.12, Dept. of Applied Geology, Karlsruhe, 76128, Germany 0721 608 7368 0721 608 7372 matthias.eiswirth@bio-geo.uni- karlsruhe.de	IAHS	ELKINGTON, Scot Dartmouth College Physics And Astronomy, 6127 Wilder Laboratory, Hanover, New Hampshire, 03755, USA 603 646 2310 603 646 1446 scot.elkington@dartmouth.edu	IAGA	EMORI, Dr Seita NIES 16-2 Onogawa, Tsukuba, Ibaraki, 305-0053, Japan +81 298 50 2498 +81 298 51 4732 emori@nies.go.jp	IAMAS	ERDIK, M. O. Bosphorus University Kandilli Rasathanesi, Cengelkoy, Istanbul, 81220, Turkey +1 90 216 332 6560 +1 90 216 308 0163 erdik@boun.edu.tr	IASPEI
		ELKINS, Dr James NOAA 325 Broadway, Mail Stop R/E/Cgi, Boulder, Colorado, 80303, USA 303 497 6224 303 497 6290 jelkins@cmdl.noaa.gov		ENESCU, Mr Bogdan Dumitru Nat. Inst. for Earth Physics Po Box Mg-2, Bucuresti-Magurele, 76900, Romania 40 1 493 01 18 40 1 493 01 18 benescu@infip.infip.ro	IASPEI	ERDOS, Dr geza Kfki Research Institute for Particle & Nuclear Physics, Po Box 49, Budapest, 4-1525, HUNGARY 361 3959302 361 3959151 erdos@rmki.kfki.hu	

ERKER, Dr Erhard FED. Office Of Met & Surveying Schiffamtsgasse 1-3, Vienna, A 1025, AUSTRIA *431 21176 3201 *431 21176 2224 abt.v1@bev.gov.at	IAG	EVANS, Mr Andy University of Nottingham lessg, Nottingham, NG7 2RD, UK 44(0) 115 9515151 X18508 44(0) 115 951 3881 isxaje@isn1.iessg.nottingham.ac.uk	IAG	FAHRUTDINOVA, Antonina Kazan University Krembersieaj St 18, Kazau, 120008, Russia antonina.fahrutdinova@ks4.ru	IAG/IAGA/IAMAS	FASSNACHT, Mr Steven University of Waterloo Dept. of Civil Engineering, Waterloo, Ontario, N2I 3G1, Canada 1 519 888 4567 X3828 1 519 746 7499 srfassna@uwaterloo.ca	IAHS
ERLANDSON, Dr Robert JHU/APL Johns Hopkins, Laurel, MD, 20723, UK 240 228 6918 240 228 1093 erlandson@jhuapl.edu	IAGA	EVERS, Mr Laslo Knmi/Orfeus Data Center PO Box 201, DE BILT, 3730 AE, The Netherlands +31 30 220 6335 +31 30 220 1364 evers@knmi.nl	IASPEI	FAIRALL, Dr Chris NOAA ETL R/E/ET7, 325 Broadway, Boulder, Co, 80303, USA 303 497 3253 303 497 6101 cfairall@etl.noaa.gov	IAMAS	FATTORI SPERANZA, Dr F Universita Romaiii Via Dolle, Vasla Navale, 84, Rome, I-00146, Italy +31 06 5517 7010 +31 06 5571 303 speranza@amaldi.fis.uniroma3.it	IASPEI
ERRAM, Mr Vinit Indian Inst. of Geomagnetism Dr Nanabhoy Moos Road, Colaba, NR. R.C. Church, Mumbai, 400 005, INDIA 91 22 2189569 91 22 2189568 vinit@iig.res.in	IAGA	EVISON, Professor Frank Victoria Univ. of Wellington Institute of Geophysics, P.O.Box 600, Wellington, New Zealand 64 4 4721000 64 4 4955186 frank.evison@vuw.ac.nz	IASPEI	FAIRHEAD, Professor J D University of Leeds Getech School of Earth Sci., Leeds, LS2 9JT, UK 0113 2335240 0133 2429234 jdf@getech.leeds.ac.uk	IAG/IAGA	FAULKNER, Mr Duncan S Institute of Hydrology Crowmarsh Gifford, Wallingford, Oxfordshire, OX10 8BB, UK 01491 692429 01491 692424 dsf@ioh.ac.uk	IAHS
ERZINGER, Professor Jörg GFZ Potsdam Telegrafenberg, Potsdam, D-14473, Germany +49 331 288 1421 +49 331 288 1474 erz@gfz-potsdam.de	IAVCEI	EXTENCE, Dr Chris Environment Agency Northern Area, Stepping Stone Walk, Winfrey Avenue, Spalding, Lincs, PE11 1DA, UK 01775 762 123 01775 724 627		FAJEMIROKUN, Francis University of Lagos Department of Surveying, Lagos Nigeria 01 54554891 01 822 644	IAG	FEARN, Professor David University of Glasgow Dept. of Mathematics, University Gardens, Glasgow, G12 8OW, UK 0141 330 5417 0141 330 4111 d.fearn@maths.gla.ac.uk	IAGA
ESSER, Dr Ruth CTR. F. Astrophysics 60 Garden Street, Cambridge, Massachusetts, 02138, USA 001-617-496 7566 001-617-495 7049 resser@cfa.harvard.edu	IAGA	EZEIGBO, Professor c. University of Lagos Box 159, Akoka, Lagos, 159, Nigeria 00234 1 2691315	UNION/IAG	FALLER, Professor James JILA-NIST Campus Box 440, University of Colorado, Boulder, 80309, USA 303 492 8509 303 492 5235 fallerj@jila.colorado.edu	IAG	FEATHERSTONE, Professor W Curtin Univ. of Technology School of Spatial Sciences, GPO Box U1987, Perth, 6845, Australia +61 8 9266 2734 +61 8 9266 2703 tfeather@cc.curtin.edu.au	IAG
ESSERY, Dr Richard Hadley Centre London Road, Bracknell, RG12 25Y, UK 01344 854898 rlhessery@rneto.gov.uk	IAMAS	FABIAN, Dr Karl University of Bremen FB Geowissenschaften, Postfach 330 440, Bremen, 28334, Germany +49 421 218 3938 +49 421 218 7008 karl.fabian@uni-bremen.de	IAGA	FALLOWS, Mr Richard University of Wales Adran Ffiseg, Prifysgol Cymru, Penglais, Aberystwyth, Ceredigion, SY23 3BZ, UK (01970) 621907 (01970) 622826 raf93@aber.ac.uk	IAGA	FEDDES, Professor Reinder Wageningen University Dept. of Environmental Sci., Sub-Dep. Water Resources, Nieuwe Kanaal 11, Wageningen, 6709 PA, The Netherlands +31 317 48 28 75 +31 317 48 28 85 reinder.feddes@users.whh.wau.nl	IAHS
ETCHEVERS, Mr Pierre Meteo-France 1441 Rue De La Piscine, St Martin D'heres, 38406, France +33 476637927 +33 476575346 pierre.etchevers@meteo.fr	IAHS	FADEL, Khaled Swedish Int. of Space Physics Kiruna Box 812, 98128, Sweden +4698079111 khandel@irf.se		FALVEY, Mr Mark University of Wellington 95 Elizabeth Street, Mt Victoria, Wellington, New Zealand 064 4 5704626 mfalvey@gamma.gns.cri.nz	IAMAS	FEDOTOV, Professor Petr Inst. of Volcanology Petropavlovsk-Kamachatsky, Russia karetn@glas.apc.org	
ETLING, Mr Dieter Inst. of Met. & Climatology University of Hannover, Herrenhauser Street 2, Hannover, 30419, Germany ++49 511 762 6218 ++49 511 7614418 etling@muk.uni-hannover.de	IAMAS	FAEH, Dr Donat Swiss Seismological Service Eth Hoenggerberg, Zuerich, 8093, Switzerland +41 1 633 2658 +41 1 633 1065 faeh@seismo.ifg.ethz.ch	IASPEI	FANG, Dr Peng Univ of California 9500 Gilman Dr., La Jolla, California, 920930225, USA 6195342445 6195349873 pfang@ucsd.edu	IAG	FEHLER, Michael Los Alamos Seismic Res. Center MS D443, Los Alamos, N.M., 87544, USA +1 505 667 1925 +1 505 667 8487 fehler@lanl.gov	IASPEI
EUN, Choi Young University of Tsukuba #B202 633 Konda, Tsukuba, Ibaraki, 305-0018, Japan 81 298 57 3096 81 298 53 6853		FAGUNDES, Professor P R UNIVAP/IP&D Univ Do Vale Do Paraiba, AV Shishima Hifurni, 2991, Urbanova, SAO Jose Dos Campos, 12244-000, Brazil 55 123 347 1130 55 123 347 1149 fagundes@univap.br	IAGA	FARMER, Dr David Institute Of Ocean Sciences 9860 West Saanich Road, Sidney, BC, V8L 4B2, Canada 250 363 6591 250 363 6798 farmerd@dfo-mpo.gc.ca	IAPSO	FEIGIN, Dr Alexander Inst. of Applied Physics Russian Academy of Sciences, 46 Ulyanov Street, Nizhny Novgorod, 603600, Russia +7 8312 384599 +7 8312 362061 feigin@appl.sci-nnov.ru	IAMAS
EVANS, Dr John Russell British Geological Survey West Mains Raod, Edinburgh, Scotland, EH9 3LA, UK 0131 6500213 0131 6684140 Russ.Evans@bgs.ac.uk	IASPEI	FAHEY, Dr David NOAA Aeronomy Laboratory 325 Broadway, R/E/A16, Boulder, Colorado, 80303, USA 303 497 5277 303 497 5373 fahey@al.noaa.gov	IAMAS	FARRUGIA, Dr Charles University of New Hampshire 39 College Road, 414 Morse Hall, Durham, 03824, USA 603-862-4596 603-862-0311 ferrugia@unhed2.sr.unh.edu	IAGA	FEIGNIER, Dr Bruno LDG BR 12, Bruyeres Le Chatel, 91680, France +33 159 257809 +3 159 2567000 feignier@ldg.bruyeres.cen.fr	IASPEI

FEISSEL, Martine IAG Observatoire De Paris 61 Avenue De L'observatoire, Paris, 75014, France 00 33 1 40 51 20 15 00 33 1 40 51 22 91 feissel@obspm.fr	FERRARI, Professor G. IASPEI SGA Storia Geofisica Ambiente Via Bellombra 24/2, Bologna, 40136, Italy +39 051 333 282 +39 051 332 741 ferrari@sga-storiageo.	FINNIGAN, Mr Timothy IAPSO Univ. of Western Australia Center for Water Research, Nedlands, WA, 6907, Australia 08 9380 2515 08 9380 1015 finnigan@cwr.uwa.edu.au	FLORES, Mr Alejandro IAG IEEC-CSIC Edif. Nexus. 204, C/Gran Capita 2.4, Barcelona, 08034, Spain +34 93 280 20 88 +34 93 280 63 95 flores@ieec.far.es
FEJER, Professor Bela IAGA Utah State University Center/Atmospheric & Space Sci, 4405 Old Main Hill, Logan, Utah, 84322-4405, USA 435 797 3627 435 797 2992 bfejer@cc.usu.edu	FERRICK, Mr Michael G IAHS USA Crrel 72 Lyme Road, Hanover, New Hampshire, 03755-1290, USA 603 646 4287 603 646 4785 mferrick@crrel.usace.army.mil	FINNSDÓTTIR, Mrs Helga P National Energy Authority Grenásvegur 9, REYKJAVIK, IS-108, Iceland +354 569 6000 +354 568 8896 npf@os.is	FLOSADÓTTIR, Dr Agusta IAPSO/IAGA University Of Washington JISAO/PMEL, Box 357941, Seattle, Washington, 98115, USA 001 206 526 6807 001 206 526 6744 agusta@pmel.noaa.gov
FELDSTEIN, Professor I IAGA IZMIRAN Troitsk, 142092, Russia 7 095 334 0286 7 095 334 0124 lgcomova@izmiran.tcoutsk.ac	FEYNMAN, Dr Joan IAGA Jet Propulsion Laboratory 169/506, 4800 Oak Grove Dr., Pasadena, 91109, USA 1 818 354 2881 1 818 354 9985 jfeynman@jplsp.jpl.nasa.gov	FIORI, Dr Aldo IAHS Universita Di Roma Tre Universita Di Roma Tre, Via Segre 60, Roma, 00146, Italy 551 175 027 +39 06 551 75 034 aldo@cidra.dsic.uniroma3.it	FLOYD, Dr Linton UNION NRL/Interferometrics Code 7660, Naval Research Laboratory, Washington DC, 20705, USA 202-767-2258 202-767-5636 floyd@susim.nrl.navy.mil
FENNELL, Dr Joseph IAGA Aerospace Corp Ms:M2-259, PO Box 92957, Los Angeles, CA, 90009-2957, USA +1 310 336 7075 +1 310 336 1636 joseph.f.fennell	FICHEFET, Professor T IAPSO Univ. Catholique De Louvain Inst. Astro. & Geo./G.Lemaître, 2 Chemin Du Cyclotron, Louvain-La-Neuve, 1348, Belgium +32 10 47 32 95 +32 10 47 47 22 fichefet@astr.ucl.ac.be	FISCHER, Professor H. IAMAS IMK forschungszentrum Karlsruhe, Postfach 3640, Karlsruhe, D-76021, Germany ++49 7247 3643 herbert.fischer@imk.fzk.de	FLUCHE, Dr Bernhard IAGA J.G.R.I. Geowissenschaftl. Gemeinschaft, Stilleweg 2, Hannover, 30655, Germany 0049-511-643-3519 0049-511-643-3665 bfluche@gga-hannover.de
FERLAND, Mr Remi IAG Natural Resources 456-615 Booth Street, Ottawa, K1A 0E9, Canada 613 995 4002 613 995 3215 ferland@glod.	FIELD, Dr Paul IAMAS UK Meteorological Office Y46 Building, Dera, Farnborough, Hants, GU14 0LX, UK 01252 395416 01252 376588 pfield@meto.gov.uk	FISK, Professor Lennard IAGA University of Michigan 2455 Hayward Street, Ann Arbor, Michigan, 41809 2143, USA 01 (734) 647 3660 01 (734) 763 7130 lafisk@umich.edu	FLUGEL, Professor W-A IAHS Institut Für Geographie Löbdergraben 32, Jena, D-07743, Germany 49 3641 948 850 49 3641 948 852 c5waf@geogr.uni-jena.de
FERNANDES, Dr Joana University of Porto Astronomical Observatory, Faculty of Science, 4430 Vila Nova De Gaia, Monte Da Virgem, Portugal +351 2 7820 404 +351 2 7827 253 mjfernan@oa.fc.up.pt	FIELDING, Sophie IAPSO Southampton Oceanography Ctr. Empress Docks, Southampton, S014 3ZH, UK 01703 596016 sof@soc.soton.ac.uk	FITAS, Professor Augusto Universidade De Evora Departamento De Fisica, Rua Romao Ramalho, 59, Evora, 7000, Portugal 351 66 745344 351 66 702306 afitas@uevora.pt	FLYNN, Mr Michael J. IAMAS UMIST Department Of Physics 16 Bosworth Street, Rochdale, Lancs, OW1 3QQ, UK 0161 236 3311 EXT 2490 0161 200 3951 mccpemf2@f52.ee.umist.ac.uk
FERNANDES, Mr Rui IAG DEOS-TUDelft Faculty Of Aerospace Eng., Kluyverweg, 1, DELFT, NL-2629 HS, The Netherlands +31 15 2782048 +31 15 2785322 rui@deos.tudelft.nl	FIERZ, Dr Charles IAHS SLF/WSL Flüelastrasse 11, Davos Dorf, CH-7260, Switzerland ++ 41 81 417 01 65 ++ 41 81 417 01 10 fierz@slf.ch	FITZPATRICK, Ms Melanie IAMAS University of Washington Box 351650, Seattle, Washington, 98103, USA +1 206 543 6674 +1 206 543 0308 fitz@atmos.washington.edu	FOLLAND, Mr Chris IAMAS The Meteorological Office Hadley Centre, London Road, Bracknell, RG12 2SY, UK 01344 856646 01344 854898 ckfolland@meto.gov.uk
FERNANDEZ, Professor Dr J IAG CSIC-UCM Fac. De Caencias Matematicas, Ciudad Universitaria, Madrid, 28040, SPAIN 34 91 3944478 34 91 3944615 jft@iagmat1.mat.ucm.es	FIGUERAS-NIETO, Mr Daniel IAMAS U.M.I.S.T. Department of Physics, P.O. Box 88, Manchester, M60 1QD, UK 0161 236 3311 EXT.2490 mccphdf2@stud.umist.ac.uk	FLEISCHMANN, Mr Uli IAPSO Tracer-Ozeanographie Uni Bremen, NW 1, Postfach 330440, Bremen, D-28334, Germany +49 421 2184317 +49 421 2187018 ufleisch@ocean.physik.uni-bremen	FOMENKO, Dr Elena IAGA Geomagnetic Research Institute C/O Dr Toru Mogi, Dept. of Mining/Kyushu UNIV., Fukuoka, 812- 8581, Japan 7 095 1376951 7 095 1376951 egorov@iki.rssi.ru
FERRACCIOLI, Dr Fausto IAGA Universita Genova Departimento XV 5, Genova, 16123, Italy +39 010 353 8095 +39 010 353 8045 mayne@dister.unige.it	FINKLE, Dr Klara IAMAS Irish Meteorological Service Met Eireann, Glasnevin Hill, Glasnevin, 9, Ireland +353 1 8064291 +353 1 8064247 klara.finkle@met.ie	FLETCHER, Ms Hilary IASPEI University of Alaska Geophysical Institute, 903 Koyukuk Drive, Fairbanks, Alaska, 99775, USA 907 474 7309 907 474 7290 hilary@giseis.alaska.edu	FOMICHEV, Dr Victor IAMAS York University Dept. of Earth & Atmos. Sci., 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada (416) 736 2100 EXT. 22848 (416) 736 5817 victor@nimbus.yorku.ca
	FINLAYSON, Dr Douglas M IASPEI Australian Geological Survey GPO Box 378, Canberra A.C.T., 2601, Australia +61262499761 +61262499972 dfinlays@agso.gov.au	FLIGGE, Dr Marcel Inst. of Astronomy, Ethz Eth Zentrum, Zurich, 8092, Switzerland ++41 1 632 79 59 ++41 1 632 12 05 fligge@astro.phys.ethz.ch	

FONSECA, Dr Joao IASPEI Inst. Superior Tecnico Physics Dept., Av Rovisco Pais, 1, Lisbon, 1049 001, Portugal +351 1 8417535 +351 1 8419078 fonseca@alfa.ist.utl.pt	FOSTER, Mr Stephen IAHS S M Foster Associates Ltd 22 River View, Boston Spa, Wetherby, West Yorkshire, LS23 6BA, UK +44 1937 849950 +44 1937 849951 smfassociates@compuserve.com	FRAENZ, Dr Markus IAGA Queen Mary & Westfield College Astronomy Unit, Qmw, Mile End Road, London, E1 4NS, UK 44-171-775-3185 44-181-983-3522 m.fraenz@qmw.ac.uk	FRANSSENS, Dr Ghislain Belgian Inst. Space Aeronomy Ringlaan 3, Brussels, B-1180, Belgium 32 2373 0370 32 2374 8423 ghislain.franssens@oma.be
FONT, Dr Jordi IAPSO Inst. De Ciencies Del Mar Csic P.Joan De Borbo S/N, Barcelona, 08039, Spain +34 932216416 +34 932217340 jfont@icm.csic.es	FOSTER, Professor S.S.D. IAHS British Geological Survey Keyworth, Nottingham, NG12 5GG, UK 0115 9363296 0115 9363546 s.foster@bgs.ac.uk	FRANCIA, Dr Patrizia IAGA Universita' Di L'aquila Dipartimento De Fisica, Via Vetoio 10 Coppito, L'aquila, 67010, ITALY 39 0 862 433071 38 06862 433033 patrizia.francia@aquila.infn.it	FRASER, Dr Grahame IAMAS University of Canterbury Dept. of Physics & Astronomy, Private Bag 4800, Christchurch, New Zealand 0064-3-364-2987 0064-3-364-2469 g.fraser@phys.canterbury.ac.nz
FONTTEYN, DR D. IAMAS BIRA - IASB Ringlaan 3, Brussels, B-1180, Belgium +32 2 373 0382 +32 2 374 8423 D.Fonteyn@bira-iasb.oma.be	FOTHERINGHAM, Mr Paul IAGA University of Glasgow Dept. of Mathematics, University Avenue, Glasgow, Scotland, G12 8QW, UK 0141 330 6819 pf@maths.gla.ac.uk	FRANCIS, Dr Jennifer IAMAS Rutgers University Inst. Of Marine & Costal Sci., NMFS / 74 Mcgruder Rd, Highlands, New Jersey, 07732, USA 732 708 1217 732 872 3088 francis@imcs.rutgers.edu	FRASER, Professor Brian IAGA University of Newcastle Department of Physics, University Drive, Callaghan, NSW, 2308, Australia +61 24921 5445 +61 24921 6907 phbjf@cc.newcastle.edu.au
FORBES, Mr Richard IAMAS UK Met. Office Met. Building, University Of Reading, Reading, Berkshire, RG6 6BB, UK 0118 9316308 0118 9318791 rmforbes@meto.gov.uk	FOULGER, Dr Gillian University of Durham Dept. Geological Sciences, Sciences Labs., South Rd, Durham, DH1 3LE, UK 0191 374 2514 0191 374 2510 g.r.foulger@durham.ac.uk	FRANCIS, Mr Nicholas IAGA Dera Malvern D713, St Andrews Road, Malvern, Worcestershire, WR14 3PS, UK 01684 896 484 01684 895 241 nmfrancis@dera.gov.uk	FREDERIKSEN, Dr Carsten IAMAS Bureau of Meteorology Res.Cen. Po Box 1289k, Melbourne, Victoria, 3001, Australia +613 9669 4566 +613 9669 4660 csf@bom.gov.au
FORBES, Professor Jeffrey IAGA University of Colorado Dept Aerospace Eng. Sciences, Campus Box 429, Boulder, Colorado, 80309-0429, USA 303 492 4359 303 492 7881 forbes@zeke.colorado.edu	FOURRIE, Miss Nadia IAMAS Météo France Cnrm/Gmme/Recye, 42 Avenue G. Coriolis, Toulouse Cedex 1, 31100, France (33) 5 61 07 96 39 (33) 5 61 07 96 26 fourrie@cnrm.meteo.fr	FRANCIS, Professor Peter IAVCEI Open University Earth Sciences, Milton Keynes, MK76AA, UK +1908 655481 +1908 655151 p.w.francis@open.ac.uk	FREEMAN, Dr Mervyn IAGA British Antarctic Survey High Cross, Madingley, Cambridge, CB30ET, UK + +44-1223-221543 +44-122-221226
FORBES, Professor Terry G IAGA University Of New Hampshire Eos Institute, Morse Hall, 39 College Road, Durham, New Hampshire, 03824, USA 603 862 3872 603 862 1915 terry.forbes@unh.edu	FOX, Dr Alan IAPSO University of Edinburgh Dept. of Meteorology, JCMB, The King's Buildings, Edinburgh, EH9 3JZ, UK 0131 650 6759 0131 650 5780 a.d.fox@ed.ac.uk	FRANCK, Professor S IASPEI Inst. for Climate Impact Res. PO BOX 601203, Potsdam, D-14412, Germany +44 331 288 2659 +44 331 288 2660 frankepik-potsdam.de	FREESE, Mr Dietmar I AMAS Alfred Wegener Institute Postfach 120161, Bremerhaven, 27515, Germany +49 471 4831 755 clfreese@awi-bremerhaven.de
FORSBERG, Mr Rene IAG KMS Rentemestervej 8, Copenhagen Nv, Dk2400, Denmark 45 3587 5319 45 3587 5052 rf@kms.dk	FOX, Dr Christopher IAPSO NOAA/PMEL 2115 S.E. Osu Drive, Newport, Oregon, 97365, USA 1 541 867 0276 1 541 867 0356 fox@pmel.noaa.gov	FRANCOIS, Dr Louis IAMAS University of Liege Lab. Planetary & Atmos. Phys., 5, Avenue De Cointe, Liege, B-4000, Belgium +32 4 254 75 76 +32 1 254 75 73 francois@astro.ulg.ac.be	FREI, Dr Christoph IAMAS ETH Zürich Federal Institute of Technol., Winterthurerstrasse 190, Zürich, Ch-8057, Switzerland 0041-1-633 5232 0041-1-633 5197 christoph.frei@geo.unmw.ethz.ch
FORSYTH, Robert IAGA Imperial College The Blackett Lab, Prince Consort Road, London, SW7 2BZ, UK 0171 594 7761 0171 594 7772 r.forsyth@ic.ac.uk	FOX, Dr Nicola IAGA NASA/GSFC - JHU/APL Code 696, Greenbelt, Maryland, 20771, USA +1 301 286 8872 +1 301 286 1648 nicola.fox@gsfc.nasa.gov	FRANK, Enrico Institute of Hydrology, UK Wallingford, Oxfordshire, OX10 8BB, UK 01481 692281 efr@ioh.ac.uk	FREIMAN, Miss Mona Tal IAMAS Univ. of The Witwatersrand Climatology Research Group, Dept. of Geography, Private Bag 3, Johannesburg, Wits 2050, South Africa +27 11 7162998/86 +27 11 7163161 tali@crg.bpb.wits.ac.za
FORT, Mr Jean Kinematics Inc. 222 Vista Avenue, Pasadena, CA, 91107, USA 626 795-2220 626 795-0868 jmf@kmi.com	FOX, Dr Peter High Altitude OBS / NCAR Po Box 3000, Boulder, Colorado, USA +1 303 497 1511 +1 303 497 1589 pfox@ucar.edu	FRANK, Professor Louis A IAGA The University of Iowa 212 Van Allen, Dept. of Physics & Astronomy, Iowa City, IA, 52242-1479, USA 1 319 335 1695 1 319 335 1753 frank@iowasp.physics.uiowa.edu	FREISTUEHLER, Mrs Elke IAHS Ruhr-Universitaet Ihwmmt, Universitaetsstrasse 150, Bochum, D-44780, Germany + +49 234 700 7619 + +49 234 7094 153 elke.freistuehler@ruhr-uni-bochum.de
FORTES, Mr Luiz IAG Univ. Calgary, Canada Dept. of Geomatics Engineering, 2500 University Drive N.W., Calgary, AB, T2N 1N4, CANADA 1 403 220 4983 1 403 284 1980 ipsforte@ucalgary.ca	FOX-RABINOVITZ, Dr M IAMAS University of Maryland Dept. of Meteorology, University of Maryland, Maryland, 20742, USA 13012863604 13012861757 foxab@atmos.umd.edu	FRANKS, Dr Stewart IAHS University of Newcastle Dept. of Civil, Surveying And, Environ. Engineering, Callaghan, 2308, Australia +61 249 216053 +61 249 215991 ceswf@civeng.newcastle.edu.au	FREW, Dr Nelson Woods Hole Oceanographic Inst. Dept. Marine Chemistry/Geochem, 360 Woods Hole Road Mail#4, Woods Hole, MA, 025431543, USA (508) 289 2489 (508) 457 2164 nfrew@whoi.edu

FRIEDEL, Reiner Los Alamos National Laboratory NIS-2 MS D436, Los Alamos, NM, 87545, USA 1 505 665 1936 1 505 665 4414 friedel@lanl.gov	IAGA	FU, Mrs Suiyan MPI Fuer Aeronomie, Katlenburg- Lindau, D-37191, Germany 0049 555 979 224 0049 555 979 240 syfu@linmpi.mpg.de	IAGA	FUJIOKA, Dr Kantaro JAMSTEC 2-15, Natsushima-Cho Yokosuka Kanagawa, 237-0061, Japan 81 468 67 5565 81 468 66 6364 fujiokak@jamstec.go.jp		FULLER-ROWELL, Dr Timothy Space Environment Centre 325 Broadway, Boulder, Colorado, 80303, USA 303-497-5764 303-497-3645 tjfr@sec.noaa.gov	IAGA
FRIEDLINGSTEIN, Dr Pierre LSCE Unite Mixte 1572 Cea-Cnrs, Gif Sur Yvette, 91191, France 33 1 69 08 87 30 33 1 69 08 77 16 pierre@lsce.saclay.cea.fr		FU, Professor Zhengxiang China Seismological Bureau Center for Analysis & Predict, 63 Fuxing Avenue, Beijing, 100036, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	IASPEI	FUJITA, Dr Eisuke NIED Tennodai 3-1, Tsukuba, Ibaraki, 305 0006, Japan +81 298 51 1611 +81 298 51 5658 fujita@geo.bosai.go.jp	IAVCEI	FURUE, Dr Ryo University of Tokyo Center for Climate System, Research. 4-6-1 Komaba, Meguro-Ku, Tokyo, 153-8904, Japan +81-3-5453-3969 +81-3-5453-3964 furufuru@ccsr.u-tokyo.ac.jp	IAPSO
FRIIS-CHRISTENSEN, Prof E Danish Space Research Inst. Juliane Maries Vej 30, Copenhagen Oe, DK-2100, Denmark +45 35 32 57 07 +45 35 36 24 75 efc@dsri.dk		FUCHS, Dr Elmar Federal Inst. of Hydrology Kaiserln-Augusta-Anlagen 15-17, Kablenz, D-56068, Germany +49 261 1308 5338 +49 261 1308 5152 fuchs@bafg.de		Fujiwara, Professor T Kyoto University Graduate School Of Agriculture, Sakyoku, Kyoto, 606-8502, Japan +81-75-753-6215 +81-75-753-6227 fujiwara@kyoto-u.ac.	IAPSO	GABRIEL, Dr Axel Universität Rostock Institut Für Atmosphärenphysik, Schlossstr. 6, Kühlungsborn, D-18209, Germany +49 38293/68 390 gabriel@iap.kboru.de	IAMAS
FRITTS, Dr David Colorado Research Associates 3380 Mitchell Lane, Boulder, Colorado, 80301, USA 01-303-415-9701 ext.205 01-303-415-9702 dave@colorado.research.com	IAMAS	FUJII, Mr Masahiko Hokkaido University Division of Oceanic & Atmos, Graduate School Of Envi. Earth, N10W5 KITA, Sapporo, 060 0810, Japan 011 706 2299 011 706 4865 fujii@ees.hokudai.ac.jp	UNION	FUKAO, Professor Yoshio University of Tokyo Earthquake Research Institute, Yayoi 1-1-1, Bunkyo-Ku, Tokyo, 113-0032, JAPAN +81 3 3818 6279 +81 3 3812 9417 fukao@eri.u-tokyo.ac.jp	IASPEI	GABRIEL, Dr Gerald Geowissenschaftliche Gemeinschaftsaufgaben, Stilleweg 2, Hannover, 30655, Germany +49 511 643 3510 +49 511 643 3665 gerald.gabriel@gga-hannover.de	
FROEHLICH, Professor W Polish Academy Of Sciences KR. Jadwigi 33/22, PO BOX 72, Nowy Sacz, 33-303, Poland 48 18 4436791 48 18 4436791 wfroehlich@wg.ns.onet.pl	IAHS	FUJII, Professor Y NIPPO CO. LTD. 1-8-7, Kodai, Miyamae-Ku, Kawasaki, 216 0007, Japan +81 44 855 3211 +81 84 857 7205 nipposys@bremen.or.jp	IAG	FUKUDA, Professor Yoichi Kyoto University Graduate School of Sciences, Kitashirakawa Oiwakecho, Sakyo-Ku, Kyoto, 606-8502, Japan 0081-75-753-3912 0081-75-753-3912 fukuda@kugi.kyoto-u.ac.jp	IAG	GACIC, Dr Miroslav O.G.S. PO Box 2001, Trieste, 34016, Italy 390402140210 390402140319 mgacic@ogs.trieste.it	IAPSO
FRÖHLICH, Dr Claus PMD0/WRC. Davos Dorfstrasse 33, Davos Dorf, CH 7260, Switzerland +41 81 417 51 36 +41 81 417 51 00 claus@obsun.pmodwrc.ch	IAMAS	FUJIMA, Dr Koji Nat. Defense Academy of Japan Dept. of Civil Eng., 1-10-20 Hashirimizu, Yokosuka, 239-8686, Japan 81 468 41 3810 EXT 2355 81 468 44 5913 fujima@cc.nda.ac.jp	IASPEI	FUKUNISHI, Professor HR Tohoku University Department of Geophysics, Aramaki- Aoba Sendai, 980-8578, Japan 81-22-217-6734 81-22-217-5775 fuku@pat.geophys.tohoku.ac.jp	IAGA	GADSDEN, Dr Michael 12 Keir Street, Perth, Scotland, PH2 7HJ, UK 01738 440358 01738 440358 m.gadsden@abd.ac.uk	IAGA
FROIDEVAUX, Professor C Ecole Normale Superieure Department Tao, Ecole Normale Superieure, Paris, 75231, France 33 1 44 32 22 13 33 1 44 32 22 00 froidevo@geophys.ens.fr	IASPEI	FUJIMOTO, Dr Masaki Tokyo Inst. Tech. Dept. Earth Planet. SCI., 2-12-1 Ookayama, Meguro, Tokyo, 152-8551, Japan 0081-3-5734-3535 0081-3-5734-3537 fujimoto@geo.titech#	IAGA	FUKUSHIMA, Professor H. Tokai University School of High-Tech., 317 Nishino, Numazu, 410-0395, Japan 0081-559-68 1111 0081-559-68 1155 hajime@fksh.fc.u-tokai.ac.jp	IAMAS	GAGE, Dr Kenneth NOAA Aeronomy Laboratory NOAA/ERL, 325 Broadway, Boulder, Colorado, 80303, USA 303 497 3964 303 497 5373 kgage@al.noaa.gov	IAMAS
FRYER, Dr Gerard University of Hawaii At Manoa 2525 Correa Road, Honolulu, Hawaii, 96822, USA 808 956 7875 808 956 3188 gerard@hawaii.edu	IASPEI	FUJINAWA, Dr Yukio Earth Sci. & Disaster Prevent. Tennodai 3-1, Tsukuba-Shi, Ibaraki-Ken, 300 0006, Japan +81 298 51 1611 +81 298 56 2795 fujinawa@bosai.go.jp	IAGA	FUKUSHIMA, Professor N. University of Tokyo Dept. of Earth & Planetary Phy, Chofu-Shi, Wakabacho 1-1-94, Tokyo, 182 0003, Japan +813 3300 7591 +813 3300 7591 fukushima@nipr.ac.jp	IAGA	GALBAN, Fernando Instituto Geografico Militar Cabildo 381, Buenos Aires, 1426, Argentina 054 114 7600608 054 114 5765619 fernando@mapas.igm.gov.ar	IAG
FU, Dr Qiang Dalhousie University Department of Oceanography, Halifax, NS, B3H 4J1, Canada 902 494 6448 902 494 2885 qiang.fu@dal.ca		FUJINUMA, Dr Yasumi NIES 16-2 Onogawa, Tsukuba-Shi, Ibaraki-Ken, 305 0053, Japan 81 298 50 2517 81 298 58 2645 fujinuma@nies.go.jp		FUKUSHIMA, Professor Y Nagoya University , Nagoya, 464-8601, Japan 81 52 789 3474 81 52 789 3436 yoshi@ihns.nagoya-u.ac.jp	IAHS	GALLARDO, Dr Clemente Universidad Complutense Dept. De Geofisica Y Met., Facultad De Ciencias Fisicas, Ciudad, Madrid, 28040, Spain +34 91 394 45 13 +34 91 394 43 98 etmemelc@eucmos.sim.ucm.es	IAMAS
FU, Mr Chao York University Dept. of Earth And Atmospheric, Science, Keele Street, Toronto, Ontario, M3J 1P3, Canada +1-416-736-2100 ext 44672 +1-416-736-5817 chaos@nimbus.yorku.ca	IAMAS	FULLER, Professor Mike University of Hawaii Higp-Soest, Mawoa, Hunululu, 96822, USA 808 956 4038 808 956 3188 mfuller@suest.hawaii.edu		GALLOWAY, Mr David British Geological Survey Murchison House, West Mains Road, Edinburgh, EH93LA, UK 0131 6500273 0131 6671877 d.galloway@bg.ac.uk.	IASPEI		

GALPERIN, Professor Yuri Space Research Inst. of Ras 84/32 Profsoyuznaya STR., Moscow, 117810, Russia 7 095 333 1422 7 095 310 7023 ygalperin@iki.rssi.ru	IAGA	GARCIA, Dr Alicia DPTO. Volcanologia/Mncn-Csic Jose Gutierrez Abascal No2, Madrid, 28006, Spain 34 91 4111328 34 91 5644740 mongg92@plnar1.csic.es	IAGA	GASPARIK, Professor T Suny Stony Brook Department of Geosciences, State University of New York, Stony Brook, New York, NY 11794, USA 516 632-8213 516 632-8140 gasparik@sbmp04.ess.sunysb.edu	IASPEI	GEGOUT, Dr Pascal EOST 5, Uie Rene Descartes, Strasbourg, 67084, France 03 88 41 66 94 pascal.gegout@eost.u-strasbg.fr	IAG
GAMBIS, Dr Daniel Paris Observatory / Iers 61 Avenue De L'observatoire, Paris, 75014, France +33 1 40 51 22 29 gambise@obspm.fr	IAG	GARCIA, Dr Marc A Univ. Politecnica De Catalunya Lab. D'enginyeria Maritima, C/Jordi Girona 1-3, Modul D1, Barcelona, 08034, Spain 34 93 4016468 34 93 4017357 garcial@etseccpb.upc.es	IAPSO	GASPARINI, Paolo University Of Napoli Mostra D'oltremare Pad.16, Napoli, 80125, Italy +39 081 7253306/7 paolo.gaspazini@na.infn.it	IAVCEI	GEHRELS, Dr Hans Inst. Applied Geoscience Tno PO Box 6012, Delft, 2600 JA, The Netherlands +31 15 269 6819 +31 15 256 4800 j.gehrels@nitg.tno.nl	IAHS
GAMBLE, Professor John Victoria Univ. of Wellington School of Earth Sciences, P.O. Box 600, Wellington, New Zealand 00 64 4 4721000 EXT 8401 00 64 4 4955186 john.gamble@vuw.ac.nz	IAVCEI	GARCIA-FERNANDEZ, Dr M Instituto "Jaume Almera"/Csic Dept. Geofisica, Lluís Sole I Sabaris, S/N, Barcelona, E-08028, Spain 34 93 409 5416 34 93 411 0012 mgarcia@ija.csic.es	IASPEI	GATES, W Lawrence Lawrence Livermore Nat. Lab. P.O. Box 808, L264, Livermore, 94551, USA (925) 422 7642 (925) 422 7675 gates5@llnl.gov	IAMAS	GEIGER, Alain Inst. Of Geodesy & Photogram. Eth - Zurich, 8093, Switzerland +41 16 333244 +41 16 331066 geiger@geod.ethz.ch	IAG
GAMO, Toshitaka University Of Tokyo Ocean Research Institute, 1-15-1, Minamidai/Nakano-Ku, Tokyo, 164-8639, Japan +81 3 5351 6449 +81 3 5351 6452 gamo@ori.u-tokyo.ac.jp		GARDNER, Dr Cate M K PRESS IAHS Press Institute of Hydrology, Wallingford, OXON, OX10 8BB, UK 01491 692288 cate@iahs.demon.co.uk	IAHS	GAUDRU, Mr Henry Euro.Volcanological Society Case Postal 1, Geneva 17, 1211, Switzerland 0041-22.759.21.05 gaudrusve@compuserve.com	IAVCEI	GELLER, Professor Marvin Suny/Stony Brook Msrc, Stony Brook, New York, 11794-5000, USA 516 632 8781 516 632 8915 mgeller@notes.cc.sunysb.edu	IAMAS
GANGULI, Dr Supriya SAIC MS 2-6-9, 1710 Goodridge Drive, McLean, Virginia, 22102, USA +1 703 749 8645 +1 703 556 3364 Supriya@apo.saic.com	IAGA	GARMIER, Mr Romain Observatoire Midi-Pyrenees 14 Avenue E. Belin, Toulouse, 31400, France 33 0 5 61 33 28 22 33 0 5 61 33 24 00 garmier@boreal-ci.cst.cnes.fr	IAGA	GAULD, Mr John Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400		GENDE, Mr Mauricio A. Facultad/Ciencias Astro. & Geo C.C 219, La Plata, 1900, Argentina +54 221 4838810 +54 221 4211761 mgende@fcaglp.unlp.edu.ar	IAG
GANOPOLSKI, Dr Andrey PIK PO Box 601203, Potsdam, D-14412, Germany 0049 331 288 2594 0049 331 288 2695 andrey@pik-potsdam.de	UNION	GARNERO, PROFESSOR ED Arizona State University Dept. of Geology, Box 871404, Tempe, Arizona, 85287, USA 480 965 7653 480 965 8102 garnero@asu.edu	IASPEI	GAUR, Professor Vinod National Aerospace Labs. Centre for Mathematical, Modelling, Belur Campus, Bangalore, 560037, India 080-5274662 080-5260392 gaura@cmmacs.ernet.in	IASPEI	GENSANE, Mr Oliviev IPGP 4, Place Jassieu, Paris, 75 005, France geusau@ipgp.jessieu.fr	
GANUSHKINA, Dr Natalia Finnish Meteorological Inst. Geophysical Research, Po Box 503, Helsinki, FIN-00101, Finland 358-9-1929-4674 358-9-1929-4603 nataly.ganushkina@fmi.fi	IAGA	GARRATT, Dr John CSIRO CSIRO Atmospheric Research, PMB #1, Aspendale, VIC. 319, Australia 613 9239 4525 613 9239 4444 john.garratt@dar.csiro.au		GAURIWI, Carlo University Of Rome Via Eudossia 18, Rome, 00139, Italy +39 6 44585 111 +39 6 488 4852 gauriwi@scilla.uniroma.it		GEORGE, Mr Steve University College London Mullard Space Science Lab, Holmbury St Mary, Nr Dorking, Surrey, RH5 6NT, UK 01483 204 149 01483 278 312 seg@mssl.ucl.ac.uk	IAMAS
GAO, Dr Shu Chinese Academy of Sciences Institute of Oceanography, 7 Nanhai Road, Qingdao, 266071, China +532 287 9062 2116 +532 287 0882 shugao@ms.qdio.ac.cn	IAPSO	GASCA TUCKER, Mr David University College London International Hall, Brunswick Square, London, WC1N 1AS, UK 0121 414 7248 0121 414 5668 dgasca@geography.ucl.ac.uk	IAHS	GAVRILOV, Mr Nikolai Saint Petersburg University Atmospheric Physics Department, 1 Ul'yanovskaya Street, Petrodvorets, St. Petersburg, 198904, Russia 7 812 428 4489 7 812 428 7240 gavrilov@snoopy.phs.spbu.ru	IAGA	GERSTBACH, Gottfried TU Vienna Gusshausu. 27-29/1281, Inst. of Geodesy, Vienna, Austria 431 58801 12867 ggerstb@luna.tuwiew.ac.at	IAG
GAO, Dr Xiaoping LIPAP 316 Donggang Xilu, Lanzhou, Gansu Province, 730000, China 0086 0931 8834049 0086 0931 8821158 xqgao@lzu.edu.cn	IAMAS	GASH, Mrs Jill IAHS PRESS C/O Institute of Hydrology, Wallingford, OX10 8BB, UK 01491 692442 01491 692448 jilly@iahs.demon.co.uk	IAHS PRESS	GAYET, Dr Jean-Francois LAMP Lamp/Universite Blaise Pascal, 24, Avenue Des Landais, Aubiere, 63177, France 33 4 73 40 73 62 33 4 73 40 51 36 gayet@opgc.univ-bpclermont	IAMAS	GERSTENECKER, Professor C Darmstadt University of Tech. Institute of Physical Geodesy, Petersenstr. 13, Darmstadt, D-64287, Germany ++49-6151-163209 ++49-6151-164916 gerstenecker@geod.tu-darmstadt.de	IAG
GARATE, Mr Jorge Observatorio San Fernando Cecilio Pujazon SN, San Fernando, Cadiz, 11110, Spain 956 59 90 00 EXT 6569 956 59 9366 jgarate@roa.es	IAGA	GASKILL, Sarah Environment Agency 550 Streetsbrook Road, Solihull, B91 1QT, UK 0121 711 2324 0121 711 5824		GEDNEY, Dr Nicola MET. Office Hadley Centre, London Road, Bracknell, RG12 2SY, UK 01344 856017 01344 854898 ngedney@meto.gov.uk	IAMAS	GERTISSER, Mr Ralf Universität Freiburg Institut Für Mineralogie, Petrologie Und Geochemie, Freiburg, 79104, Germany +49-0761-203-6425 +49-0761-203-6407 gertisse@ruf.uni-freiburg.de	IAVCEI

GETTELMAN, Mr Andrew IAMAS University of Washington UW Atmospheric Sciences, Box. 351640, Seattle, Washington, 98195-1640, USA +1 206 543 1646 +1 206 543 0308 andrew@atmos.washington.edu	GIERS, Mrs Antje IAHS Ruhr-Universitaet Ihwmet, Universitaetsstrasse 150, Bochum, D-44780, Germany ++49 234 700 7619 ++49 234 7094 153 ante.giers@ruhr-uni-bochum.de	GITTERMAN, Dr Yefim IASPEI The Geophysical Institute P.O.B. 2286, Holon, 58122, Israel 972 3 5576049 972 3 5502925 yefim@iprg.energy.gov.il	GOETZE, Hans J. IASPEI FR Geophysik Fei Berlin, Halteserstr 74 100, Haus N., Berlin, 12249, Germany 00 49 30 77 92 874 00 49 30 77 53 078 hajjo@geophysik.fu-berlin.de
GETTINGS, Dr Mark IAGA U.S. Geologic Survey 520 N. Park Ave. Siute 355, Tucson, Arizona, 85704, USA 520 670 5507 520 670 5571 mgetting@swfo.arizona.edu	GIL, Dr Antonio IAG Universidad De Jaen Virgen De La Cabeza, 2, JAEN, 23071, Spain +31 953 21 24 67 ajgil@ujaen.es	GLADMAN, Mr Graham IAMAS/IAPSO University Of Reading Department Of Meteorology, PO Box 243, Earley Gate, Reading, RG6 6BB, UK 0118 987 5123 EXT 4284 0118 931 8316 swr97gjj@reading.ac.uk	GOFF, Dr James Department Of Conservation Po Box 12416, Wallington, New Zealand +64 4 499 2378 +64 4 499 2301 jgoff@doc.govt.nz
GEYER, Mr Joachim Ruhr-University Bochum Institute for Hydrology Water Management (IA 01/42), BOCHUM, 44780, Germany +49 234 700 7621 +49 234 7094153 joachim.geyer@ruhr-uni-bochum.de	GILES, Dr Barbara IAGA NASA/Goddard Space Flight Cntr Code 692, Greenbelt, MD 20771, USA 1 301 286 0447 1 978 926 5691 barbara.giles@gssc.nasa.gov	GLASBY, Dr Geoff Geological Survey Of Japan Marine Geology Department, 1-1-3 Higashi, Tsukuba, Ibaraki, 305, Japan +81 298 54 3589	GOGORZA, Dr Claudia IAGA IFAS - UNCPBA PINTO 399, Tandil, 7000, Argentina 54 2293 447110 54 2293 444433 cgogorza@ifas.exa.unicen.edu.ar
GHOSH, Dr S IAMAS UMIST Dept. of Physics, P.O Box 88, Manchester, M6D 1QD, UK 0161 200 3965 0161 200 3941	GILLETT, Mr Nathan IAMAS AOPP, Oxford University Clarendon Laboratory, Parks Road, Oxford, OX1 3PU, UK 1865 272 088 1865 272 923 gillett@atm.ox.ac.uk	GLAZMAN, Dr Roman IAPSO JET Propulsion Laboratory Mail Stop 300-323, 4800 Oak Grove Drive, Pasadena, CA, 91109-8099, USA 818 354 7151 818 393 6720 reg@pacific.jpl.nasa.gov	GOKHBERG, Mikhail IAGA Inst. Physics of The Earth Moscow, Russia 007 095 2546134 2556040
GHOSH, Dr Suchita IAMAS J.P. University Rajinder College, Sri Nandan Road, Capra, Bihar, 841301, INDIA +91 6152 22709 chowdhrys@delpo1.in.unisys.com	GINIS, Professor Isaac IAMAS University of Rhode Island Graduate School of Oceanograph, 215 South Ferry Road, Narragansett, Rhode Island, 02882, USA 401 874 6484 401 874 6728 iginis@gso.uri.edu	GLAZOVSKIY, Dr Andrey IAHS Institute of Geography Staromonetny 29, Moscow, 109017, Russia (095) 125 9011 (095) 959 0033 andrey@glazov.msk.ru	GOLOVKOV, Professor Vadim IAGA IZMIRAN Troitsk, Moscow Region, 142092, Russia 7(095)3340121 7(095)3340124 golov@izmiran.rssi.ru
GIANIBELLI, Professor J IAGA Faculty of Astro. & Geophy. Sc Observ. Astro. De La Plata, Paseodez Bosque, La Plata, 1900, Argentina 54 221 421 7308 54 221 421 1761 jcg@faglp.inlp.edu.ar	GINZBURG, Dr Boris IAGA Geological Survey of Israel 10/18 Aharony Street, Rehovet, 76281, Israel +979 8 946 1972 +972 2 538 0688 borginz@hotmail.com	GLECKLER, Dr Peter IAMAS LLNL/PCMDI L-264, LLNL, P.O. Box 808, Livermore, California, 94117, USA 925 422 7631 925 422 7675 gleckler1@llnl.gov	GOMA, Willy IAMAS Department of Meteorology PO Box 30200, Lusaka, 10101, Zambia +28 14 86 251889 +28 26 10 251889 zmd@zamnet.zm
GIARDINI, Professor D IASPEI ETH Hoenggerberg Zurich, CH8093, Switzerland 41 1 6332605 44 1 6331065 giardini@seismo.ifg.ethz.ch	GIORDANI, Dr Herve IAMAS Meteo-France/Cnrm 42 AV G Coriolis, Toulouse, 31057, France +335 61 07 93 81 +335 61 07 96 10 giorgani@meteo.fr	GLEN, Dr John IAHS 166 Sellywood Road, Bournville, Birmingham, B30 1UX, UK 0121 472 4374 0121 414 4719	GOMBOSI, Professor Tamas IAGA University Of Michigan 2455 Hayward, RM. 1416, Ann Arbor, 48109-2143, USA
GIBBONS, Dr Steven IAGA University of Exeter School of Mathematical Scienc., Laver Building, 921, Exeter, EX4 4QE, UK 01392 263967 01392 263997 sgibbons@maths.ex.ac.uk	GIORGETTA, Dr Marco IAMAS MPI for Meteorology Bundesstr 55, Hamburg, 20146, Germany +49 40 411 73298 giorgetta@dkyz.de	GLEN, Dr Jonathan IAVCEI Berkeley Geochronology Center 2455 Ridge Road, Berkeley, CA, 94709, USA 510 644 9200 510 644 9201 jglen@bgc.org	GOMEZ, Dr Francisca IAVCEI Benfield Greig Ltd. 55 Bishopgate, London, EC2N 3BD, UK 0171 52239561 0171 8161600 francisca.gomez@benfieldgreig.com
GIBSON, Dr John IAHS University Of Waterloo Geography Department, Waterloo, Ontario, N2L 3G1, Canada +1 519 888 4567 EXT 3384 +1 519 746 1658 jjgibson@fes.uwaterloo.ca	GIORGI, Dr Filippo UNION ICTP Strada Costiera 11, Trieste, 34100, Italy +39 040 2240425 +39 040 2240449 giorgi@ictp.trieste.it	GLOVER, Dr Robin University Of Reading Department Of Meteorology, Earley Gate, P.O.BOX 243, Reading, RG6 6BB, UK 0118 987123 0118 9318905 robin@met.rdg.ac.uk	GONZALEZ, Dr Walter INPE Brazilian Nat. Space Res. Inst, C.P.515, Sao Jose Dos Campos, Sao Paulo, 12201-970, Brazil 55 12 3456805 55 12 3456810 gonzalez@dge.inpe.br
GIBSON, Mr Gary IASPEI Seismology Research Centre 2 Park Drive, Bundoora, Victoria, 3083, Australia +61 3 9455 2011 +61 3 9455 1940 gary@seis.com.au	GITIS, Dr Valeri IASPEI Russian Academy of Sciences IITP, Bolshoi Karetnyi Lane 19, Moscow, GSP-4, 101447, Russia 7 095 2995096 7 095 2090579 gitis@iitp.ru	GOERTZ, Herman IAHS/IAMAS Environment Canada 75 Earquhar St, Waterloo, Ontario, N2K 3X8, Canada 519 823 4215 519 826 2083 hernan.goertz@ec.gc.ca	GOOD, Professor Gregory IAGA West Virginia University History Dept., P.O. Box 6303, Morgantown, West Virginia, 26506-6303, USA 304 293 2421 EXT.5247 304 293 6858 ggood@wvu.edu

GOODISON, Dr Barry Environment Canada Climate Research Branch/Aes, 4905 Dufferin Street, Downsview, Ontario, M3H 5T4, Canada 416 739 4345 416 739 5700 barry.goodison@ec.gc.ca	IAHS	GRAFAREND, Professor E.W. Universität Stuttgart Geodiätisches Institut, Geschwister Schollstrasse 24d, Stuttgart, 70174, Germany 0049-711-121-3390 grafarend@gis.uni-stuttgart.de	IAG	GREEN, Mr Aidan University of Wales Department of Physics, Aberystwyth, Wales, SY23 3BZ, UK 01970 622 847 0870 0882 622 acg@aber.ac.uk	IAMAS	GREGG, Professor Michael University of Washington Applied Physics Laboratory, 1013 NE 40TH ST., Seattle, Washington, 98105, USA 1 206 543 1353 1 206 543 6785 gregg@apl.washington.edu	IAPSO
GOPALSWAMY, Nat NASA/GSFC Bldg 26, RM G-1, Code 682-3, Greenbelt, Maryland, MD 20771, USA +1 301 286 5885 gopals@fugee.gsfc.nasa.gov	IAGA	GRAMMATICA, Miss N. IUEM-UBO Inst. Univ. Europeen De La Mar, Place Nicolas Copernic, Plouzane, 29280, France 33 2 98 49 87 48 33 2 98 49 87 60 naphsica@sdt.uni-brest.fr	IAGA	GREEN, Ms Janet University of California 6600 Orange Street #201, Los Angeles, California, 90048, USA 323 655 2847 jgreen@igpp.ucla.edu	IAGA	GREGORI, Professor G P IFA (CNR) Via Fosso Del Cavaliere 100, Roma, 00133, Italy ++39 06 49934321 ++39 06 20660231 gregori@atmos.ifa.cnr.it	IAGA
GOSAR, Dr Andrej Geophysical Survey of Slovenia Mepp, Pot Na Golovec 25, Ljubljana, SI 1000, Slovenia +386 61 1863151 +386 61 1405370 andrej.gosar@gov.si	IASPEI	GRAMMATICA, Naphsica UBO-IUEM-UMR "Domaines Ocean." Place Nicolas Copernic, Plouzane, 29280, France 33 1 9849 8748 33 2 9849 8760 naphsica@solt.univ-brest.fr	IAGA	GREEN, Ms L M Mullard Space Science Lab. Holmbury St. Mary, Dorking, Surrey, RH5 6NT, UK 01483 204 162 lmg@mssl.ucl.ac.uk	IAGA	GREGORY, Dr David ECMWF Shinfield Park, Reading, Berkshire, RG2 9AX, UK 44 (0)118 949 9730 44 (0)118 986 9450 dgregory@ecmwf.int	IAMAS
GOSLING, Dr John Los Alamos National Laboratory MS D466, Los Alamos, NM, 87545, USA 1 505-667-5389 1 505-665-7395 jgosling@lanl.gov	IAGA	GRAND, Professor Stephen University of Texas Dept of Geological Sciences, Austin, Texas, 78712, USA 512 471 3005 512 471 9425 steveg@maestro.geo.utexas.edu	IASPEI	GREEN, Professor Alan INT. Lithosphere Program Institute of Geophysics, Eth Hoenggerberg, Zurich, CH-8093, Switzerland 41 1 633 2657 41 1 633 1065 alan@augias.geo.physics.ethz.ch	IASPEI	GREGORY, Mr Andrew University of Reading Cent. for Global Atmos. Model., Early Gate, Po Box 243, Reading, RG6 6BB, UK 0118-987 5123 / 4383 0118-931 8905 a.r.gregory@reading.ac.uk	IAMAS
GOSLING, Mr Paul Military Survey Geodetic Branch, Clarke Building, Elmwood Ave., Feltham, Middlesex, TW13 7AH, UK 0181 818 2463 0181 818 2574	IAG	GRANDE, Dr Manuel I Warwick University Rutherford Appleton Lab., Chilton, Didcot, Oxon, OX11 0OY, UK 01235 446501 01235 446509 m.grande@rl.ac.uk	AGA	GREENFIELD, Mr James EPA 61 forsyth Street, Atlanta Sam Nunn Federal Cent., Water Mgnt. Div. Epa Region 4, Atlanta, Georgia, 30132, USA (404)562 9238 (404)562 9224 greenfield.jim@epa.gov		GRENELL, Dr Lee NASA Goddard Institute 4452 Riverside Drive, Apt94, New York, 10027, USA (212) 678 5592 (212) 678 5552 igrenfell@giss.nasa.gov	IAMAS
GOTTSCHALK, Professor L University of Oslo Dept. of Geophysics, P.O. Box 1022 Blindern, Oslo, N-0315, Norway +47 22 85 58 09 +47 22 85 52 69 lars.gottschalk@geofysikk.uio.no	IAHS	GRANT, Dr Donald Land Information New Zealand National Office, PO Box 5501, Wellington, New Zealand +64 4 498 3506 +64 4 460 0575 dgrant@linz.govt.nz	IAG	GREER, Mr Anthony Allan University Of Cambridge Bullard Laboratories, Madingley Rise, Madingley Rd, Cambridge, CB4 1AX, UK 01223 337 183 01223 360779 greer@esc.cam.ac.uk		GREW, Professor Priscilla University of Nebraska-Lincoln 302 Canfield Admin. Building, Lincoln, Nebraska, 68588, USA 1 402 472 3123 1 402 472 3834 pgrew1@unl.edu	UNION
GOULD, Dr John ICPO SOC, Empress Dock, Southampton, SO14 3ZH, UK 01703 596208 01703 596204 wjg@soc.soton.ac.uk	IAMAS	GRAY, Dr Lesley Rutherford Appleton Laboratory Chilton, Didcot, Oxon, England, OX11 0OQ, UK 01235 446745 01235 445848 leslet.gray@rl.ac.uk	IAMAS	GREET, Dr Pene IAG/IAMAS Australian Antarctic Division Channel Highway, Kingston Kingston, Tasmania, 7050, Australia 61 3 6232 3379 61 3 6232 3496 pene.greet@antdiv.gov.au		GREZIO, Miss Anita IAPSO Southampton Oceanography Cent. School of Ocean And Earth Sci., University of Southampton, European Way, Southampton, SO14 3ZH, UK +44 (0)1703 59 64 88 +44 (0)1703 59 30 59 a.grezio@soc.soton.ac.uk	
GOVAERTS, Mr Yves EU Hetsat AM Kavalleniesand 31, Darnstadt, 64295, Germany +49 6151 807 362 +49 6151 807 838 govaerts@eumetsat.de		GRAY, Dr Suzanne University of Reading Department of Meteorology, Earley Gate, Reading, RG6 6BB, UK +44 0118 9875123 EXT 7380 +44 0118 9318905 s.l.gray@reading.ac.uk		GRIFFIN, Eoghan University College London Dept. of Physics & Astronomy, 67-73 Riding House Street, London, W1P 7PP, UK +44 (0)171 504 9023 +44 (0)171 504 9024 anasuya@appg.ph.ucl.ac.uk			
GOYETTE, Mr Stephane University of Fribourg Inst. of Geography, Perolles, 1700, Switzerland +41 26 300 90 10 +41 26 300 97 46 stephane.goyette@unifr.ch	IAMAS	GRAY, Dr Warren IAMAS NIWA P.O. Box 14-901, Wellington, New Zealand 0064-4-386 0332 0064-4-386 2153 w.gray@niwa.cri.nz	IAMAS	GREGersen, Professor S IASPEI KMS Rentemestervej 8, Copenhagen NV, DK- 2400, Denmark +45 35 87 50 50 +45 35 87 50 52 srg@kms.dk		GRIFFITHS, Dr Morwenna University Of Reading Department Of Meteorology, P.O. Box 243, Reading, RG6 6BB, UK 0118-987 5123 / 7380 0118-931 8905 m.griffiths@reading.ac.uk	
GRAF, Dr Hans-F Max Planck Institute Bundesstr. 55, Hamburg, 20146, Germany +49 40 411 73 247 +49 40 44 1787 graf@dkrz.de	IAMAS	GREEN, Dr Arthur IAGA Intermagnet 2051 SO. Jay Way, Lakewood Colorado, 80227, USA 1 303 273 84 82 1 303 969 9562 awgreen@ghmail.cr.usgs.gov	IAGA				

GRIMMOND, Dr Susan B IAHS Indiana University 701 E.Kirkwood Avenue, Student Bldg 120, Bloomington, In, 47405, USA 1-812 8557971 1-212-855-1661 grimmon@indiana.edu	GRÖTEN, Professor Erwin IAG Institute of Physical Geodesy Techn. Hochschule, Petersenstr. 13, Darmstadt, D-64287, Germany 49 6151 163109 groten@ipgs.ipg.verm.tu-darmstadt.de	GUDMUNDSSON, Olafur Australian National University Research School of Earth, Sciences, Canberra, ACT 0200, Australia +61 2 6288 1037 +61 2 6257 2737 oli@rses.anu.edu.au	GUPTA, Professor Hoshin V The University of Arizona Departement of Hydrology &, Water Resources, Tucson, Arizona, 85721, USA 520 621 9360 520 626 2488 hoshin@hwr.arizona.edu
GRITSOUN, Dr Andrei IAMAS Inst. Of Numerical Maths. 8 Gubkina Street, Ras, Moscow, 117951, Russia +7 095 938 3902 +7 095 938 1821 andrusha@inm.ras.ru	GROVE-RASMUSSEN, Mr Jakob IAG Danish Meteorological Inst. Lyngbyves 100, Copenhagen, DK- 2100, Denmark +49 3915 7470 +49 3915 7460 jgr@dmi.dk	GUENDEL, Federico IASPEI Uppsala University Department of Earth Sciences, Villavägen 16, Uppsala, 75236, Sweden 0046 18 4711474 0046 18 501110 fgu@geofys.uu.se	GURER, Dr Aysan IAGA University of Istanbul Geophysical Engineering Dept., Aucilar Campus, Istanbul, 34850, Turkey +90 212 5911998 +90 212 5911997 agurer@istanbul.edu.tr
GROENAAS, Professor S. IAMAS University Of Bergen Geophysical Institute, Allegt 70, Bergen, 5007, Norway +47 5558 2974 +47 5558 9883 sigbjoern@gfi.uib.no	GRUBER, Miss Sabine IAMAS Johannes Gutenberg University Inst. for Atmospheric Physics, Becherweg 21, Mainz, 55099, Germany 0049-6131-392869 0049-6131-393532 gruber@mail.uni-mainz.de	GUEROVA, Miss Guergana IAMAS University of Sofia Celestijnenlaan 65/67, Leuven, B- 3001, BELGIUM gerova@usa.net	GURK, Mr Marcus IAGA Université De Neuchatel Inst. Géologie/Grp Géomagnéti., Rue Emile-Argand 11, Neuchatel 7, CH-2007, Switzerland 0041 (0)32 718 2672 marcus.gurk@geol.unine.ch
GROENENDYK, Mr Piet IAHS Staring Centre Integ. Land, Soil & Water Res., Po Box 125, Wageningen, NL-6700 AC, The Netherlands +31 317 47 44 25 p.groenendijk@sc.dlo.nl	GRUBER, Mr Thomas IAG GFZ Potsdam C/O Dlr Oberpfaffenhofen, Wessling, 82234, Germany +49 8153 28 15 78 +49 8153 28 17 35 gruber@gfz-potsdam.de	GUILDERSON, Dr Thomas IAPSO CAMS LLNL L-397, 7000 East Avenue, Livermore, California, 94551, USA 952 422 1753 guilderson1@popeyc.llnl.gov	GURNELL, Professor Angela IAHS University of Birmingham School of Geography and, Environmental Sciences, Birmingham, B15 2TT, UK 0121 414 5526 0121 414 5528 a.m.gurnell@bham.ac.nlc
GROETZNER, Dr Anselm IAMAS MPI Fuer Meteorologie Bundesstr. 55, Hamburg, D-20146, Germany +49 40 41143241 +49 40 41173298 groetzner@dkrz.de	GRUENWALDT, Heiner IAGA Max-Planck-Institut Aeronomie , Katlenbur-Lindau, D-37191, Germany +49 5556 979 413 +49 5556 979 240 grunwaldt@linmpi.mpg.de	GUIMARAES, Mrs Valeria IAG IBGE AV Brasil 15671, Parada De Lucas, Rio De Janeiro, 21 241 051, Brazil 55 21 482 8217 55 21 481 2747 valeriamg@ibge.gov.br	GURNEY, Kevin Colorado State University Dept. Atmos. Sciences, fort Collins, Colorado, 80523, USA +1 970 491 0604 +1 970 941 8449 keving@atmsco.colostate.edu
GROISMAN, Professor Pavel IAHS UCAR NCDC, 151 Patton Avenue, Asheville, Nc, 28801, USA +1 828 271 4347 +1 828 271 4328 pgroisma@ncdc.noaa.gov	GRUN, Eberhard IAGA MPI-K Saupfercheckweg 1, Heidelberg, 69117, Germany 49 6221 516 478 49 6221 516 324 eberhard.gruen@mpi-hd.mpg.de	GULDBERG, Annette IAMAS Danish Meteorological Inst. Lyngbyvej 100, Copenhagen, 2100, Denmark +45 391 574 33 +45 391 576 38 ag@dmi.dk	GURNIS, Professor Michael IASPEI CALTECH Seismo.Lab.252-21, 1200, Pasadena, California, 91125, USA 626-356-6979 626-564-0715 gurnis@caltech.edu
GROLLMANN, Dr Thomas IAMAS Cologne RE Department:Tus-Nhr, Theodor-Heuss- Ring 11, Cologne, 50668, Germany +49 221 9738 731 +49 221 9738 593 grollmann@colognere.com	GUAN, Professor Zheng IAG Tianjen Inst. of Hydro. S&C 40 You Yi Road, Tianjin, 300061, China (86)022 28353537 (86)022 28353537	GULTEPE, Dr Ismail Environment Canada AES 4905 Dufferin St.Downsview, Cloud Physics Res. Div., Totonto, Ontario, M3h 5t4, Canada 1 416 739 4607 1 416 739 4211 ismail.gultepe@ec.gc.ca	GURTNER, Professor Werner IAG University of Berne Astronomical Institute, Sidlerstrasse 5, Bern, CH-3012, Switzerland +41 31 631 38 69 gurtner@aiub.unibe.ch
GROSE, Professor William IAMAS NASA Langley Mail Stop 401b, Hampton, Vancouver, 23665, USA +1 757 864 5820 w.l.grose@larc.nasa.gov	GUBBY, Mr E. Robin Telesat 1601 Telesat Court, Gloucester, Ontario, K1B SP4, Canada 613-748-0123 613-748 8720 r.gubby@telesat.ca	GUNTNER, Mr Andreas IAHS Potsdam Inst/Climate Imp. Res. P.O. Box 60 12 03, Potsdam, 14412, Germany 00 49 331 288 2693 00 49 331 288 2695 guntner@pik-potsdam.de	GURTZ, Dr Joachim IAHS Swiss Federal Inst. Technology Department of Geography, Winterthurerstr. 190, Zurich, Ch-8057, Switzerland +41 1 6355228 +41 1 3625197 gurtz@geo.umnw.ethz.ch
GROSS, Dr Richard IAG Jet Propulsion Laboratory Mail Stop 238-332, 4800 Oak Drove Drive, Pasadena, CA, 91109, USA 001 818 354 4010 001 818 393 6890 richard.gross@jpl.nasa.gov	GUBLER, Dr Erich IAG Federal Office of Topography Seftigenstrasse 264, Wabern B. Bern, 3084, Switzerland 0041-31-963 2233 0041-31-963 2459 erich.gubler@lt.admin.ch	GUOWEI, Professor Liu IAHS NIHWR 1 Xikang Road, Nanjing, 210024, China 86 025 3724655 86 025 3737861 gwliu@nj.col.com.cn	GURUBARAN, Dr Subramanian IAGA Indian Inst. of Geomagnetism Equatorial Geophysical Res.Lab, Krishnapuram B.O., Tirunelveli, 627 011, India 91 462 579465 egrl@md3.vsnl.net.in
GROSSMAN, Professor Klaus University of Wuppertal Dept of Physics, Gauss-Strasse 20, Wuppertal, 42097, Germany 49 202439 2603 49 202 439 2680 gross@wpos2.physik.uni-wuppertal.de	GUDMUNDSSON, Dr Magnus IAVCEI University of Iceland Science Institute, Hofsvallagata 53, Reykjavik, 107, Iceland 354-525-5867 354-552-1347 mtg@raunvis.hi.is	GUPTA, Dr Harsh IASPEI Nation. Geophy. Rese. Inst. National Geophysical Res. Ins., Uppal Road, Hyderabad, 500 007, India 91 40 717 1124 91 40 717 0491/1564 harsh@csngri.ren.nic.in	

GUSELNIKOV, Dr Vladimir Novosibirsk State University Pirogova 2, Novosibirsk, 630090, Russia Russia +7 3832 397838 +7 3832 397807	IAGA	HAAPALA, Mr Jari Juhani University of Helsinki Department of Geophysics, P.O. Box 4, Fin-00014, Finland +358 9 1912 2029 +358 9 1912 3385 jari.j.haapala@helsinki.fi	IAPSO	HAINES, Dr Keith Edinburgh University Meteorology Dept., Mayfield Road, Edinburgh, EH9 3JZ, UK 0131 650 5096 0131 650 5780 kh@met.ed.ac.uk	IAPSO	HAMANO, Professor Yozo University of Tokyo Dept. of Earth & Planetary Phy, Shool of Science, Bunkyo, Tokyo, 113 0033, Japan +813 5841 4293 +813 3818 3247 hamano@geoph.s.u-tokyo.ac.jp	IAGA
GUSIAKOV, Mr Viacheslav ICMMG PR. Lavrentieva 6, Novosibirsk, 630090, Russia 7 3832 32 42 59 7 3832 32 42 59 gvk@omzg.sscs.ru	IASPEI	HAAS, Dr Rüdiger Chalmers University of Tech. Onsala Space Observatory, Onsala, SE-439 92, Sweden +46 31 772 5530 +46 31 772 5590 haas@oso.chalmers.se	IAG	HAINS, Mr Denis Geomatics Canada Natural Resources Canada, 426-615 Booth Street, OTTAWA, Ontario, K1A 0E9, Canada 613 995 4443 613 947 3602 denis.hains@geod.nrcan.gc.ca		HAMBACH, Dr Ulrich University of Cologne Geologisches Institut, Zuelpicher Strasse 49A, KOELN, D-50674, Germany +49 221 470 6100 +49 221 470 5149 uli.hambach@uni-keoln.de	
GUSINSKY, Valery Z. CSRI "Elektropribor" 30 Malaya Posadskaya St, Saint Petersburg, 197046, Russia 7 812 238 78 21 7 812 232 33 76 elprib@erbi.spb.su		HAFIDIN, Chaerul Bakoswrtanal Jl. Raya Jakarta-Bogor, Cibinong, 16911, Indonesia 62 21 879 01254 62 21 879 01254	IAG	HAKANSSON, Bertil S.M.H.I. Norrhoping, S-60176, Sweden +46 11 495 83 85 +46 11 495 80 01 bertil.hakanssun@smhi.se	IAPSO	HAMEDPOUR DARABI, Mr M. Geomagnetism Lab. Oliver Lodge Labs., Oxford Street, Liverpool, L69 7ZE, UK 01517943459 01517943464 sky@liv.ac.uk	IAGA
GUSMAN, Mr A Jake URS Greiner Woodward Clyde 2020 East First Street, Suite 400, Santa Ana, California, 92705, USA 714 835 6886 714 667 7147 jake_gusman@urscorp.com	IAHS	HAFNER, Ms Katrin Caltech Seismology LAB/SCEC 1200 E. California BLVD., 252-21, Caltech, 91125, USA 626 395 2106 626 564 0715 katrin@gps.caltech.edu	UNION	HALDOUPIS, Dr Christos University Of Crete Physics Department, Iraklion, Crete, 714 03, Greece +30 81 39422, 394242 +30 81 394201 haldoupis@talos.cc.ucl.ac.gr	IAGA	HAMILTON, Dr Kevin Geophysical Fluid Dynamics Lab NOAA, P.O Box 308, Princeton, New Jersey, 08542-0308, USA 1 609 452 6673 1 609 987 5063 kph@princeton.edu	
GUSTARD, Dr Alan Institute of Hydrology Maclean Building, Cromwarch Gifford, Wallingford, Oxon, OX10 8BB, UK 01491 838800 01491 692430 a.gustard@mail.nwl.ac.uk	IAHS	HAGEMANN, Dr Stefan MPAe Bundesstr. 55, Hamburg, 20146, Germany +49 40 41173101 +49 40 41173366 hagemann@dkrz.de	IAHS*/IAMAS	HALE, LES CSSL/PENN State 1965 Saliners Drive, Las Cruces NM, 88011, USA +1 505 532 1529 +1 505 532 9361 lesw3lh@aol.com	IAGA/IAMAS	HAMILTON, Dr Robert M National Academy of Sciences 2101 Constitution Avenue Nw, Ha-466, Washington DC, 20418, USA 202 334 3600 202 334 3362 bhamilto@nas.edu	IASPEI
GUYMER, Trevor Southampton Oceanography Cen. Empress Dock, Southampton, SO14 3ZH, UK 01703 596 430 thg@soc.soton.ac.uk	IAMAS	HAGIWARA, PROFESSOR YUKIO Nihon University Sakurajosui 3-25-40, Setagaya-Ku, Tokyo, 156-8550, Japan 03 3329 1151 03 3303 9899	IAG	HALL, Alan 17 Crisp Street, Cooma, NSW, 2630, Australia +61 2 6452 1920 +61 2 6452 1920 hallalan@acp.net.au	IAHS	HAMILTON, Professor D C University of Maryland Department of Physics, College Park, Maryland, 20742, USA 1 301 405 6207 1 301 314 9547 douglas.c.hamilton@umail.umd.edu	IAGA
GVISHIANI, Alexei CGDS Molodizkuaya 3, Moscow, 117296, Russia +70 95 133 4339 +70 95 930 5559 gvi@wdeb.rssi.ru	IASPEI	HAHMANN, Dr Andrea University of Arizona PAS Bldg, Room 542, 1118 E 4th Street, Arizona, 85711, USA 001-520-621 6619 001-520-621 6833 hahmann@atmo.arizona.edu	IAMAS	HALLIWELL, Dr George University of Miami MPO/RSMAS, 4600 Rickenbacker Causeway, Miami, Florida, 33149, USA +1 305 361 4621 +1 305 361 4622 ghalliwell@rsmas.miami.edu	IAPSO	HAMLIN, Professor Michael Birmingham University The Coombes, Nr Ludlow, Shropshire, SY8 3AQ, UK 01584 891258 01584 891258 hamlin@bham.ac.uk	IAHS
GWANMESIA, Professor G. Delaware State University Dept. of Physics & Pre-Eng, 1200n Dupont Highway, Dover, Delaware, 19901, USA 302 857 6653 302 739 7287 ggwanmes@dsc.edu	IASPEI	HAIDVOGEL, Professor Dale Rutgers University Inst. of Marine & Coastal Sci., 71 Dudley Road, New Brunswick, New Jersey, 08901-8521, USA 732 932 6555 EXT 256 732 932 8578 dale@ahab.rutgers.edu	IAMAS	HALPERN, Dr David JET Propulsion Laboratory MS 300-323, 4800 Oak Grove Drive, Pasadena, CA 91109, USA +1 818 354 5327 +1 818 393 6720 halpern@pacific.jpl.nasa.gov	IAPSO	HAMZA, Dr Abdelhaq M. University Of New Brunswick Physics Department, P.O. Box 4400, Fredericton, New Brunswick, E3B 5A3, CANADA (506) 458 7923 (506) 453 4581 ahamza@unb.ca	IAGA
HAAG, Dr Maja ETH Zurich Wachthuegelweg 3, Adliswil, Ch-8134, Switzerland +41 1 710 82 36 maja@mag.ig.erdw.ethz.ch	IAGA	HAIGH, Dr Joanna Imperial College Blackett Laboratory, Technology & Medicine, London, SW7 2BZ, UK 44 171 594 7671 44 171 594 7900	IAMAS	HALVORSEN, Mr Erik Telemark College Department of Education, Nottoden, N 3670, Norway 35026370 erik.halvorsen@hit.no	IAGA	HAMZA, Dr Valiya Observatorio Nacional Rua General José Cristino 77, Rio De Janeiro, 20921-400, Brazil 0055 21 580 7081 0055 21 580 3782 hamza@on.br	IASPEI
HAAK, Professor Volker GFZ Potsdam Telegrafenberg, Potsdam, D-14773, Germany 49 331 288 1231 49 331 288 1235 vhaak@gfz-potsdam.de	IAGA	HAINES, Dr Bruce JET Propulsion Laboratory MS 238-600, 4800 Oak Grove Drive, Pasadena, California, 91106, USA 818 354 0686 818 393 4965 bruce.j.haines@jpl.nasa.gov	IAG	HAMAGUCHI, Professor H. Tohoku University Graduate School of Science, Aramaki, AOBA-KU, Sendai, 980 8578, Japan +81 22 225 1950 +81 22 264 3292 lama@aob.geophys.tohoku.ac.jp	IAVCEI		

HAN, Dr Guoqi IAPSO Bedford Inst. Of Oceanography Coastal Ocean Sciences, P.O. Box 1006, Dartmouth, Nova Scotia, B2Y 4a2, Canada 902 426 6927 902 426 6927 ghan@emerald.bio.dfo.ca	HANSEN, Dr Aksel Walloe IAMAS/UNION University of Copenhagen Department of Geophysics, Juliane Maries Vej 30, Copenhagen, 2100, DENMARK +45 35 32 05 67 +45 35 36 53 57 awh@gfy.ku.dk	HARE, Miss Sylvia IAMAS Reading University Department of Meteorology, Earley Gate, Reading, RG6 6BB, UK 01189 987 5123 EXT 4280 0118 931 8905 sylvia@met.reading.ac.uk	HARTLE, Dr Richard IAGA Goddard Space Flight Center Code 910.4, Greenbelt, Maryland, 20771, USA 301 286 8234 301 286 1663 hartle@carioica.gsfc.nasa.gov
HAN, Dr Shaowei IAG University of New South Wales School of Geomatic Engineering, Sydney, 2052, Australia 61-2-9854-177 61-2-931374-93 s.han@unsw.edu.au	HANSEN, Dr Paul Cambridge Positioning Systems 62-64 Hills Road, Cambridge, England, CB2 1LA, UK 01223 326900 01223 326901 Paul.Hansen@cursor-system.com	HARFORD, Chloe IAVCEI Bristol University Dept. of Earth Sciences, Queens Road, Bristol, BS8 1RJ, UK 0117 925 3385 0117 925 3385 chloe.harford@bris.ac.uk	HARTMANN, Mr Gernot IASPEI BGR Hannover, Germany Federal Inst for Geosciences, & Natural Resources, Stilleweg 2, 30655, Germany +49 511 643 3227 +49 511 643 3663 hart@sdac.hannover.bgr.de
HAN, Professor Uk IAG Korea Military Academy Dept. of Env. Sci., Nohwon-Ku, Kongneung-Dong P.O. Box 77, Seoul, 139799, Korea 82 2 970 2572 82 2 972 8179 jigugong@chollian.net	HAPGOOD, Dr Mike IAGA Rutherford Appleton Lab. Chilton, Didcot, Oxfordshire, OX11 0QX, UK 01235 446520 01235 445848 m.hapgood@rl.ac.uk	HARMS, Dr Sabine IAPSO Alfred Wegener Institute Alfred Wegener Institute (AWI), Am Handelshafen 12, Bremerhaven, 27570, Germany 0049-471-4831-813 sharms@awi-bremerhaven.de	HASAN, Mr Kamrul IAHS UCL Dept Of Geological Sciences, Crower Street, London, UK 0171 509 2828 0171 388 7614 MD.HASAN@UCL.AC.UK
HAN, Professor Weibin IASPEI Seismological Bureau Sichuan 29 Renmin Nanlu 3 Duan, Chengdu, Sichuan Province, 610041, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	HAPPELL, Professor James IAMAS University of Miami/Rsmas 4600 Rickenbacker Causeway, Miami, Florida, 33249, USA 001-305-361 4111 001-305-361 4112 jhappell@rsmas.miami.edu	HARRIES, Professor John IAMAS Imperial College , London, SW7 2BZ, UK j.harries@ic.ac.uk	HASHIMOTO, Dr Takeshi UNION Kyoto University, ASO Volcanological Laboratory, Choyo, ASO Kumamoto, 869-1404, Japan +81 9676 7 0022 +81 9676 7 2153 hasimoto@aso.vgs.kyoto-u.ac.jp
HANDOH, Mr Itsuki IAPSO University of East Anglia School of Environmental Sci., Norwich, NR4 7t, UK +44 1603 593121 +44 1603 507719 i.handoh@uea.ac.uk	HARANGI, Dr Szabolcs IAVCEI EOTVOS University Dept. Of Petrology & Geochem., Muzeum KRT. 4/A, Budapest, 1088, Hungary 36 1 266 9833 36 1 266 4992 harangi@iris.geobio.elte.hu	HARRIS, Dr Andrew IAVCEI HIGP/SOEST, Univ. Of Hawaii 2525 Correa Road, Honolulu, HI 96822, USA harrisekahana@pgd.hawaii.edu	HASHOLT, Professor Bent IAHS* University of Copenhagen Institute of Geography, Hagen, Oster Voldgade 10, Copenhagen, Denmark 0045-35322500 0045-35322501 bh@geogr.ku.dk
HANDORF, Dr Doerthe IAMAS Alfred Wegener Institute Research Department, Telegrafenberg A43, Potsdam, 14473, Germany +49/331/288-2131 +49/331/288-2178 dhandorf@awi-potsdam	HARANGÓZÓ, Mr Steve IAMAS British Antarctic Survey Madingley Road, Cambridge, CB3 0ET, UK 01223 221 437 01223 362 616 sah@pcmail.nbs.ac.uk	HARRIS, Mr Matthew University College London Dept. of Physics & Astronomy, 67-73 Riding House Street, London, W1P 7PP, UK +44(0)171 504 9023 +44 (0)171 504 9024 anasuya@apg.ph.ucl.ac.uk	HASNAIN, PROFESSOR S.I. IAHS School of Environmental Sci. Jawaharlal Nehru University, New-Delhi, 110067, India 91 11 689 7039 iqbalhasnain@hotmail.com
HANEY, Professor Robert IAPSO Naval Postgraduate School Department Of Meteorology, 589 Dyer Road, Monterey, CA, 93943-5114, USA +831 656 4053 +831 656 3061 haneyrl@met.nps.navy.mil	HARDER, Dr Markus University of Kiel Deusternbrooker WEG 20, ABT Meteorologic, Bremen, D 24105, Germany +49 431 597 3873 +49 431 565 876	HARRISON, Dr Christopher IAGA University Of Miami, 4600 Rickenbacker Causeway, Miami, 33144, USA 305 361 4610 305 361 4632 charrison@rsmas.miami.edu	HASSAN, Professor Nasser IASPEI Ain Shams University Geophysics Dept. Faculty of Science, Cairo, Egypt (202) 287 0427 (202) 284 2123 aboashor@asunet.shams.eun.eg
HANKA, Dr Winfried IASPEI GFZ Potsdam, Telegrafenberg, Potsdam, D-14473, Germany +49 331 288 1213 +49 331 288 1277 hanka@gfz-potsdam.de	HARDING, Dr Richard IAHS Institute of Hydrology Wallingford, Oxon, OX10 8BB, UK 01491 692240 01491 692424 rjh@ua.nwl.ac.uk	HARRISON, Dr Richard A IAGA Rutherford Appleton Laboratory Space Science Laboratory, Rutherford Appleton Laboratory, Chilton, Didcot, Oxfordshire, OX11 0QX, UK 44 1235 44 6884 44 1235 44 5848 r.harrison@rl.ac.uk	HASSANEEN, Professor A R IAHS National Res Inst Astron & Geo Helwan, Cairo, 11421, Egypt 002 02 554 8781 002 02 554 8020 arghareeh@frcu.eun.eg
HANLEY, Mr John IAG Racal Survey Group Limited Beever Road, North Denes, Great Yarmouth, NR30 3NU, UK 01493 857011 01493 852420	HARDY, Dr Rolland IAG IIST 305 Avenue B, Suite 202, Bogalusa, Louisiana, 70427, USA 1 504 732 9100 1 504 732 9100 rhardy@i-55.com	HARRISON, Dr Sandy IAHS* MPI for Biogeochemistry Tatzendpromenade 1a, Postfach 100164, Jena, D-07745, Germany +49 3641 64 3772 +49 3641 64 3775 sandy.harrison@bgc-jena.mpg.de	HASUMI, Dr Hiroyasu IAMAS University of Tokyo Cent. for Climate System Res., 4-6-1 Komaba, Meguro-Ku, Tokyo, 153-8904, Japan 0081-3-5453-3961 0081-3-5453-3964 hasumi@ccs.u-tokyo.ac.jp
HANNAH, Dr David M IAHS University of Birmingham School of Geography and Environmental Sciences, Edgbaston, Birmingham, B15 2TT, UK 0121 414 6925 0121 414 5528 d.m.hannah@bham.ac.uk	HARDY, Thom INST. for Natural Systems Eng. UTAH, Logan UTAH, 84322 4110, USA State University (435) 797 2824 (435) 797 1185 hardy@aaron.cee.usu.edu	HARSSON, Bjorn Geirr IAG Norwegian Mapping Authority Kartverksveien 21, Hønefoss, N-3500, Norway 0047-321-18185 0047-321-18101 bjorn.geirr.harsson@gdiv.statkart.no	HATA, Professor Masayasu IASPEI/IAVCEI AICHI-Prof. Univ. , Nagakute, 480-1198, Japan +81 561 64 1111 +81 561 64 1108 hata@ist.aichi-pu.ac.jp

HATAKEYAMA, Mr Tadahiro IAGA University Of Okyo Earth & Planetary Physics, Hongo 7-3-1, Bunkyo-Ku, Tokyo, 113 0033, Japan +81 3 5841 4304 +81 3 3818 3247 hatake@gpsun01.geoph.s.u-tokyo.ac.jp	HAYWOOD, Dr Jim IAMAS UK Meteorological Office Y46 Building, Dera, Farnborough, Hants, GU14 OLX, UK 01252 395736 01252 376588 jmhaywood@meto.gov.uk	HEDLIN, Dr Michael IASPEI University of California 5675 Lord Cecil Street, San Diego, California, 92122, USA 1 619 534 8773 1 619 534 2313 hedlin@ucsd.edu	HEJDA, Dr Pavel IAGA Geophysical Institute Academy of Sciences, Bocni li/1401, Prague 4, 141 31, Czech Republic +42 2 67103339 +42 2 71761549 ph@ig.cas.cz
HAUGLUSTAINE, Dr Didier IAMAS IPSL/CNRS Service D'aeronomie Du Cnrs, Universite De Paris 6, 4 Place Jussieu, Paris, 75252, France 33 1 44 27 84 21 33 1 44 27 37 76 dh@aero.jussieu.fr	HAZELEGER, Dr Wilco IAPSO KNMI Lamont Doherty Earth Obs., Route 9W, Palisades, New York, 10964- 8000, USA 914 365 8571 914 365 8157 hazelege@knmi.nl	HEGYMEGI, Professor L. IAGA Eotvos Lorand Geophysical Inst Columbus U. 17-23, Budapest, 1145, Hungary +361 3843302 +361 3843306 hegymegi@elgi.hu	HEKI, Dr Kosuke IAG NAT. Astronomical Observatory 2-12 Hoshigaoka, Mizusawa-City, Iwate 023-0861, 023-0861, Japan +81-197-22-7139 +81-197-22-7146 heki@miz.nao.ac.jp
HAUKSSON, Dr Egill IASPEI Caltech Seismo. Lab. MS 252-21, 1200 E. California Blvd., Pasadena, California, 91125, USA 626 395 6954 626 564 0715 hauksson@gps.caltech.edu	HEAL, Dr Kate IAHS University of Edinburgh Inst. of Ecology & Res. Mgr, Darwin Building, Mayfield Road, Edinburgh, EH9 3JU, UK 0131 650 5420 0131 662 0478 kate.heal@ed.ac.uk	HEIDER, Dr Franz IAGA GFZ Potsdam Projektbereich 3.3, Telegrafenberg, Potsdam, 14473, Germany +49 331 2881751 +49 331 2881302 fheider@gfz-potsdam.de	HELBIG, Klaus Kiebitzraim 84, Hannover, D-30657, Germany 0049 511 604 5956 0049 511 604 4507 helbig@real-net.de
HAUTOT, Dr Sophie UNION University of Edinburgh Dept. of Geology & Geophysics, Grant Institute, West Mains Road, Edinburgh, EH9 3JW, UK 0131 6508511 0131 6683184 shautot@glg.ed.ac.uk	HEALY, Dr Sean Met. Office London Road, Bracknell, RG12 2SZ, UK 01344 856447 01344 854026 sbhealy@meto.gov.uk	HEIKEN, Dr Grant IAVCEI Los Alamos NAT. Laboratory MS F665, Los Alamos, 87545, USA 505 667 8477 505 665 3687 heiken@lanl.gov	HELENO, Sandra IAVCEI Instituto Superior Tecnico Physics Department, AV. Rovisco Pais 1, Lisbon, 1049-001, Portugal +351 1 8417025 +351 1 8419078 sisilva@alfa.ist.utl.pt
HAVSKOV, Professor Jens IASPEI University of Berlin Inst. of Solid Earth Physics, Allegaten 41, Bergen, 5007, Norway +47 55 58 34 14 +47 55 58 96 69 jens@ifjf.uib.no	HEARNshaw, Ms Charlotte IAMAS University of Leeds Environment Centre, Leeds, West Yorkshire, LS2 9JT, UK 0113 2336464 0113 2336716 charlie@lec.leeds.ac.uk	HEIKINEN, Dr Pekka IASPEI University of Helsinki Inst. of Seismology, Po Box 26, Helsinki, 00014, Finland pekka@seismo.helsinki.fi	HELFFRICH, George IASPEI University of Bristol Earth Sciences, Wills Memorial Bldg, Queens Rd, Bristol, BS8 1RJ, UK 0117 954 5437 0117 925 3385
HAYASHI, Dr Kanji IAGA The University of Tokyo 7-3-1 Hongo, Bunkyo, Tokyo, 113 0033, Japan 81 3 5841 4587 81 3 5841 8321 hayahsi@geoph.s.u-tokyo.ac.jp	HEATHWAITE, Professor A.L IAHS University of Sheffield Department of Geography, Sheffield, S102TN, UK 0114 222 7951 0114 279 7912 a.l.heathwaite@sheffield.ac.uk	HEIN, Dr Ralf IAMAS DLR, Institut Fuer Physik Der Atmos, DLR-Oberpfaffenhofen, Wessling, D-82234, Germany +49-8153-28-2536 ralf.hein@dlr.de	HELLO, Mrs Gwenaelle IAMAS Météo-France Cnrm/Gmme, 42 Avenue G. Coriolis, Toulouse Cedex 1, 31057, France (33) 5 61 07 93 57 (33) 5 61 07 96 26 gwenaelle.hello@meteo.fr
HAYASHI, Dr Taiichi IAMAS Kyoto University Disaster Prevention Research, Institute, Gokasho Uji Kyoto, 611-0011, Japan +81 774 38 4179 +81 38 4180 hayashi@rcde.dpri.kyoto-u.ac.jp	HEBBER, Dr Eldad IAGA UBC Department of Eos, Vancouver, V6T 1Z4, Canada +1 604 822 2267 naber@geop.ubc.ca	HEINEMANN, Dr Gunther IAMAS Met. Inst. University Of Bonn Auf Dem Hugel 20, Bonn, 531 27, Germany +49 228 735 102 +49 228 735188 gheinemann@uni-bonn.de	HENDERSON, Ann Sellers IAMAS Australian Nuclear Sci. & Tec. Environment Division, PMB 1, Menai, NSW, NSW 2234, Australia +61 299173241 +61 9717 3599 ahs@ansto.gov.au
HAYASHIDA, Dr Akira IAGA Doshisha University 1-3 Tatara-Miyakodani, Kyo-Tanabe, Kyoto, 610-0321, Japan 81 774 65 6680 81 774 65 6804 ahay@doshisha.ac.jp	HEBENSTREIT, Dr Gerald IAPSO SAIC 1710 Goodridge Drive, MS 1-3-7, McLean, Virginia, 22102, USA 703 827 4975 703 821 3576 jerry@osg.saic.com	HEINRICH, Dr Roswitha IASPEI Inst. Fur Geowissenschaften FSU Jena, Burgweg II, Jena, D-07749, Germany 49 3641 948665 49 3641 948662 heinrich@geo.uni-jena.de	HENDERSON, Mr Roddy IAHS NIWA, P.O. BOX 8602, Christchurch, 8001, New Zealand 0064-3-343 7873 0064-3-348 5548 r.henderson@niwa.cri.nz
HAYNES, Dr Peter IAMAS University of Cambridge Damp, Silver Street, Cambridge, CB3 9EW, UK 01223 337862/ 337900 01223 337918 phh@damtp.cam.ac.uk	HECK, Professor Dr B IAG University of Karlsruhe Geodetic Institute, Englerstr. 7, Karlsruhe, D-76128, Germany ++49 721 608 3674 ++49 721 608 6808 heck@gik.uni-karlsruhe.de	HEINSELMAN, Dr Craig IAGA SRI International 333 Ravenswood Avenue, MenloPark, California, 94025, USA +1 650 859 3777 +1 650 322 2318 heinselmann@sri.com	HENGER, Mr Manfred Geosciences & Natural Resource B3.11, Stilleweg 2, Hannover, D-30655, GERMANY +49 511 643 3133 +49 511 643 3663 henger@sdac.hannover.brg.de
	HECKMAN, Gary IAGA NOAA R/E/SE 326 Broadway, Boulder, Colorado, 80303, USA 303 497 5687 303 497 7392 gheckman@sec.noaa.gov	HEIRTZLER, Dr James IAGA NASA Goddard Space Flt. Center Code 920, Greebelt, Maryland, 20771, USA 1 301 614 6019 1 301 614 6015 jamesh@ltpmail.gsfc.nasa.gov	HENNEBERG, Professor Dr IAG Escuela De Geodesia Finca Del Llano, Pechina Almería, 04250, Spain 0034 950 160 269 emalco@larural.es

HENRY, Dr Bernard IAGA IPGP Géomagnétisme/Paléomagnétisme, 4 Avenue De Neptune, Saint-Maur Cedex, 94107, FRANCE 33 1 45 11 41 83 33 1 45 11 41 90 henry@ipgp.jussieu.fr	HEWSON, Mr Timothy IAMAS UK Met Office London Rd., Bracknell, Berks, UK 01344 856821 01344 854462 tdhewson@meto.gov.uk	HIITOLA, Mr Pekka IAGA University of Oulu Department of Physical Science, Pi 3000, Oulu, Fin-90401, Finland +358 8 553 1289 +358 8 553 1287 pekka.hiitola@oulu.fi	HIPKIN, Dr Roger IAG University of Edinburgh Grant Institute, West Mains Road, Edinburgh, EH9 3JW, UK 0131 6504910 0131 6683184 roger.hipkin@ed.ac.uk
HERMAN, Professor Maurice IAMAS Lab. D'optique Atmospherique Universite De Lille I, Ustl, Batiment P5, Villeneuve D'asca, 59655, FRANCE 33 03 20 43 47 67 herman@loa.univ.lillei.fr	HEYNDERICKX, Dr Daniel IAGA BIRA Ringlaan 3, Brussel, B-1180, Belgium +32-2-3730417 +32-2-3748423 d.henderickxdoma.be	HILCHENBACH, Dr Martin IAGA MPAe Max-Planck-Str. 2, Katlenburg-Lindau, D-37191, Germany 0049 5556 979162 hilchenbach@roland4.mpa.gwdg.de	HIRAHARA, Dr Masafumi IAGA Rikkyo University Department of Physics, 3-34-1 Nishi-Ikebukuro, Toshima-Ku, Tokyo, 171-8501, JAPAN +81 3 3985 2415 +81 3 3985 2418 hirahara@se.rikkyo.ac.jp
HERNANDEZ, Jose IAG Auto. Service National Cart. Edificioy Esquina Camejo, Cartografia Nacional, C.S.B. AV. ESTE 6, Caracas, 1010, Venezuela 58 2 4081273 58 2 5420374 sagedig@caracas.c-com.net	HEYWOOD, Dr Karen J. IAPSO UEA Norwich School Of Environmental Sci., Norwich, NR4 7TJ, UK 01603 592 555 01603 507 719 k.heywood@uea.ac.uk	HILDNER, Dr Ernest IAGA NOAA Space Environment Center 325 Broadway, Boulder, Colorado, 80303, USA 303 497 3311 303 497 3645 ehildner@sec.noaa.gov	HIRASAWA, Mr Naohiko IAMAS Nat. Inst. Of Polar Research Kaga 1-9-10, Itabashi-Ku, Tokyo, 175 8515, JAPAN +81 3 3962 5904 +81 3 3962 5704 hira@pmg.nipr.ac.jp
HERNANDEZ, Pedro IAVCEI University Of Tokyo Lab. for Earthquake Chemistry, Hongo 7-31, Bunkyo-Ku, Tokyo, 113-0033, Japan +81 3 4415 4127 +81 3 5841 4119 hernandez@eqchem.s.u-tokyo.ac.jp	HIBBARD, Dr Kathy IAMAS University of New Hampshire Climate Change Research Center, Morse Hall, Durham, NH, 03820, USA +1 603.862.4255 +1 603.862.2124 k.hibbard@unh.edu	HILL, Dr Brittain IAVCEI Southwest Research Institute Swri -Cnwra, P.O. Box 28510, San Antonio, Texas, 78228 0510, USA 210 522 6087 210 522 5155 bhill@swri.edu	HIRATA, Professor Naoshi IASPEI The University of Tokyo Earthquake Research Institute, 1-1-1 Yayoi, Bunkyo-Ku, Tokyo, 113-0032, JAPAN 0081-3-3818-3697 0081-3-3816-1159 hirata@eri.u-tokyo.ac.jp
HERNE, Mr David CSIRO Land and Water Private Bag, Po Wembley, WA 6014, AUSTRALIA +61 8 9333 6294 +61 8 9387 8211 david.herne@per.clw.csiro.au	HICKEY, Dr Michael IAGA Clemson University Dept. of Physics & Astronomy, 308 Kinard Laboratory, Clemson, South Carolina, 29634-1911, USA 864-656-4275 864-656-0805 hickey@hubcap.clemson.edu	HILL, Dr Chris IAG University Of Nottingham lessg, Nottingham, NG7 2RD, UK 44(0) 115 951 3884 44(0) 115 951 3881 chris.hill@nottingham.ac.uk	HIRAYAMA, Ken-Ichi IAHS Iwate University Eng. Dept., 4-3-5 Ueda, Morioka, Iwate, 020 8551, Japan 019 621 6300 019 621 6300 tbucho@iwate-u.ac.jp
HERRERO, Dr André IASPEI University of Naples Dipartimento Scienze Fisiche, Mostra D'oltremare - Pad. 16, Naples, 80125, Italy +39 081 725 33 27 +39 081 725 34 49 herrero@na.infn.it	HICKS, Mr Erik IASPEI NORSAR P.O. Box 51, Kjeller, N-2027, Norway +47 6380 5900 +47 6381 8719 erik@norsar.no	HILL, Dr David IAMAS Rutherford Appleton Lab. Bldg R25, Chilton, Didcot, Oxfordshire, OX11 0QX, UK 01235 446220 01235 445848 d.c.hill@rl.ac.uk	HIROOKA, Dr Toshihiko IAMAS Aopp, University Of Oxford Department Of Physics, Parks Road, Oxford, OX1 3PU, UK 01865 272888 01865 272923 hirook@geo.kyushu-u.ac.jp
HERRING, Professor Thomas IAG MIT Room 54-618, 77 Massachusetts Avenue, Cambridge, MA, 02139, USA 617 253 5941 617 253 1699 tah@mit.edu	HIGHWOOD, Dr Eleanor IAMAS University of Reading Department of Meteorology, PO Box 243, Reading, RG6 6BB, UK 0118 9875123 EXT 7883 0118 9318905 swrhiwod@met.rdg.ac.uk	HILL, Miss Mimi IAGA University of Liverpool Geomagnetism Laboratory, Labs Oliver Longe, Oxford ST., Liverpool, L69 7ZE, UK 0151 794 3459 0151 794 3464 mimi@liv.ac.uk	HIROTA, Professor Isamu IAMAS Kyoto University Department Of Geophysics, Sakyo-Ku, Kyoto, 606-8502, Japan +81-75-753-3931 +81-75-753-3715 hirota@kugi.kyoto-u.ac.jp
HERRMANN, Professor Dr A IAHS* Technical Univ. Braunschweig Inst. of Geography & Geoecolo., Langer Kamp 19C, Braunschweig, D-38106, Germany ++49 531 391 5607 ++49 531 391 8170 a.herrmann@tu-bs.de	HIGUCHI, Miss Riko IAPSO Remote Sensing Techno. Center Roppongi First Bldg., 8F, 1-9-9, Roppongi, Minato-Ku, Tokyo, 106- 0032, JAPAN +81 3 5561 9775 +81 3 5561 9542 hriko@restec.or.jp	HILTON, Dr David Scripps Oceanography University California, San Diego, La Jolla, 92093-0220, USA +1 858 822 0639 +1 858 822 3310 drhilton@ucsd.edu	HIRST, Dr Anthony IAMAS CSIRO Atmospheric Research Pmb 1, Aspendale, Victoria, 3195, Australia 0061-3-9239 4531 0061-3-9239 4444 tony.hirst@dar.csiro.au
HERTZOG, Dr Albert IAMAS CNRS Service D'aeronomie, Lab. De Meteorologie Dynamique, Ecole Polytechnique, Palaiseau Cedex, 91120, France 01 69 33 36 24 01 69 33 30 05 albert.hertzog@imd.polytechnique.fr	HIGUCHI, Professor Keiji IAHS Nagoya City Science Museum 17-1 Sakae 2-Chome, Nakaku, Nagoya, 460-0008, Japan ++81 52 201 4481 ++81 52 203 0788	HIMWICH, Mr William E IAG NASA/GSFC, Code 920.1, Greenbelt, MD20771, USA 1 301 614 5937 1 301 614 5970 weh@vega.gsfc.nasa.gov	HIRST, Viki Environment Agency Phoenix House, Global Avenue, Leeds, LS11 8PG, UK 0113 213 4840 viki.hirst@environment_agency.gov.uk
	HIGURASHI, Dr Akiko Nat. Inst. for Env. Studies 16-2 Onogawa, Tsukuba, Ibaraki, 305-0053, Japan ++81 298 2423 ++81 298 51 4732 hakiko@nies.go.jp	HINDMARSH, Dr Richard British Antarctic Survey Madingley Road, Cambridge, CB3 0ET, UK	HISARLI, Dr Z. Mumtaz IAGA University of Istanbul Muhendislik Fakultesi, Jeofizik Bolumu, Avclar Kampusu, Avclar Istanbul, 34850, Turkey 90 5911998 132 90 5911997 mhisarli@istanbul.edu.tr

HISCOCK, DR KEVIN University of East Anglia Sch. of Environmental Sciences, Norwich, NR4 7TJ, UK 01603 593104 01603 507719 k.hisock@uea.ac.uk		HODGES, Dr Kevin ESSC, University Of Reading Harry Pitt Building, 3 Early Gate, Whiteknights, Reading, RG6 6AL, UK 0118 931 8741 0118 931 6413 kih@mail.nerc-essc.ac.uk		HOLLWEG, Professor J.V. IAGA University of New Hampshire Morse Hall, Durham, NH 03824, 03824, USA 603-862-3869 603-862-1915 joe.hollweg@unh.edu	HOMAR, Mr Victor IAMAS Univ. of Balearic Islands, Palma De Majorca, 07071, Spain +34 971 173207 ogsvhs4@ps.vib.es
HITCHMAN, Mr Adrian IAGA Australian National University Res. Sch. of Earth Sciences, Canberra Act, 0200, Australia 0061-2-6249-3424 0061-2-6249-0738 adrian@rses.anu.edu.au		HOEHN, Dr Eduard IAHS* EAWAG, Dübendorf, 8600, Switzerland 0041 1 823 5525 0041 1 823 5471 hoehn@eawag.ch		HOLM, Dr Paul M. IAVCEI University of Copenhagen Geological Inst., Oster Voldgade 10, Copenhagen, 1350, Denmark 45 35 32 24 26 45 33 14 84 33 paulmh@geo.geol.ku.dk	HONARY, Dr Farideh IAGA Lancaster University Communications Research Centre, Faculty Of Applied Sciences, Lancaster, LA1 4YR, UK (01524) 593055 (01524) 592713 f.honary@lancaster.ac.uk
HITTELMAN, Mr Allen IAGA NOAA National Geophysical Data Cen., 325 Broadway, Boulder, Colorado, 80303, USA 001-303-497 6591 001-303-497 6513 ahittelman@ngdc.noaa.gov		HOEPFNER, DR JOACHIM IAG GFZ Potsdam Telegrafenberg, Potsdam, D-14473, Germany +49 331 2881145 +49 331 2881163 ho@gfz-potsdam.de		HOLMAN, Dr Ian Soil Survey & Land Re. Centre Cranfield University, Silsoe, Bedford, MK45 4DT, UK 01525 863252 01525 863253 i.holman@cranfield.ac.uk	HONDOH, Professor Takeo IAHS Inst. Low Temperature Science N19W8 Kita-Ku, Sapporo, 060-0819, Japan +81 11 706 5466 +81 11 706 7142 hnd@hnpz.lowtem.hokudde.ac.jp
HIYOSHI, Mr Yoshihisa IASPEI Australian National University Seismology Group Research School of Earth Sci., Canberra, Act, 0200, Australia +61 2 6249 5162 +61 2 6257 2737 hiyoshi@rses.anu.edu.au		HOFFMAN, Professor K IAGA CAL Poly State University Physics Department, San Luis Obispo, CA, 93407, USA 1 805 756 1357 1 805 756 2435 khoffman@calpoly.edu		HOLME, Dr Richard IAGA GFZ Potsdam Telegrafenberg, Potsdam, 14473, Germany 0049-331-288-1268 0049-331-288-1235 holme@gfz-potsdam.de	HONJI, Professor Hiroyuki IAPSO Kyushu University Kasuga-Koen 6-1, Fukuoka, 816-8580, Japan +81-92-583-7548 +81-92-592-8447 honji@esst.kyushu-u.ac.jp
HJELT, Professor S E IAGA/IASPEI University of Oulu Department Geophysics, PO Box 3000, Oulu, Fin-90401, Finland +358 8 553 1401 +358 8 553 1414 seh@babel.oulu.fi		HOFFMANN, Dr Georg IAMAS LSCE Ormes Des Merisiers, Gif Sur Yvette, 91191, France +33 1 69082866 +33 1 69087716 hoffmann@lsce.saclay.cea.fr		HOLMES, Mr Simon IAG Curtin University of Tech. 6 Dalamatia Ct, Como, 6152, Australia 618 9478 38 38 holmes@vesta.curtin.edu.au	HONKURA, Professor Y. IAGA Tokyo Inst. of Technology 2-12-1 Ookayama, Tokyo, 152 8551, Japan +81 3 5734 2341 +81 3 5734 3537 yhonkura@geo.titech.ac.jp
HNILO, Dr Justin IAMAS PCMDI Mail Stop L-264, Po Box 805, Livermore, California, 94550, USA		HOFFMANN, Dr Viktor IAGA University Of Tuebingen Inst. Fuer Geolog. & Palaent., Sigwartsstrasse 10, 72076, Germany +49 7071 2978931 +49 7071 295727 viktor.hoffmann@uni-tuebingen.de		HOLOTA, Dr Mr Petr IAG RIGTC Zdily 98, Prague East, 250 66, Czech Republic ++4202 685 7907 ++4202 685 7056 gope@asu.cas.cz	HOOD, Dr Lon L IAMAS University of Arizona Lunar And Planetary Laboratory, 1629 E. University Blvd., Tuscon, Arizona, 85721-0092, USA ++1 520 621 6936 ++1 520 621 4933 lon@lpl.arizona.edu
HO, Dr George IAGA Johns Hopkins University Applied Physics Laboratory, 11100 Johns Hopkins Road, Maryland, 20723- 6099, USA 240 228 7083 240 228 6670 george.ho@jhuapl.edu		HOGAN, Dr Robin IAMAS University Of Reading Dept. Of Meteorology, Reading, RG6 6BB, UK 0118 9875123 ext7381 0118 9318905 r.j.hogan@reading.ac.uk		HOLOVIK, Ms Judy AGU 2000 Florida Ave., NW, Washington, DC, 20009, USA +1 202 939 3213 +1 202 328 0566 jholoviak@agu.org	HOOPER, Professor Peter IAVCEI Washington State University Heron's Reach North, Eastfield Lane, Whitchurch-On-Thames, RG8, USA 0118 9843 527 prhooper@wsu.mail.edu
HOANG, Dr Sang IAGA Observatoire De Paris-Meudon Despa, Meudon, 92195, France +33 1 4507 7657 +33 1 4507 2806 sang.HOANG@OBSPM.FR		HOJERSLEV, Dr Niels IAPSO Geofysisk Afdeling Juliane Maries VEJ 30, Copenhagen, DK 2100 0, Denmark +45 35320601 +45 35 365357 nkh@gfy.ku.dk		HOPCROFT, Mr Matthew IAGA University of Warwick Space & Astro. Grp/Physics Dpt, Cribbet Mill Road, Coventry, CV4 7AL, UK 01203 522831 01203 692016 hopcroft@astro.warwick-ac.uk	
HOBSON, Mr Mike IAMAS UK Meteorological Office London Road, Bracknell, Berks, RG12 2SZ, UK 01344 856417 01344 854493 jmhobson@meto.gov.uk		HOLLAND, Dr Greg IAMAS Meteorology Research Centre GPO Box 1289k, Melbourne, 3001, Australia 613 9669 4501 613 9669 4660 g.holland@bom.gov.au		HOPPER, DR JOHN R IAVCEI Danish Lithosphere Center Oster Voldgade 10, Copenhagen, DK 1350, Denmark 45 38 142657 43 33 110878 jrh@dle.ku.dk	
HOCKE, Dr Klemens IAMAS DLR-DFD Kalkhorstweg 53, Neustrelitz, 17235, Germany +49-3981-480-130 +49-3981-480-123 hocke@nz.dir.de		HOLLOWAY, Dr Peter IAPSO University of New South Wales S.G.O., University College, Australian Defence force Acad., Canberra, 2600, Australia +61 2 62688311 +61 2 62688313 peter.holloway@adfa.edu.au		HORANYI, Professor Dr M IAGA LASP University of Colorado, Boulder, Colorado, 80309-0392, USA 303 492 6903 303 492 6946 horanyi@styx.colorado.edu	

HORI, Professor Muneo UNION University of Tokyo 1-1-1 Yayoi, Bunkyo, Tokyo, 113-0032, Japan +3 5841 5740 +3 5841 5740 hori@eri.u-tokyo.ac.jp	HOYER, Professor Melvin IAG University of Zulia Apartado Postal 10311, Maracaibo, Venezuela 00 58 61 29 88 18 00 58 61 51 22 14 mhuyer@luz.ve	HUANG, Professor Huey-Chu IASPEI National Chung Cheng Univ. Institute of Seismology, No 160 San-Hsiung Ming-Hsiung, Chia-Yi, 621, Taiwan 886 5 2720411 EXT 6399 886 5 2720807 swihuey@eq.ccu.edu.tw	HUG, Mr René IAG Bundesamt Für Landestopograph. Seftigenstrasse 264, Wabern, 3084, Switzerland 0041-31-963 2151 0041-31-963 2459 thomas.signer@lt.admin.ch
HORINOUCI, Dr Takeshi IAMAS Kyoto University Radio Atmospheric Science Cen., Uji, 611-0011, Japan +81 774 738 3812 +81 774 31 8463 horinout@kurasc.kyoto-u.ac.jp	HROUDA, Dr Frantisek IAGA AGICO LTD. Jecna 29a, Box 90, Brno, CZ-621 00, Czech Republic +420 5 7264 327 +420 5 7264 328 agico@agico.cz	HUANG, Professor Liren IASPEI Crustal Deformation Monitoring, 7 Yiaogiao Naihuolu, Hedong, Tianjin, 300180, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	HUGHES, Arthur IAGA University of Natal Physics Department, King George V Avenue, Durban, 4001, South Africa +27 31 260 3158 +27 31 261 6550 hughes@ph.und.ac.za
HORNE, Dr Richard IAGA British Antarctic Survey Madingley Road, Cambridge, CB3 0ET, UK +44 1223 221542	HRVOIC, Ivan IAGA Gem System Inc. 52 W. Beaver Creek Road #14, Richmond Hill, Ontario, L4B 1L9, Canada 905 764 8008 905 764 2949 info@gemsys.on.ca	HUBERT, Dr Daniel IAGA DESPA Paris Observatory, Meudon, 92195, France +33 145 077703 daniel.hubert@obspm.fr	HUGHES, Dr Chris IAPSO CCMS Proudman Ocean. Lab. Bidston Observatory, Birkenhead, Merseyside, L43 7RA, UK 0151 653 3633 0151 653 6269 cwh@ccms.ac.uk
HORSBURGH, Dr Kevin IAPSO University of Wales Bangor School of Ocean Sciences, Menai Bridge, Wales, LL59 5EY, UK 01248 382874	HSUEH, Professor Ya IAPSO Florida State University Dept. of Oceanography, Tallahassee, Florida, 32306-4320, USA 850 644 5704 850 644 2581 hsuel@re.ocean.fsu.edu	HUBERT, Dr Pierre IAHS Ecole Des Mines De Paris 35 Rue Saint Honoré, Fontainebleau, 77305, France 33 1 64 69 47 40 33 1 64 69 47 03 hubert@cig.ensmp.fr	HUGHES, Mr Anthony IASPEI Inter. Seismological Centre Thatcham, Berkshire, UK 0144 635 861022 01635 872351
HOSHIBA, Dr Mitsuyuki IASPEI Meteorological Research Inst. Nagamine 1-1, Tsukuba, 305 0052, Japan +81 298 52 9382 +81 298 51 3730 mhoshiba@mri-jma.go.jp	HU, Dr Shengbiao IASPEI Institute of Geology PO Box 9825, Beijing, 100029, China 86 10 62008064 86 10 62010846 sbhu@igcas.ac.cn	HUCK, Dr Thierry IAPSO Princeton University/Gfdl forrestal Campus, Route 1, Princeton, New Jersey, 08542, USA 609 452 6540 609 987 5063 tnh@gfdl.gov	HUGHES, Professor W J IAGA Boston University Center for Space Physics, 725 Commonwealth Ave, Boston, Massachusetts, 02215, USA 617 353 2471 617 353 6463 hughes@bu.edu
HOSHINO, Professor M IAGA University of Tokyo 7-3-1 Hongo, Bunkyo, 113-0033, Japan 81 3 5841 4584 81 3 5841 8321 hoshino@geoph.s.u-tokyo.ac.jp	HU, Dr Yongxiang IAG Hampton University, Nasa/Larc MS 420, Hampton, VA, 23681, USA yhu@adm.larc.nasa.gov	HUDAK, DR DAVID IAMAS Environment Canada 14780 Jane Street, King City, Ontario, L7B 1A3, Canada 905-833-3896 ext242 905-833-0398 david.hudak@ec.gc.ca	HUI, Professor Hu IAG Yunnan Observatory Academia Sinica, Kunming, 650011, China 0086 871 3840530 0086 871 3911845 huhui@public.km.yn.cn
HOSKINS, Professor Brian IAMAS University of Reading Department of Meteorology, Box 243, Reading, RG6 6BB, UK 0118 9318953 0118 9318905 b.j.hoskins@rdg.ac.uk	HU, Dr Zeng-Zhen IAMAS Max-Planck Inst. Meteorology Bundesstrasse 55, Hamburg, 20146, Germany +49 40 41173 404 +49 40 41173 366 hu@dkrz.de	HUDSON, James IAG 2215 Raggio Pkwy, Reno, Nevada, 89512 1095, USA 775 677 3119 hudson@dri.edu	HULLA, Professor Jozef IAHS* Slovak Technical University Radlinskeho 11, Bratislava, 81368, Slovak Republic 421 7 326393 421 7 325642 hulla@svf.stuba.sk
HOSONO, Mr Kohji IASPEI Japanese Met. Agency Earthquake Pred. Info. Div., 1-3-4 Otemachi, Chiyoda Ward, Tokyo, 100-8122, Japan 81-3-3212-8341 EX 4568 81-3-3212-2807 hosono@eqvol.kishou.go.jp	HU, Professor Jian Guo IAG Chinese Academy of S&M 16 Beitaiping Road, Beijing, 100039, China (86)10 68212277 (86)10 68218654 hjianguo@public.bta.net.cn	HUDSON, Professor Robert IAMAS University of Maryland Department of Meteorology, College Park, Maryland, 20742-2425, USA 301 405 5394 301 314 9482 hudson@atmos.umd.edu	HULOT, Dr Gauthier IAGA IPGP/CNRS Laboratoire De Geomagnetisme, 4 Place Jussieu, B89, Tour 24, Paris, 75252, France 33 1 44 27 24 12 33 1 44 27 33 73 gh@ipgp.jussieu.fr
HOTHEM, Mr Larry IAG US Geology Survey 521 National Center, Reston, Virginia, 20192, USA 1 703 648 4663 1 703 648 4165 lhotthem@usgs.gov	HUANG, Dr Shaopeng IASPEI The University Of Michigan Dept. of Geological Sciences, Ann Arbor, Michigan, 48109-1063, USA +1 734 763-3169 +1 734 763-4690 shaopeng@umich.edu	HUEBBERS, Mrs Latchmin IAG Kranenburg, 47559, Germany 2826 207	HUNEGNAW, Mr Addisu IAG Royal Inst. f Technology forskarbacken 01-10, Stockholm, 104 50, Sweden 08 790 7333 addisuh@geomatrics.kth.se
HOWARTH, Mr Michael John IAPSO Bidston Observatory Proudman Oceanographic Lab., Birkenhead, Merseyside, L43 7RA, UK 0151-653 8633 0151-653 6269 mjh@pol.ac.uk	HUANG, Mr Baochun IAGA Chinese Academy of Sciences Inst. of Geophysics, P.O. Box 9701, Beijing, 100101, China 0086 10 6488 9026 0086 10 6487 1995 bchuang@mail.c-geos.ac.cn	HUEFNER, German IAG BY/S@T NET AG Meglingerstrasse 37, Munich, 81744, Germany +49 8974 879389 +49 8974 869379 gh@ait-sernce.de	HUNT, Mr Barrie IAMAS CSIRO Atmospheric Research Pmb1, Aspendale, Victoria, 3195, Australia 0061-3-9239 4680 0061-3-9239 4444 bgh@dar.csiro.au

HURRELL, Dr James IAMAS UK Meteorological Centre Hadley Centre for Climate, Prediction And Research, London Road, Bracknell, Berkshire, RG12 2SY, UK 01344854110 01344864898 j.whurrell@met.gov.uk	IACONO, Mr Michael IAMAS AER INC. 840 Memorial Drive, Cambridge, MA, 02139, USA 1 617-547-6207 1 617-661-6479 mike@ear.com	IHDE, Dr Johannes IAG B.K.G. Karl-Rothe-Strasse 10-14, Leipzig, 04105, Germany (+49) 341 5634 424 (+49) 341 5634 415 ihde@leipzig.ifag.de	ILLINGWORTH, Dr Anthony IAMAS University Of Reading Department Of Meteorology, Reading, RG6 6BB, UK 118 931 6508 118 931 8905 a.j.illingworth@reading.ac.uk
HURTER, Suzanne IASPEI G.G.A., Hannover Stilleneg 2, Hannover, D-30171, Germany +49 511 643 3537 +49 511 643 3665 suzanne.hurter@gga-hannover.de	Iacono, Roberto IASPEI ENEA Via Anguillarese 301, Anguillarese, Rome, Italy +39 6 304 4790 roberto@mantegnd.casaccia.enea.it	IIDAKA, Dr Takashi IASPEI University of Tokyo Earthquake Research Inst., Yayoi 1-1-1, Bunkyo-Ku, Tokyo, 113 0033, Japan +81 3 5841 5776 +81 3 3812 9417 lidaka@eri.u-tokyo.ac.jp	IMAMURA, Dr Fumihiko IAPSO/IASPEI Tohoku University Aoba 06, Sendai, 980-8579, Japan +81 22 217 7513 +81 22 217 7514 imamura@tsunami2.civil.tohoku.ac.jp
HUSEBYE, Professor E. S. IASPEI University Of Bergen Institute Solid Earth Physics, Allegaten 41, Bergen, 5007, Norway 0047-5558-3402 0047-5558-9669 eystein.husebye@ifjf.uib.no	IANCU, Dr Viorica IASPEI Geological Inst. Of Romania 1 Carahsebes Street, Sector 1, Bucharest, RO-78 344, Romania 40 1224 1530/212 40 1224 0404 viancu@ns.igr.ro	IINUMA, Mr Yoshiteru IAMAS University of New South Wales Atmospheric Group, School of Physics, Kensington, Sydney, 2052, Australia +61(0)29385 4615 +61(0)29385 6060 iinuma@newt.phys.unsw.edu.au	IMAWAKI, Professor Shiro IAPSO Kyushu University Riam, Kasuga, Fukuoka, 816-8580, Japan 816-8580 +81-92-583-7736 +81-92-584-2570
HUTHNANCE, Dr John IAPSO Bidston Observatory Ccms Proudman Oceanograp. Lab., Birkenhead, Merseyside, L43 7RA, UK 0151-653 8633 0151-653 6269 jmh@ccms.ac.uk	IBANEZ, Dr Jesus IAVCEI Universidad De Granada Inst. Andaluz De Geofisica, Granada, 18071, Spain +34 958 248910 +34 958 160907 ibanez@iag.ugr.es	IKEBUCHI, Dr Shuichi IAHS Kyoto University Disaster Prevention Res. Inst., Gokasho, Uji, Kyoto, 611-0011, Japan 774 38 4250 774 32 3093 chief@wcrn2.dpri.kyoto-u.ac.jp	IMOTO, Dr Masajiro IASPEI NRIESDP Tennodai 3-1, Tsukuba-Shi, 305-0006, Japan +81 298 51 1611 +81 298 51 5658 imoto@geo.bosai.go.jp
HUTT, Dr Charles USGS Albuquerque Seismological U.S. Geological Survey, Bldg. 10002, Kirtland Afb-East, Albuquerque, New Mexico, 87115, USA 505 846 5646 505 846 6973 bhutt@usgs.gov	ICHIKAWA, Dr Ryuichi IAG Communications Research Lab. 893-1 Kashima, Ibaraki, 314-0012, Japan +81 299 84 7142 +81 299 84 7159 richi@crl.go.jp	IKEDA, Professor M IAPSO Hokkaido University Sapporo, 060-0810, Japan 81 11 706 2560 81 11 706 4865 mikeda@ees.hokudai-ac.jp	INAGAKI, Ms Megumi ICS 274 Sabo Kaikan Bekkan Chiyoda, Ku, Tokyo, Japan 81 3 3263 7077 81 3 3263 6474 inagaki@ics.co.jp
HWANG, Dr Cheinway IAG National Chiao Tung University Department of Civil Eng., 1001 Ta Hsueh Road, Hsinchu, ROC 300, Taiwan +886 3 5724739 +886 3 5716257 hwang@geodesy.cu.nctu.edu.tw	ICHINOSE, Mr Takumi IAGA 1-3 Miyakodani, Tatura, Kyotanabe, Kyoto, 610-0321, Japan +81 774 65 7296 +81 774 65 7604 tichinos@mail.doshisha.ac.jp	IKEHATA, Mr Yoshito IAPSO Kyushu University Kasuga-Koen 6-1 Fukuoka, 816-8580, Japan +81-92-583-7473 +81-92-592-8447 ikehata@esst.kyushu-u.ac.jp	INAN, Professor Umran Stanford University Durand 321, Star Laboratory, Stanford, California, 7239251, USA 001 650 7234994 001 650 7239251 inan@nova.stanford.edu
HYNDMAN, Dr David UNION Michigan State University Dept. of Geological Sciences, 206 Natural Science Bldg, East Lansing, MI, 48824, USA 517 353 4442 517 353 8787 hyndman@pilot.msu.edu	IDA, Professor Yoshiaki IAVCEI University Of Tokyo Earthquake Research Institute, 1-1-1 Yayoi, Bunkyo-Ku, Tokyo, 113-0032, JAPAN 0081-3-5689 8091 0081-3-3812 6979 ida@newsida.eri.u-tokyo.ac.jp	IKEYA, Professor Motoji Osaka University 1-1 Macchikaneyama, Toyonaka, Osaka, 560 0043, Japan +81 6 6850 5490 +81 6850 5540 ikeya@ess.sci.osaka-u.ac.jp	INGHAM, Dr Malcolm IAGA Victoria Univ. Of Wellington School Of Earth Sciences, Po Box 600, Wellington, New Zealand +64 4 49 55 233 EXT 8431 ingham@matai.vuw.ac.nz
HYNDMAN, Professor Donald IAVCEI University of Montana Department of Geology, Missoula, MT, 59812, USA 406 243-2241 406 243-4028 dhyndman@selway.umd.edu	IDE, Dr Satoshi IASPEI University of Tokyo Earthquake Research Institute, 1-1-1, Yayoi, Bunkyo, Tokyo, 113-0032, JAPAN +81 3 3812 2111 EX.5797 +81 3 3813 8026 ide@eri.u-tokyo.ac.jp	ILES, Mr Roger Mullard Space Science Lab. Holmbury St Mary, Dorking, Surrey, RH5 6NT, UK 01483 274111 01483 278312 rhi@mssl.ucl.ac.uk	INGRAM, Mr William IAMAS Hadley Cent.Climate Pred & Res Meteorological Office, London Road, Bracknell, Berkshire, RG12 2SY, UK 01344 856873 01344 85 wjingram@meto.gov.uk
HYODO, Dr Masayuki IAGA Kobe University Research Cent. for Inland Seas, 1-1 Rokko-Dai, Nada, Kobe City, 657 8501, Japan 81 78 803 5734 81 78 803 5757 mhyodo@kobe-u.ac.jp	IGA, Mr Shinichi IAMAS University of Tokyo Dept. of Earth & Planetary Phy, 7-3-1 Hongo, Bunkyo-ku, Tokyo, 113 0033, Japan +81 3 5841 4298 +81 3 3818 0745 iga@atmos5.geoph.s.u-tokyo.av.jp	ILK, Dr Karl Heinz IAG University of Bonn Institute of Theoretical, Geodesy, Nussallee 17, Bonn, D-53115, Germany +49-228-732629 +49-228-733029 ilk@theor.geod.uni-bonn.de	INOUE, Dr Toru IASPEI Ehime University Depart. Of Earth Sciences, Bunkyo-Cho 2-5, Matsuyama, Ehime, 790-8577, Japan 81 89 927 9657 81 89 927 9640 inoue@sci.ehime-u.ac.jp
	IGARASHI, Mr Kiyoshi IAGA Communications Research Lab. 4-2-1 Nukui-Kitamachi, Koganei-Shi, Tokyo, 184 8795, Japan +81 42 327 7478 +81 42 327 7606 igarashi@crl.go.jp	ILLANGASEKARE, Tissa IAHS Colorado School Of Mines Enviv. Science & Engineering, Golden, Colorado, 80401 1887, USA 303 384 2126 303 273 3311 tillanga@miner.edu	INOUE, Dr Toshiro IAMAS Meteorological Research Inst. 1-1 Nagamine, Tsukuba, Ibaraki 305, 305-0052, Japan +81 298 53 8669 +81 298 55 2683 tinoue@mri-jma.go.jp

INOUE, Mr Takahiro RIST 1-18-16, Hamamatsucho, Minato-Ku, Tokyo, 105-0013, Japan +81 3 3436 5271 +81 3 3436 5274 don@tokyo.rist.or.jp	IAMAS	ISHIDO, Dr Tsuneo Geological Survey Of Japan 1-1-3 Higashi, Tsukuba, 305 8567, Japan +81 298 54 3701 +81 298 54 3702 ishido@gsj.go.jp	IAGA	ITANO, Dr Toshihisa National Defense Academy Department of Geoscience, Hashirimizu, Yokosuka, 239-8686, JAPAN +81 468 41 3810 +81 468 44 5902 itano@cc.nda.ac.jp	IAMAS	IVINS, Dr Erik Caltech Jet Propulsion Lab, 4800 Oak Grove Drive, Pasadena, California, 91109-9476, USA 001-818-354 4785 001-818-354 9476 eri@ryxell.jpl.nasa.gov	IAG
IOANNIDOU, Dr Evangelia Laboratoire D'aerologie / Ups 14 Avenue E., Toulouse, 31400, France +33 5 61 33 27 23 ioal@aero.obs-mip.fr	IAMAS	ISHIHARA, Dr Takemi Geological Survey Of Japan 1-1-3 Higashi, Tsukuba, Ibaraki, 305-8567, Japan +81 298 54 3591 +81 298 54 3589 tishi@gsj.go.jp	IAGA	ITO, Dr Kiyoshi Kyoto University Disas. Prev. Res. Inst., Gokanosho, Uji, Kyoto, 611-0011, Japan 0081-774-38-4231 0081-774-38-4231 ito@rcep.dpri.kyoto-u.ac.jp	IASPEI	IWABUCHI, Mr Tetsuya Grad. Univ.- Advanced Studies 1 Teranishi, Sakurakawa, Mizusawa City, Iwate Prefecture, 023-0003, Japan 81 197 22 7199 81 197 22 7120 iwabuchi@miz.nao.ac.jp	IAG
IRAVUL, Ms Yildiz Earthquake Research Institute Gen. Dir. Disaster Affairs, Eshisehir Yolu 10, Ankara, 06530, Turkey +90 312 287 3648 +90 312 285 5304 iravul@sismo.deprem.gov.tr	IASPEI	ISHIHARA, Mr Yasushi Yokohama City University Faculty Of Science, Seto 22-2, Kanazawa-Ku, Yokohama, 236-0027, Japan 81 45 787 2328 81 45 787 2328 ishihara@yokohama-cu.ac.jp	IASPEI	ITO, Dr Shin-Ichi Tohoku Natl. Fish. Res. Inst. 3-27-5, Shinhama-Cho, Shiogama-City, Miyagi, 985-0001, Japan +81 22 365 9928 +81 22 367 1250 goito@myg.affrc.go.jp	IAPSO	IWASAKI, Dr Sin-Iti NRIESDP 3-1 Tennodai Tsukuba, Ibaraki, 305-0006, Japan +81 298 51 1611 EXT 318 +81 298 51 1610 cuh@ess.bosai.go.jp	IASPEI
IREIKURA, Professor K Kyoto University Dpri, Uji, Kyoto, 611-0011, Japan 81 774 38 4060 81 774 33 5866 irikura@egmdpri01.dpri.kyoto-u.ac.jp	IASPEI	ISHII, Dr Teruaki University Of Tokyo Ocean Research Institute, 1-15-1 Minamidai, Nakano-Ku, Tokyo, 164 8639, Japan 81 3 5351 6447 81 3 5351 6445 ishii@ori.u-tokyo.ac.jp	IAVCEI	ITOH, Professor Hisanori Kyushu University Dept. Of Earth & Planetary Sci, 6-10-1 Hakozaki, Higashi, Fukuoka, 812-8581, Japan +81 92 642 2674 +81 92 642 2717 itoh@weather.geo.kyushu-u.ac.jp	IAMAS	IWASAKI, Professor T Tohoku University Geophysical Institute, Graduate School of Science, Aoba-Ku, Sendai, 980 8578, Japan 81-22-217-5779 81-22-217-7758 iwasaki@wind.geophys.tohoku.ac.jp	IAMAS
IRONS, Ms Sarah UMIST Physics Department, P.O. Box 88, Manchester, M60 1QD, UK 0161 200 3907 0161 200 3941 sarah@sneezy.phy.umist.ac.uk	IAMAS	ISHIKAWA, Dr Hirohiko Kyoto University Disaster Prevention Res Inst, Gokasho, Uji, Kyoto, 611-0011, Japan 81 774 38 4159 81 774 38 4158 ishikawa@dpri.kyoto-u.ac.jp	IAMAS	ITOTA, Dr Chizu Osaka College Dept. of Management Info., Mihara, Osaka, 587 8555, Japan +81 733 62 7333 EXT.1315 +81 723 62 0598 citota@osaka-c.ac.jp	IAGA	IWASE, Mr Ryoichi Japan Marine Sci. & Tech. Cen. 2-15, Natsushima, Yokosuka, Kanagawa, 237-0061, Japan +81 468 67 3842 +81 468 66 5541 iwaser@jamstec.go.jp	IASPEI
ISAAC, Dr George Environment Canada Atmospheric Environment Serv., 4905 Dufferin Street, Toronto, M3H 5T4, CANADA 416 739 4605 416 739 4211 george.isaac@ec.gc.ca	IAMAS	ISHIKAWA, Dr Yoichi Kyoto University Kitashirakawa-Oiwake-Cho, Dept. of Geophysics, Kyoto, 606 8502, Japan +81 753 4292 +81 753 3928 ishikawa@kugi.kyoto-u.ac.jp	IAPSO	IVCHENKO, Dr Vladimir NASA/JPL Mail Stop 300-323, 4800 Oak Grove Drive, Pasadena, California, 91109, USA 818 354 0276 818 393 6720 voi@sundog.jpl.nasa.gov	IAPSO	IWI, Dr Alan University of Oxford Atmos. Ocean.& Planet. Physics, Clarendon Labatory, Parks Road, Oxford, Oxfordshire, OX1 3PU, UK 01865 272930 01865 272923 iwi@atm.ox.ac.uk	IAMAS
ISAIA, Dr Roberto Osservatorio Vesuviano Via A. Manzoni, 249, Napoli, 80123, Italy 081 5832111 081 5754239 isaia@osve.unima.it	IAVCEI	ISHIZAKA, Professor Joji Nagasaki University Faculty of Fisheries, 1-14 Bunkyo, Nagasaki, 852-8521, Japan 81 95 847 1111(3127) 81 95 844 3516 ishizaka@net.nagasaki-u.ac.jp	IAPSO	IVERS, Dr David University Of Sydney School Of Mathematics & Stats., F07, Sydney, N.S.W., 2006, Australia +61 2 93513561 +61 2 93514534 david@maths.usyd.edu.au	IAGA	IYEMORI, Dr Toshihiko Kyoto University Data Analysis Center ffor Geom., Graduate School of Science, Kyoto, 606-8502, Japan +81 75 753 3949 +81 75 722 7884 iyemori@kugi.kyoto-u.ac.jp	IAGA
ISEZAKI, Professor N Chiba University 1-33, Yayoi-Cho, Inage-Ku, Chibanki, 263-8522, JAPAN 0081-43 290 2848 0081-43-290-2859 nisezaki@earth.s.chiba-u.ac.jp	IAGA	ISHIZAKI, Dr Hiroshi Meteorological Research Inst. 1-1 Nagamine, Tsukuba, Ibaraki-Ken, 305-0052, Japan +81 298 53 8653 +81 298 55 1439 hishizak@mri-jma.go.jp	IAMAS	IVERSEN, Professor Trond University Of Oslo Department Of Geophysics, P.O.Box 1022 Blindern, Oslo, N-0315, Norway 4722855821 4722855269 trond.iversen@geofysikk.ui.no	IAMAS	JACKMAN, Dr Charles Nasa Goddard Space Flight Cen. Code 916, Greenbelt, Maryland, 20771, USA 01 301 614 6053 01 301 614 5903 jackman@assess.gsfc.nasa.gov	IAGA
ISHIBASHI, Dr Hiromichi Suimon Research Inc. 1-8-15-1109, Anagawa, Inage-Ku, Chiba, 263 0024, Japan +81 43 256 7121 +81 43 256 8834 h-sr@msn.com	IAHS	ISHIZAWA, Mr Toshiki Marubun Corp. 8-1, Nihonbashi Odenmacho, Chuo-Ku, Tokyo, 103-8577, Japan 81 3 3639 9821 81 3 3661 7473 ishizawa@marubun.co.jp	IAG	IVEY, Professor Greg University Western Australia Dept. Environ. Engineering, Centre for Water Research, Nedlands, 6907, Australia 61 8 9380 3538 61 8 9380 1015 ivey@cwr.uwa.edu.au	IAPSO	JACKSON, DR ANDREW Leeds University Department Of Earth Sciences, Leeds, LS2 9JTjt, UK 0113 233 5216 0113 233 5259 jackson@earth.leeds.ac.uk	IAGA
ISHIDA, Dr Mizuho N.I.E.D. 3-1 Ten-Nodai, Tsukuba, 305-0006, Japan +81 298 51 1611 +81 298 52 8271	IASPEI	ISMAIL-ZADEH, Dr Ali RUSS. AC. SC. liept Warshavskoye Shosse 79, Kor. 2, Moscow, 113556, Russia 7 095 119 06 13 7 095 310 70 32 aismail@mitp.ru	IASPEI				

JACKSON, Dr Charles IAMAS Princeton University Aos Program, Forrestal Campus, Us Route 1, Princeton, Nj, 08542, USA 609 452 6566 609 987 5063 csj@gfdl.gov	JAEDICKE, Mr Christian IAHS* Univ. Studies on Svalbard Geophysical Institute, Allegaten 70, Bergen, N-5007, Norway 47 55 58 25 94 47 55 58 98 83 chrisj@unis.no	JARVIS, Professor Gary IASPEI York University 4700 Keele Street, Toronto, Ontario, MJ3j 1Pp3, Canada +416 736 5245 +416 736 5817 JARVIS@MANTLE.EATS.YORKU.CA	JENSEN, Dr Karsten H. IAHS Technical University Denmark Isva, Building 115, Lyngby, 2800, Denmark 0045-4525 1462 0045-4593-2860 khj@isva.dtu.dk
JACKSON, Dr David IAMAS UK Meteorological Office Room 251, Middle Atmosphere Group, London Road, London, RG12 2SZ, UK +44 1344 854530 +44 1344 854046 drjackson@meto.gov.uk	JAGER, Dr Jill IAHDP Walter-Flex-Strasse 3, Bonn, D-53113, Germany +49 228 739050 +49 228 739054 ihdp@uni-bonn.de	JATILA, Professor Erkki J IAMAS Finnish Meteorological Inst. Box 503, Helsinki, Fin-00101, Finland +358 9 19292200 +358 9 19292203 erkki.jatila@fmi.fi	JENSEN, Dr Niels Otto IAMAS Risoe National Laboratory Wind Energy & Atmos. Phs. Dept, Risoe, Roskilde, DK-4000, Denmark +45 4677 5007 +45 4677 5970 n.o.jensen@risoe.dk
JACKSON, Dr Ian IASPEI Australian National University Research School Of Earth Sci., Mills Road, Canberra, Act 0200, Australia 61 62492498 61 62798253 ian.jackson@anu.edu.au	JAGOVKINA, Mrs Svetlana IAPSO A.I. Voeikov Main Geophys Lab. Geophysical Observatory, Karbyshev Str. 7, St Petersburg, 194021, Russia +7 (812) 247 8668 +7 (812) 247 8661 svetlana@main.mgo.rssi.ru	JAY, Mrs Victoria AOPP Oxford University Clarendon Laboratory, Parks Road, Oxford, OX1 3PU, UK 01865 272912 01865 272923 vbennett@atm.ox.ac.uk	JENSEN, Professor Olivia IAG McGill University Dept Of Earth & Planetary Sci, 3450 University Street, Montreal, Quebec, H3A 2A7, Canada 1 514 398 3587 1 514 398 4680 olivia@transsex.geophys.mcgill.ca
JACKSON, Dr Thomas IAHS* USDA Hydrology Lab 104 Bldg. 007 Barc-West, Beltsville, Md, Maryland, 20705, USA 001-301-504 8511 001-301-504-8931 tjackson@hydrolab.arsusda.gov	JAHR, Dr Thomas IASPEI Inst. Fur Geowissenschaften Fsu Jena, Burgweg 11, Jena, D-07749, Germany 49 3641 948664 49 3641 948662 jahr@geo.uni-jena.de	JAYAPPA, Dr Katihalli S IAPSO Mangalore University Marine Geology Faculty, Mangalagangothri, Mangalore, 574199, India jayappa@mnglr.ernet.in	JENTZSCH, Professor Dr G IAG FSU Jena Burgweg 11, Jena, D-07749, Germany 49 3641 948660 49 3641 948662 jentzsch@geo.uni-jena.de
JACKSON, Prof David D IASPEI U.C.L.A. Dept. Of Earth & Space Science, 595 Charles E. Young Dr. East, Los Angeles, California, 90095-1567, USA 310 825 0421 310 825 2779 djackson@ucla.edu	JAIN, Dr Atul IAMAS University of Illinois Department of Atmospheric, Sciences, 105 South Gregory St, Urbana, Illinois, 61801, USA 217-333-2128 217-244-4393 jain@atmos.uiuc.edu	JAYAWARDENA, Dr A.W. IAHS The University of Hong Kong Dept. of Civil Engineering, Hong Kong +852 2859 1966 +852 2559 5337 hrecjaw@hkucc.hku.hk	JEPHCOAT, Dr Andrew IASPEI University Of Oxford Department Of Earth Sciences, Parks Road, Oxford, OX1 3PR, UK +44 1865 272000 +44 1865 272072 andrew@earth.ox.ac.uk
JACOB, Professor A.W.B IASPEI Royal Irish Academy 19 Dawson Street, Dublin, 2, Ireland +353 1 676 2570 +353 1 676 2346 bj@cp.dias.ie	JAMES, Dr Ian IAMAS University of Reading Department of Meteorology, Po Box 243, Reading, RG6 6BB, UK 0118 931 8955 0118 931 8905 i.n.james@rdg.ac.uk	JEANLOZ, Dr Raymond IASPEI University of California 301 Mccone, Berkeley, California, 94720 4767, USA 510 642 3993 510 643 9980 jeanloz@uclink.berkeley.edu	JERRAM, Dr Douglas IAVCEI University of Durham Department of Geological, Sciences, Durham, DH1 3LE, UK 0191 3744791 0191 3742510 d.a.jerram@dur.ac.uk
JACOBI, Dr Christoph IAGA University of Leipzig Institute for Meteorology, Stephanstr.3, Leipzig, 04103, Germany +49-341-9732876 +49-341-9732899 jacobi@rz.uni-leipzig.de	JANHUNEN, Dr Pekka IAGA Finnish Meteorolog. Inst. , P.O.B. 503, Helsinki, Fin-00101, Finland 00358-9-19294635 00358-9-19294603 pekka.janhunen@fmi.fi	JEFFERIES, Dr Chris IAHS University of Abertay Dundee Urban Water Technology Centre, Bell Street, Dundee, DD1 1HG, UK 01382 308131 01382 308117 c.jeffries@tay.ac.uk	JEWITT, Dr Graham IAHS University of Natal School of Eng. & Environ. Hydro, Private Bag X01,, Scottsville, Kwazulu-Natal, 3209, South Africa +27 331 2605678 +27 331 2605818 jewittg@aqua.cwvr.zc.za
Jacobson, Professor Mark IAMAS Stanford University Dept of Civil & Environ. Eng., Terman M-13, Stanford, California, 94305-4020, USA +1 650 723 6836 +1 650 725 9720 jacobson@ce.stanford.edu	JANSMA, Dr Pamela IAG University of Puerto Rico Department of Geology, Po Box 9017, Mayaguez, 00681, USA +1 787 265 3845 +1 787 265 3845 pam@geology.uprm.edu	JEKELI, Professor C IAG Ohio State University 2070 Neil Ave., Columbus, Ohio, 43210, USA 614-292-7117 614-292-2957 jekeli.1@osu.edu	JEWSON, Dr Stephen IAG Reading University Department of Meteorology, P.O. Box 243, Earley Gate, Reading, RG6 6BB, UK 0118 9875123 0118 9318316 steve@met.reading.ng.ac.uk
JADE, Mrs Sridevi IASPEI CSIR Cmmacs, Na1 Belur Campus, Bangalore, 560037, India 91 80 5274649 91 80 5260 392 sridevi@cmmacs.ernet.in	JANSSEN, Mr Volker IAG Univ. Of New South Wales School Of Geomatic Engineering, Sydney, NSW, 2052, Australia 0061 2 9385 4208 0061 2 9313 7493 v.janssen@student.unsw.edu.au	JENKINS, Professor W. J. IAPSO Southampton University Southampton Oceanography Cen., Southampton, SO14 3ZH, UK 01703 596573 01703 593052 W.JENKINS@SOC.SOTON.AC.UK	JIA, Mr Minghai IAG Curtin Univ. Of Technology School of Spatial Sciences, GPOpo Box U1987, Perth, WA, 6845, AUSTRALIA 61 08 9266 3775 61 08 9266 2703 jia@vesta.curtin.edu.au
JAECKEL, Karl-Heinz IAG GFZ Potsdam Telegrafenberg, Potsdam, 14473, Germany +49 331 288 1229 +49 331 288 1266 jaeckel@gfz-potsdam.de	JARVIS, Dr Martin IAGA British Antarctic Survey Madingley Road, Cambridge, CB3 0ET, UK 01223 221548 0223 221226	JENNE, Mr Roy IAHS* UCAR P.O. Box 3000, Boulder, Colorado, 80307-3000, USA 303 497 1215 303 497 1298 jenne@ucar.edu	

JIANG, Dr Jun IASPEI China Seismological Bureau Wuhan Institute Of Seismology, Wuchang Xiaohongshan, Wuhan, Hubei Province, 430071, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	JOHNSON, Dr Ashley IAGA Geosoft Europe Ltd 20/21 Market Place, First Floor, Wallingford, OX10 0AD, UK 01491 835 231 01491 835 281 ASH.JOHNSON@GEOSOFT.COM	JOHNSTON, Dr Malcolm IAGA US Geol. Surv. USGS MS/977, 345 Midd:efield Road, Menlo Park, CA, 94025, USA 1 650 3294812 1 650 3295163 mal@usgs.gov	JONES, Dr Owen IAGA British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221546 01223 221226 o.jones@bas.ac.uk
JIANG, Dr Zhiheng IAG BIPM Pavillon De Breteuil, Sevres, 92312, France 0033 1 4507 7034 0033 1 4507 7059 zjiang@bipm.fr	JOHNSON, Dr Jay IAGA Princeton Plasma Physics Lab. MSs 28, POo Box 451, Princeton, New Jersey, 08543-0451, USA 1 609 243 2603 1 609 243 2662 jrj@pppl.gov	JOKELA, Mr Jorma IAG Finnish Geodetic Institute Geodeetinrinne 2, P.O. Box, Masala, Fin-02430, Finland +358-9-29555219 +358-9-29555200 jorma.jokela@fgi.fi	JONES, Dr Richard IAMAS UK Met. Office H304 Hadley Centre, London Road, Bracknell, RG12 2SY, UK 01344 856418 01344 854898 rgjones@meto.gov.uk
JIANG, Miss Lili IASPEI Chinese Academy Of Sciences Institute of Geophysics, The Third Dept. 11 Datun Road, Chaoyang District, Beijing, 100101, China 0086 10 64889017 0086 10 64881995 lljiang@mail.c-geos.ac.cn	JOHNSON, Dr Richard H Colorado State University Atmospheric Science University, fort Collins, CO, 80523-1371, USA 970-491-8321 970-491-8449 rhi@vortex.atmos.colostate.edu	JOKIPII, Professor J.R. IAGA University Of Arizona Lunar And Planetary Laboratory, 1629 East University Blvd, Tucson, Arizona, 85721-0092, USA 520 621 6939 520 626 8250 jokipii@lpl.arizona.edu	JONES, Ms Alice University of Bristol University Road, Bristol, BS8 1SS, UK 0117 9289709 0117 9287878 alice.jones@bristol.ac.uk
JIN, Dr Anshu IASPEI Kyoto University Rcep, Dpri, Uji, Kyoto, 611-0011, Japan 81 774 38 4196 81 774 38 4190 jin@rcep.dpri.kyoto-u.ac.jp	JOHNSON, Dr Robert G. University Of Minnesota Dept. of Geology & Geophysics, Pillsbury HI, 310 Pillsbury Dr, Minneapolis, MN 55455, USA 612 626-0853 312-625-381 johns088@maroon.tc.ur.ed	JOLY, Dr Alain IAMAS Météo-France Cnrm/Gmme/Recyf, 42, Avenue G. Coriolis, Toulouse Cedex 1, F-31057, France +33 5 61 07 93 56 +33 5 61 07 96 26 alain.joly@meteo	JONES, Paul UNION Benfield Greig Ltd. 55 Bishopgate, London, W2 6DP, UK 0171 522 4026 0171 816 1600 paul.jones@benfieldgreig.ca
JIN, Professor Fei-Fei IAMAS University of Hawaii Dept. of Meteorology, Monoa, Honolulu, HI96825, USA 808 956 4645 808 956 2877 jff@soest.hawaii.edu	JOHNSON, Dr Robert W. IAVCEI Australian Geolog. Survey Org. , GPoBox 378, Canberra, Act 2601, Australia wjohnsn@agso.gov.au	JONES, Dr Blair IAHS U.S. Geological Survey National Center, Ms 432, Reston, Virginia, 20192, USA 703 648 5835 703 648 5274 bjones@usgs.gov	JONES, Professor C IAGA University Of Exeter School Of Mathematical Sci., Exeter, EX4 4QE, UK 01392 263993 01392 263997 cajones@maths.en.ac.uk
JOCHMANN, Professor Horst IAG Gfz Potsdam Kanal Promenade 3, TELTOW, D-14513, GERMANY ++3328 304 798	JOHNSON, Dr Roberta IAGA University of Michigan 2455 Hayward Street, Room 1432 Space Research, Ann Arbor, Michigan, 48109-2143, USA 734 647 3430 734 763 0437 rmjohnsn@umich.edu	JONES, Dr Colin IAMAS SMHI 601-76, Norrkoping, 601 76, Sweden +46 11 495 8652 +46 11 495 8001 cjones@smhi.se	JONES, Professor David IAGA University Of Zimbabwe Physics Dept. UZ, POo Box MPP167, Mt. Pleasant, Harare, ZIMBABWE 00263 4 303211 00263 4 335249 djones@esaret.zw
JOERIN, Mr Christophe Swiss Federal Inst. Technology Epel, Lausanne, Switzerland +41 693 37 27 +41 693 37 29 CHRISTOPHE.JOERIN@EPFL.CH	JOHNSON, Dr Thomas IAG US Naval Observatory 3450 Massachusetts Ave Nw, Washington DC, 20392-5490, USA ++1 202 762 1518 ++1 202 762 1563 tj@CasA.usno.navy.mil	JONES, Dr David Charles IAMAS The Meteorological Office NWPwp Division, Room R315, London Rd, Bracknell, Berks, RG12 2SZ, UK 01344 85 4072 01344 85 4412 dcjones@meto.gov.uk	JONES, Professor Gerald IAHS Universite Du Quebec Inst. National De La Rech. SCc., CPp7500, 2700 Einstein, Ste Foy, G1V 4C7, Canada 1 418 654 2533 1 418 654 2600 jones@inrs.edu.quebec.co
JOHANSSON, Dr Jan IAG Onsala Space Observatory Chalmers University of Tech., Onsala, Se-13992, Sweden +46 31 772 5558 +46 31 772 5590 jmj@oso.chalmers.se	JOHNSON, Dr Torrence IAGA Jet Propulsion Laboratory JPL MS 264-419, 4800 Oak Grove Dr., Pasadena, California, 91109, USA 818 393 7957 818 354 6256 tjohnson@jpitvj.jpl.nasa.gov	JONES, Dr Gareth IAMAS Hadley Centre, Met. Office London Road, Bracknell, RG12 9SZ, UK 01344 856903 01344 854898 gsjones@meto.gov.uk	JONES, Professor Philip IAMAS University of East Anglia Climatic Research Unit, Norwich, NR4 7TJ, UK 01603 592090 01603 507784 p.jones@uea.ac.uk
JOHANSSON, Mr Patrik IAGA Geological Survey OF of Sweden Box 670, Uppsala, S-751 28, Sweden +46 18 17 93 52 +46 18 17 92 10 patrik.johansson@sgu.se	JOHNSON, Ms Tammy IAHS University of California 313 West Arrellaga #3, Santa Barbara, California, 93101, USA 805 884 9007 tammy@geog.ucsb.edu	JONES, Dr Harrison IAGA NASA/Goddard Space Flight Cen. c/o National Solar Observatory, Po Box 26732, Tucson, Arizona, 85726, USA 001-520-318 8354 001-520-318 8278 hjones@nasa.edu	JONSSON, Dr Bo IAG National Land Survey Lantmalenigat 2, Gaule, SE 80182, Sweden +4626 633738 +4626 610676 bo.jonsson@lm.se
JOHANSSON, Ms Maria Climate Impact Research Centre, Bjorkplan 6a, Kiruna, S-981 42, Sweden +46-980-826-06 +46-980-826-28 mariaj@natgeo.su.se	JOHNSON, Professor John IAPSO University of East Anglia School of Mathematics, Norwich, NR4 7TJ, UK 01603-592598 01603-593868 j.johnson@uea.ac.uk	JONES, Dr Lucile IASPEI United States Geological Surv. 525 S. Wilson Av., Pasadena, CA, 91106, USA 1 626 583 7817 1 626 583 7823 jones@bombay.caltech.edu	JOSELYN, Dr Jo Ann IAGA NOAA Space Environment Ce. NOAA R/E/SE, 325 Broadway, Boulder Co, 80303-3328, USA 001-303 497 5147 001-303 497 3645 jjoselyn@sec.noaa.gov

JOSEPH, Professor Joachim IAMAS TEL-AVIV University Dept. of Geophysics & Planetary Science, TEL-AVIV, 69978, Israel 0972 03 640 8644 0972 03 640 9282 yoya@jupiter1.tau.ac.il	KAHLOUCHE, Dr Salem IAG CNTS Geodetic Laboratory Bpp 13, Arzew, 31200, Algeria 213 6 47 2580 213 6 47 3454	KAMEI, Mr Toyohisa IAGA Kyoto University WDC-C2 for Geomagnetism, Graduate School Of Science, Sakyo KUu, Kyoto, 606 8502, Japan +81 75 753 3929 +81 75 722 7884 toyo@kugi.kyoto-u.ac.jp	KANGAS, Jorma IAGA SODAnkyla Geophysical Observ. Tahtelantie 112, Sodankyla, Fin-99600, Finland +358-16-619813 +358-16-619875 jorma.kangas@sgo.fi
JOSEY, Simon IAPSO Southampton Oceanography Cen. Sococ, Empress Dock, Soton, S014 3ZH, UK 01703 546 409 01703 596 400 simon.a.jossey@soc.ac.uk	KAHMEN, Professor H IAG TU Wien Institute Of Geod. & Geophysic, Gusshausstr. 25-29, Vienna, A-1040, Austria ++43 1 58801 12840 ++431 58801 12895 heribert.kahmen@tuwien.ac.at	KAMIDE, Professor Yohsuke IAGA Solar-Terrestrial Env. Lab. Nagoya University, Honohara 3-13, Toyokawa, 442, Japan 81 533 89 0409 kamide@stelab.nagoya-u.ac.jp	KANIUTH, Mr Klaus IAG DGFI Marstallplatz 8, Muenchen, D-80539, Germany ++49 89 23031 114 ++49 89 23031 240 kaniuth@dgfi.badw-muenchen.de
JOU, Professor Jong-Dao B IAMAS National Taiwan U. Dept. Of Atmos. Science, 61 Lane 144 SEC 4, Kee-Long Rd, Taipei, ROC 106, Taiwan +886 2 2362 8962 +886 2 2363 3642 jou@hp715.as.ntu.edu.tw	KAISER, Dr Diethelm IASPEI University Jena Institut Für Geowissenschaften, Burgweg 11, Jena, 07749, Germany 0049-3641-948666 0049-3641-948662 kaiser@geo.uni-jena.de	KAMINSKI, Mr Thomas MPI Bundesstr. 55, Hamburg, 20146, Germany 49 40 41173 102 49 41173 298 kaminski@dkrz.de	KANZOW, Mr Torsten IAPSO Institut Fuer Meereskunde Meeresphysik, Duesternbroker Weg 20, Kiel, D-24105, Germany 0049 431 597 3805 0049 431 597 3891 tkanzow@ifm.uni-kiel.de
JOUZEL, Jean IAMAS CEA Saclay Lsce, Saclay, 91191, France +33 16 90 87 713 jouzel@lsce.cea.saclay.fr	KAISTRENKO, Dr Victor IASPEI Inst. of Marine Geology & Geo. Auki Street, Yuzhno-Sakhalinsk, 693002, Russia 7(4242) 796 154 7(4242) 791 517 tsunami@sakhmail.sakhalin.ru	KAMINSKIS, Mr Janis IAG State Land Service of Latvia Room 204 Valsts Zemes Dienests, Nac. Mern. Centrs, 11 Novembra Krustmala 31, LVv-1050, Latvia 371 7213471 371 7227858 kaminski@rsf.rtu.lv	KAO, Dr Chih-Yue Jim IAMAS Los Alamos National Laboratory Mail Stop C300, Po Box 1663, Los Alamos, New Mexico, 87545, USA 505 667 9226 505 667 7460 kao@lanl.gov
JUCKES, Dr Martin IAMAS Oxford University Aopp Clarendon Laboratory, Parks Road, Oxford, UK 01865 272 894 juckles@atm.ox.ac.uk	KAKEHI, Mr Shigeho IAPSO Kyoto University Graduate School Of Agriculture, Kitashrakawa/Sakyo - KU, Kyoto, 606 8502, Japan +81 75 753 6216 +81 75 753 6468 kakehi@kais.kyoto-u.ac.jp	KAMINUMA, Professor Dr K IAG/IASPEI NIPS 9-10, Kaga-1, Itabashi, Tokyo, 173-8515, Japan +81 3 3962 4695 +81 3 3962 5741 kaminuma@nipr.ac.jp	KAPUSTIN, Dr Vladimir IAMAS University of Hawaii Dept. of Oceanography, 1000 Pope Road, Honolulu, Hawaii, 96822, USA 808 956 7777 808 956 7112 kapustin@soest.hawaii.edu
JULIAN, Bruce IASPEI U.S. Geological Survey 345 Middlefield Rd, Ms999, Menlo Park, 94025, USA 650 329 4797 650 329 5163 julian@usgs.gov	KAKKURI, Professor Juhani IAG Finnish Geodetic Institute Geodeetinrinne 2, Masala, 02430, Finland	KANAE, Dr Shinjiro IAMAS IIS, University Of Tokyo 7-22-1 Roppongi, Minato-KUu, Tokyo, 106-8558, Japan +81 3 3402 2597 +81 3 3402 2597 kanae@iis.u-tokyo.ac.jp	KARATO, Professor S University of Minnesota Dept. of Geology & Geophysics, 108 Pillsbury Hall, Minneapolis, Minnesota, 55455, USA 001-612-624 7553 001-612-625-3819 karato@karato.email.umn.edu
KACHI, Ms Misako IAMAS EORC Nat. Space Devel. Agency/Japan, 1-9-9 Roppongi Minato-Ku, Tokyo, 106-0032, Japan ++81 3 3224 7096 ++81 3 3224 7052 kachi@eorc.nasda.go.jp	KALEGAEV, Dr Vladimir IAGA Moscow State University Institute of Nuclear Physics, Moscow, 119899, Russia 7 095 9391915 7 095 9393553 klg@desl.npi.msu.su	KANANI, Mrs Entela IAG Eth Zurich Inst. of Geodesy &, Photogrammetry, Zürich, 8093, Switzerland +41 1 6333049 +41 1 6331101 kanani@geod.ethz.ch	KARATSON, Dr David IAVCEI Eotvos University Dept. of Physical Geography, Ludovika Ter 2, Budapest, H-1083, Hungary 36 1 2101088 36 1 2101088 dkarat@ludens.elte.hu
KAGAN, Dr Ludmila IAGA Radiophysical Research Inst. B. Pecherskaya St. 25, Nizhny, Novgorod, 603600, Russia 7 8312 324031 7 8312 369902 kagmil@nirfi.sci-nnov.ru	KALLIO, Miss Eija Irene IAGA Finnish Meteorological Inst. P.O. Box 503, Helsinki, 00101, Finland +358-9-19294676 eija.kallio@fmi.fi	KANE, Dr Tim IAGA Penn State 121 Electrical Eng. East, University Park, Pennsylvania, 16802, USA 1 814 863 8727 1 814 863 8457 tjk@psu.edu	KARLSSON, Tomas IAGA Alfvén Laboratory Dept. of Plasma Physics, Kth, Stockholm, Sweden +46 8 7907701 tkarlsson@plasma.kth.se
KAGIYAMA, Professor T IAVCEI University Of Tokyo Earthquake Research Institute, Yayoi 1-1-1, Bunko-Ko, Tokyo, 113-0032, Japan 81-3-5841-5810 81-3-3812-6979 kagiyama@eri.u-tokyo.ac.jp	KAMACHI, Dr Masafumi IAPSO Meteorological Research Inst. 1-1 Nagamine, Tsukuba, 305-0052, Japan +81 298 53 8661 +81 298 55 1439 mkamachi@mri-jma.go.jp	KANEKAL, Dr Shri IAGA Nasa Goddard Code 696, Greenbelt Road, Greenbelt, Maryland, 20771, USA 001-301-286 6517 001-301-286 1648 karnikal@lepsam.gsfc.nasa.gov	KARNER, Mr Stephen IASPEI MIT 54-714, Dept. Earth/Atmos./Planet. Sci, Cambridge, MA, 02139, USA 617 253 6375 617 258 0620 slk@bera.mit.deu
KAHAR, Professor Dr J IAG Nat. Coord. Agency Surv. & Map Bakosurtanal, JKK. Raya Jakarta, Cibinong, 16911, Indonesia 62 21 875 3067 62 21 875 2064 joenil@indo.net.id	KAME, Dr Nobuki Kyushu University Dept. of Earth & Planet. Sci., Faculty of Science, 6-10-1 Hakozaki, Higashi-Ku, Fukuoka, 812 8581, Japan +81 92 642 2677 +81 92 642 2685 kame@geo.kyushu-u.ac.jp	KANEKO, Dr Katsuya IAVCEI Geological Survey Of Japan 1-1-3 Higashi, Tsukuba, 305 8567, Japan +81 298 54 3558 +81 298 54 3533 katsuya@gsj.go.jp	KAROLY, Dr Kis IAGA EÖTVÖS University Geophysics Department, Ludovika Tér 2., Budapest, 1083, Hungary 36 1 2101089 36 1 2101089 kisk@ludens.elte.hu

KAROLY, Professor David IAMAS Meteorology Crc Monash University, Clayton, Victoria, 3168, Australia +61 3 9905 9669 +61 3 9905 9689 dj@vortex.shm.monash.edu.au	KATSUMOTO, Dr Masayuki NIES 16-2 Onogawa, Tsukuba-Shi, Ibaraki-Ken, 305 0053, Japan 81 298 50 2348 81 298 58 2645 katsumoto.masayuki@nies.go.jp	KAWAMOTO, Ms Nozomi IAMAS Kyoto University Dept. Geophysics/Fac. of Sci., Otwakecho, Kitashirakawa,, Sakyo-Ku, Kyoto, 606-8502, Japan +81 75 753 3936 +81 75 753 3715 kawamoto@kugi.kyoto-u.ac.jp	KEATING, GERALD IAGA GEORGE WASHINGTON UNIVERSITY NASA LANGLEY, 31 CHERBOURG DRIVE, NEWPORT NEWS, VIRGINIA, 23606, USA (757)930 0071 (757)930 2112 g.n.keating@lars.nasa.gov
KARSTENSEN, Mr Johannes IAPSO University of Hamburg Institute fuer Meereskunde, Tropelwitzstr. 7, Hamburg, 22529, Germany +49 40 42838 6631 +49 40 5605724 j.karstensen@cmnet.com	KATZENMAIER, Mr Daniel IAHS Potsdam Inst./Climate IMP. RES Telegrafenberg C4, P.O. Box 601203, Potsdam, D-14412, Germany +49 331/288-2691 danielk@pik-potsdam.de	KAWAMURA, Professor H IAPSO Tohoku University Caos, Faculty Of Science, Sendai, 980, Japan +81 22 217 6745 +81 22 217 6748 kamu@ocean.caos.tohoku.ac.jp	KEAY, MR KEVIN IAMAS University of Melbourne Room 449, School of Earth Sciences, Parkville, 3052, Australia 61 3 9344 7721 61 3 9344 7761 kevin@met.unimelb.edu.au
KASAHARA, Professor Junzo IASPEI University Tokyo Earthquake Research Institute, 1.1.1. Yayoi, Bunkyo-Ku, Tokyo, 113-0032, Japan 0081-3-5689-7394 0081-3-5689-7234 kasa2@eri.u-tokyo.ac.jp	KATZFEY, Dr Jack IAMAS Csiro Atmospheric Research Private Bag No. 1, Parkdale, Victoria, 3195, Australia 0061-3-9239 4562 0061-3-9239 4444 jjk@dar.csiro.au	KAWANO, Mr Noriyuki IAMAS Kyoto University Radio Atmos. Science Center, Gokasho, Uji, Kyoto, 611-0011, Japan +81 774 38 3847 +81 774 31 8463 kawano@kurasc.kyoto-u.ac.jp	KEBEASY, Mr Tarek IASPEI University of Bergen Insitute of Solid Earth Physic, Ifj, Al'legaten, Bergen, N-5007, Norway 47 5558 3402 47 5558 9669 tarek.kebeasy@ifjf.uib.no
KASAI, Dr Akihide IAPSO Kyoto University Faculty of Agriculture, Oiwake Kitashirakawa Sakyo, Kyoto, 606-8502, Japan 81-75-753-6468 81-75-753-6227 kasai@kais.kyoto-u.ac.jp	KAUFMANN, Dr Georg Australian National University Research School Of Earth Sci., Camberra, AC5 0200, Australia +61 2 6249 5518 +61 2 6249 5443 GEORG@RSES.ANN.EDU.AU	KAWANO, Mr Noriyuki IAMAS Kyoto University Radio Atmos. Science Center, Gokasho, Uji, Kyoto, 611-0011, Japan +81 774 38 3847 +81 774 31 8463 kawano@kurasc.kyoto-u.ac.jp	KEBEASY, Professor Rashad IASPEI CTBTO International Data Centre, Po Box 1200, Vienna, A-1400, Austria 43-1 26030-6167 53-1 260303-5923 rkebeasy@ctbto.org
KASER, Professor Georg IAHS* Innsbruck University Institute of Geography, Innrain 52, Innsbruck, A-6020, Austria ++43 512 507 5407 ++43 512 507 2895 georg.kaser@uibk.ac.at	KAUKER, Frank IAMAS Alfred-Wegener-Institute P.O. Box 12100, Bremer Haven, 25757, Germany +49 4831 87847 fkauker@awi-bremerhaven.de	KAYMAZ, Dr Zerefsan IAGA Istanbul Technical University Fac. of Aeronautics & Astro., Maslak, Istanbul, 80626, Turkey +90212 285 3126 +90212 285 3139 zerefsan@itu.edu.tr	KEELER, Mr Michael IAHS Ecologic Corporation 19 Eye St, NW, Washington ,DC, 20001, USA 202 218 4100 202 242 5088 keeler@ecologic.net
KATAYAMA, Mrs Junko IAGA Tokyo Institute of Technology 2-12-1 Ookayama, Meguro-KUu, Tokyo, 152-8551, Japan +81 3 5734 2728 +81 3 5734 3537 jsato@geo.titech.ac.jp	KAURISTIE, Mrs Kirsti IAGA Finnish Meteorological Inst. P.O.B.503, Fin-00101, Helsinki, Finland +358-9-19294637 +358-9-19294603 KIRSTI.KAURISTIE@FMI.FI	KAZARYAN, Mrs Susanna UNION Sternberg State Astro. Inst. Universitetskij Pr.13, Moscow, 119899, Russia 7 095 939 50 24 7 095 932 88 41 kazaryan@sai.msu.ru	KEENAN, Doug The Lime House Cut Studio 31, London, E14 6NQ, UK 0171 537 4122 doug.keenan@virgin.net
KATO, Dr Teruyuki IASPEI University of Tokyo Earthquake Research Institute, 1-1, Yayoi 1, Bunkyo-Ku, Tokyo, 113-0032, Japan +81 3 5802 8644 +81 3 5689 7234 teru@eri.u-tokyo.ac.jp	KAVVAS, Levent IAHS University of California 526 Isla Place, Davis, CA 95616, USA 1 530 753 9584 1 530 753 9584 mlkavvas@ucdavis.edu	KAZIMIROVSKY, Professor E Russian Academy of Sciences Inst. of Solat-Terrestrial, Physics, PO. Box 4026, Irkutsk, 664033, Russia 7 3952 461865 7 3952 462557 edkaz@iszf.irk.ru	KEERS, Dr Henk IASPEI UC Berkeley Lawrence Berkeley Lab., MS 90-1116, 1 Cyclotron Rd., Berkeley, California, CA 94720, USA 510 495 2788 510 495 5686 henk@saismo.berkeley.edu
KATO, Mr Aitaro IASPEI University of Tokyo Earthquake Research Institute, Yayoi 1-1-1, Bunkyo-Ku, Tokyo, 113 0032, Japan +81 3 5841 5731 +81 3 5689 7234 akato@eri.u-tokyo.ac.jp	KAWAHARA, Dr Jun IASPEI Ibaraki University Bunkyo 2-1-1, Mito, 310-8512, Japan 81 29 228 8393 81 29 228 8405 joker@mito.ipc.ibaraki.ac.jp	KAZMIN, Dr Alexander IAPSO Inst. for Global Change Res. Seavans N7ff, 1-2-1 Shibaaura, Minato-Ku, Tokyo, 105, JAPAN +81 3 5765 7124 +81 3 5765 7103 kazmin@frontier.esto.or.jp	KEEVALLIK, Dr Sirje IAMAS Tartu Observatory Toravere, Tartumaa, 61602, Estonia 372 6 604 779 372 6 454 277 sirje@nimbus.emhi.ee
KATO, Mr Fuminori IASPEI Public Works Research Inst. Asahi 1, Tsukuba-City, Ibaraki- Prefecture, 305 0804, Japan +81 298 64 3163 +81 298 64 1168 kato@pwri.go.jp	KAWAHARA, Mrs Midori IASPEI Tokyo Electric Power Services Higashi-Ueno 3-3-3, Taito-Ku, 110-0015, JAPAN 81 3 5818 7792 81 3 5818 7608 kawahara@tepsc.co.jp	KEADY, Dr John Geoloc Corporation 1601 N. Kent Street Suite 1102, Arlington, Virginia, 22209, USA 7038128500 7038128188 keady@geoloccorp.com	KEILING, Mr Andreas IAGA University of Minnesota School of Physics & Astronomy, 116 Church Street Se, Minneapolis, Minnesota, 55455, USA 612 623 0378 akeiling@ham.space.umn.edu
	KAWAKATA, Dr Hironori Kyoto University Res. Cen. for E.Quake Pred., Disaster Prevention Res. Inst., Gokasho, Uji, Kyoto, 611 0011, Japan +81 774 38 4234 +81 774 38 4239 kawakata@rcep.dpri.kyoto-u.ac.jp	KEARSLEY, Professor Bill IAG University of NSW School of Geomatic Engineering, Sydney, NSW, 2052, Australia 61293854188 61293137493 w.kearsley@unsw.edu.au	KEILIS-BOROK, V. IEPT & MG, RAS Warshavskoe Shosse 79-2, Moscow, 113556, Russia 70951107795 70953107032

KEKKONEN, Mr Petri IAGA University Of Oulu Dept of Physical Sciences, POo Box 3000, Oulu, Fin-90401, Finland 358 50 55 70 955 358 8 55 31 287 petri.kekkonen@oulu.fi	KENNEDY, Mr Todd IAPSO University of Missouri, USA sa	KETTLEWELL, Mr Peter Harper Adams Univ. College School of Agriculture, Newport, Shropshire, TF10 8NB, UK 01952 815299 01952 814783 pskettlewell@harper-adams.ac.uk	KIDD, Dr Chris IAMAS University of Birmingham School of Geography, Edgbaston, Birmingham, B15 2TT, UK 0121 693 2888 c.kidd@bham.ac.uk
KELBE, Dr Brian E.M-L IAHS University of Zululand C/O Mrs Sandie Butterfield, Macleans Building, Crowmarsh Gifford, Wallingford, OX10 8BBBb, South Africa 01491 692214 01491 69244 s.butterfield@ioh.ac.uk	KENNETT, Professor Brian IASPEI/UNION Research School of Earth Sci. The Australian National Univ., Canberra Act, 0200, Australia +61 2 6249 4621 +61 2 6257 2737 brian@rses.anu.edu.au	KHALAFALLA, El Badri IAG ADCO P.O. Box 270, U.A.E., Adu Dhabi, United Arab EM. 604 3685 604 3877 khalafalla@adco.co.ae	KIDSON, Dr John IAMAS NIWA POo Box 14901, Wellington, New Zealand +64 4 386-0311 +64 4 386-2153 j.kidson@niwa.cri.nz
KELLER, Miss Kristi IAGA University of Minnesota 116 Church St. Se, Minneapolis, MN, 55455, USA 1 612 624 7865 1 612 626 2029 kellerk@aurora.space.umn.edu	KENT, Dr Geoffrey IAMAS Science & Technology Corp. 10 Basil Sawyer Drive, Hampton, Virginia, 23666-1340, USA 202 244 0278 g.s.kent@larc.nasa.gov	KHALIFEH, Mr Saliem IAG Royal Jordanian Geographic Ahmad Al-Tarawneh Street 20, P.O. Box 414, Al- Jubayha, 119410, Jordan +962-6-5349199 +962-6-5347694 rgc@amra.nic.gov.jo	KIJKO, Dr Andrzej IASPEI Council for Geoscience Private Bag X112, Pretoria, 0001, South Africa +27 12 841 1180 +27 12 841 1424 kijko@geoscience.org.za
KELLER, Mr Kristian IAG KMS-Denmark National Survey And Cadastre, Rentemestervej 8, Copenhagen NVV, DKK-2400, Denmark 0045-3587 5251 0045-3587 5052 krk@kms.dk	KENYON, Steve IAG Nat. Imagery & Mapping Agency Nima Gimgc L-41, St. Louis, 63118-3399, USA +1 314 263 4342 +1 314 263 4102 kenyons@nima.mil	KHAN, Hina Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	KIKUCHI, Dr Masayuki IASPEI University of Tokyo 1-1-1 Yayoi, Bunkyo-Ku, Tokyo, 113-0032, Japan 81 3 3812 2111 EXT 5764 81 3 3814 5507 kikuchi@eri.u-tokyo.ac.jp
KELLER, Professor Jorg IAVCEI Institut Für Mineralogie Petrologie Und Geochemie, Der Universität Freiburg, Albertstr.23B, D-79104, D-79104, Germany ++49-761-203-6404 jkeller@ruf.uni-freiburg.de	KERAMITSOGLU, Iphigenia Imperial College Space & Atmospheric Physics, Blackett Lab., London, SW7 2BZ, UK 0171 594 7900 i.keramitsoglou@ic.ac.uk	KHANDEKAR, Dr Madhav Baird & Associates 52 Montrose Crescent, Unionville, Ontario, L3R 7Z5, Canada mkhandekar@home.com	KIKUCHI, Mr Takashi Communications Research Lab. 4-2-1 Nukui-Kitamachi, Koganei, Tokyo, 184 8795, Japan +81 42 327 7526 +81 42 327 6661 kikuchi@crl.go.jp
KELLER, Professor W. IAG University of Stuttgart Geodetic Institute, Geschwister-Scholl- STR-24/D, Stuttgart, 70174, Germany 49 711 121 3459 49 711 121 3285 wolfgang.keller@gis.uni-stuttgart.de	KERRIDGE, Dr David IAGA British Geological Survey Murchison House, West Mains Road, Edinburgh, EH9 3LA, UK 0131 650 0220 0131 667 1877 d.kerridge@bgs.ac.uk	KHAZAI, Esmail IAHS Uni. of Sistan & Baluchestan Khash Road, Zahedan, Iran 0098 541 437279 khazai@hamoon.usb.ac.ir	KILBY, Mr Grant IAG Aston University Aston Space Geodesy, Dept. of Civil Engineering, Birmingham, B4 7ET, UK 0121 359 3611 EXT 4552 kilbyg1@aston.ac.uk
KENDALL, Dr Michael IASPEI University of Leeds School of Earth Sciences, Leeds, West Yorkshire, LS2 9JT, UK 44 0 1132335258 44 0 11132335259 m.kendall@earth.leeds.ac.uk	KERSHAW, Dr Peter IAPSO CEFAS Pakefield Road, Lowestoft, NR33 0HT, UK 01502 524455/524417 01502 524546 p.j.kershaw@cefas.co.uk	KHESHGI, Dr Haroon IAMAS Exxon Res. & Eng. Co. Route 22 East, Annandale, New Jersey, 08801, USA +1 908 730 2531 +1 908 730 3301 hskhesh@erenj.com	KILICOGLU, Ali IAG General Command of Mapping Geodesy Department, Ankara, 06100, Turkey +90 312 363 8950 / 2266 akilicoglu@hgk.mil.tr
KENNEDY, Keith IAHS Chyn / Unine Hydrogeology Center, University Neuchatel, Neuchatel, CHh-2007, Switzerland +41 32 718 2685 +41 32 718 2603 keith.kennedy@chyn.unine.ch	KERSLEY, Professor L. IAGA University of Wales Dept. of Physics, Penglais, Aberystwyth, Ceredigion, SY23 3BZ, UK 01970 622813 01970 622826 lek@aber.ac.uk	KHREBTOV, Mr Gennadiy Institute of Ionosphere Kamenskoe Plateau, Almaty, 480020, Kazakhstan +7 3272 548074 +7 3272 650993 gn@ionos.alma-ata.su	KILLEEN, Dr Tim IAGA University of Michigan 2455 Hayward, Ann Arbor, Michigan, 48109, USA 734 936 2745 734 763 0437 tkilleen@umich.edu
KENNEDY, Miss Claire IAMAS UMIST Physics Department, P.O. Box 88, Manchester, M60 10D, UK 0161 200 3907 0161 200 3941 claire@dopey.phy.umist.ac.uk	KERTTULA, Mr Raine IAGA University of Oulu Dept. of Physical Sciences, P.O. Box 3000, Oulu, Fin-90401, Finland +358 8 5531302 +358 8 5531287 raine.kerttula@oulu.fi	KHUBLARYAN, Professor M IAHS Russian Academy of Sciences Water Problems Institute, 3 Gubkina Str., Moscow, GSP1117735, Russia (095)135 56 54 (095)135 54 15 martin@iwapr.msk.su	KIM, Dr Chang S. IAPSO Korea Ocean R&D Inst. Coastal Environ. Eng. Div., 1270 Sadong, Ansan Kyunggi, 425 170, South Korea +82 345 484 7334 +82 345 400 6340 surfkim@kordi.re.kr
	KERZENMACHER, Tobias IAMAS University of Leeds Environment Centre, Leeds, West Yorkshire, LS2 9JT, UK 0113 2336743 0113 2336716 tobias@lec.leeds.ac.uk	KHURANA, Dr Krishan IAGA University of California Inst. of Geophys./Planet. Phys, Los Angeles, California, 90095, USA (310) 825 8240 (310) 206 8042 KKHURANA@IGPP.UCLA.EDU	KIM, Dr Seungbum IAPSO Kaist Satrec Yu-Sung, Gu-Sung 371-1, Taejeon, 305701, South Korea +82 42 869 8634 +82 42 861 0064 sbkim@krsc.kaist.ac.kr
	KESSEL, Ms Ramona NASA Code 632, NASA GSFC, Greenbelt, 20770, USA 1 301 286 6595 1 301 286 1771 mona.kessel@gssc.nasa.gov	KIDA, Professor Hideji IAMAS Kyoto University Dept. of Geophysics, Sakyo-Ku, Kyoto, 606 8052, Japan +81 75 753 4271 +81 75 753 3716 kida@kugl.kyoto-u.ac.jp	

KIM, Dr Wonsik IAHS*	KIRKEVAG, Mr Alf IAMAS	KLECKER, Dr Berndt IAGA	KLIORE, Dr Arvydas IAGA
University of Tokyo 7-22-1, Roppongi, Minato-Ku, Tokyo, 106-8558, Japan 81 3 3402 6231 81 3 3402 2597 wonsik@iis.u-tokyo.ac.jp	University of Oslo Dept. of Geophysics, P.O. Box 1022, Bundern, 0315 0510, Norway 47 22 85 52 04 47 22 85 52 69 alf.kirkevag@geofysikk.nio.no	Max-Planck Institut Inst.Extraterrestrische Physik, Garching, 85740, Germany 0049-89-3299 3872 0049-89-3299 3569 bek@mpe.mpg.de	Jet Propulsion Laboratory MSs 161-260, 4800 Oak Grove Drive, Pasadena, 91109, USA 1 818 3546164 1 818 3934643 akliore@jpl.nasa.gov
KIM, Dr Yong-Won IAHS	KIRKWOOD, Professor S IAGA	KLEES, Professor Roland	KLOSTERMEYER, Dr Jurgen IAMAS
Iarc, Univ. of Alaska Fairbank Po Box 757335, Fairbanks, Alaska, 99775, USA +1 907 474 2674 +1 907 474 2643 KIMYW@IARC.UAF.EDU	Swedish Inst. of Space Physics Box 812, Kiruna, S-98128, Sweden +46 980 79000 +46 980 79050 sheila@irf.se	TUu Delft/Deos Faculty/Civil Engin. & Geosci., Thijsseseweg 11, Delft, 2629 Jaa, The Netherlands 31 15 278 6100 31 16 278 3711 r.klees@geo.tudelft.nl	MPAe Max-Planck-Str. 2, Kattenburg-Lindau, D-37191, Germany +49 5556 979 453 +49 5556 979 240 jkloste@gwdg.de
KIM, MISS Eojin IAGA	KISBY, Penny IAHS	KLEIN, Dr Birgit IAPSO	KLOTZ, Dr Jurgen IAG
Chungnam National University Dept. of Astronomy & Space, Science, Daejeon, 305 764, South Korea 82 42 821 7494 82 42 822 8380	Institute of Hydrology, Wallingford, Oxfordshire, OX10 8BB, UK 01491 692288 01491 692448 penny@iahs.demon.co.uk	Universitaet Bremen FBb1, P.O. Box 330440, Abt. Traceroceanographie, Bremen, 330440, Germany +421-218-2931 +421-218-7018 bklein@physik.uni.bremen.de	GFZ-Potsdam Telegrafenberg A17, Potsdam, 14473, Germany klotz@gfz-potsdam
KIM, Professor So Gu IASPEI	KITAMURA, Mr Kentarou IAGA	KLEIN, Dr Ulf	KLUMPAR, Dr David IAGA
Hanyang University The Seismological Institute, 1271 Sa-1dong, Ahnsanshi, Kyonggi-Do, 425791, South Korea 82 345 400 5532 82 345 400 5830 sogukim@mail.hanyang.ac.kr	Kyushu University Dept of Earth & Planetary Sci., 6-10-1 Hakozaki Higashi-Ku, Fukuoka, 812-8581, Japan +81 92 642 2672 +81 92 642 2685 kentarou@geo.kyushu-u.ac.jp	University of Bremen Inst. of Environmental Physics, P.O. Box 330440, Bremen, 28334, Germany ++49 421 2184462 ++49 421 2184555 ulf.klein@uni-bremen.de	Lockheed Martin Advanced Technology Center, Dept. L9-42 Bklg 255, 3251 Hanover Street, Palo Alto, CA, 94304, USA 650-424-3288 650-424-3333 klump@sierra.spasci.com
KIMATA, Professor Fumiaki IAG	KITE, Dr Geoff IAHS	KLEIN, Mr Thomas IAMAS	KNIGHT, Mr Jeffrey IAMAS
Nagoya University School of Science, Furo, Chikusa, Nagoya, 464 8602, Japan +81 52 789 3040 +81 52 789 3047 kimata@seis.nagoya-u.ac.jp	IWMI Thaem, Menemen Izmir, 35660, Turkey 90 232 831 3565 g.kite@cgjar.org	University of Bonn Meteorologisches Institut, Auf Dem Huegel 20, Bonn, D-53121, Germany +49 228 735108 +49 228 735188 tklein@uni-bonn.de	UK Meteorological Office London Road, Room 256, Bracknell, RG12 2SZ, UK 01344 856074 01344 854493 jrknight@meto.gov.uk
KING, Dr Daniel IAPSO	KITTEL, Dr Timothy G.F. IAMAS	KLEINDIENST, Mr Hannes	KNORR, Dr Wolfgang
NOAA/CMDL/Cires R/E/Cg1, 325 Broadway, Boulder, CO, 80303, USA 303 497 7015 303 497 7850 dking@cmdl.noaa.gov	NCAR Po Box 3000, Boulder, Colorado, 80307-3000, USA 1 303 497 1606 1 303 497 1695 kittel@ucar.edu	University of Bern Remote Sensing Research Group, Hallerstrasse 12, Bern, 3012, Switzerland +41 0 31 631 8552 +41 0 31 631 8511 kleindienst@giub.unibe.ch	MPI Biogeochemistry , Jena, 07701, Germany +49 3641 64 3745 +49 3641 64 3775 wolfgang.knorr@bgc-jena.mpg.de
KING, Dr James IAGA	KIVELSON, Dr Margaret G IAGA	KLEINN, Mr Jan IAMAS	KNUDSEN, Dr Per IAG
University of Botswana Dept. of Physics, Private Bag 0022, Gaborone, Botswana 267 585 097 kingjg@noka.ub.bw	UCLA/IGPP 6843 Slichter Hall, 405 Hilgard Ave., Los Angeles, California, 90095-1567, USA 310 825-3435 310 206-8042 mkivelson@igpp.ucla.edu	Institute of Geography Eth Winterthurerstrasse 190, Zuerich, Ch-8057, Switzerland +41 1 635 52 34 +41 1 362 51 97 kleinn@geo.umnw.ethz.ch	Kort & Matrikelstyrelsen Geodetic Dept, Rentemestervej 8, Copenhagen NV, DK-2400, Denmark +45 3587 5050 +45 3587 5052 pk@kms.dk
KING, Dr John IAMAS	KIVISAARI, Mr Tarmo IAGA	KLETETSCHKA, Dr Gunther IAGA	KOBAYASHI, Professor K
British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221487 01223 362616 j.c.king@bas.ac.uk	University of Oulu Dept. of Physical Sciences, P.O. Box 3000, Oulu, Fin-90401, Finland +358 8 553 1253 +358 8 553 1287 tarmo.kivisaari@oulu.fi	GSFC-NASA Code 690, Greenbelt, Maryland, 20771, USA 001-301-286 3804 001-301-286 0212 gunther@denali.gsfc.nasa.gov	Iapso/Iaspei/Union Japan Marine Sci. & Tech. Cen. , 237-0061, JAPAN
KINOSHITA, Dr Hajimu IAGA	KLATT, Mr Olaf IAPSO	KLEW, Professor Dieter IAMAS	KOENIGER, Mr Paul IAHS
Japan Marine Science Tech. Japan Marine Science Tech.Cen., 2-15 Natsushima-Cho, Yokosuka, 236 0011, JAPAN 0081-4-68-67-3827 0081-4-68-66-5541 jimmy@jamstec.go.jp	University of Bremen , P.O.BOX:330 440, Bremen, D-28334, Germany +49 421 218 4562 +49 421 218 4562 oklatt@physik.uni-bremen.de	FZ Jülich GMBH Inst. Chemistry & Dynamics Geo, Chemistry/Polluted Atmos., Jülich, D-52425, Germany 0049 2461 61 3741 0049 2461 61 5346 d.kley@fz-juelich.de	Institute of Hydrology University of Freiburg, Fahnenbergplatz, Freiburg, 79098, Germany ++49 761 203 3519 ++49 761 203 3594 koenigep@uni-freiburg.de
KIRATZI, Professor A IASPEI	KLAWA, Matthias IAPSO	KOHLE, Dr John IAGA	
Aristotle Univ. Thessaloniki Department of Geophysics, Thessaloniki, 54006, Greece 00 30 31 998486 kiratzi@geo.auth.gr	University of Cologne Inst.f for Geophysics & Met., Cologne, 50923, Germany +49(0)221 470 3689 +49(0)221 470 5161 mklawa@meteo.uni-koeln.de	Harvard Smithsonian Center for Astrophysics, 60 Garden Street M/S 50, Cambridge, Massachusetts, 02138, USA 617 495 7377 617 495 7455 jkohl@cfa.harvard.edu	

- KOHL, Dr Thomas** IASPEI
Institut Für Geophysik
Eth Zurich (Honggerberg), Zurich, 8093,
Switzerland
+41 1 633 1065
+41 1 633 1065
kohl@geo.phys.ethz.ch
- KOIKE, Professor Toshio** IAHS
Nagaoka Univ. of Technology
1603-1, Kamitomioka, Nagaoka,
940-2188, Japan
+81 258 47 9667
+81 258 47 9667
tkoike@nagaokaut.ac.jp
- KOIVULA, Mr Hannu** IAG
Finnish Geodetic Institute
Geodeetinrinne 2, P.O. Box 15, Masala,
Fin-02430, Finland
+358 9 29555221
+358 9 29555200
hannu.koivula@fgi.fi
- KOIVUSALO, Mr Harri** IAHS
Helsinki Univ. of Technology
Lab. Water Resources, P.O. Box 5200,
Hut, Espoo, Fin-02015, Finland
+358 451 3837
+358 451 3836
hkoivusa@ahli.hut.fi
- KOL, Dr Helena**
IPCC
Ra Artilharia Umm, No 107, Lisboa,
1099-052, Portugal
+351 1 381 96 51
+351 1 381 96 96
hkol@ipcc.pt
- KOLEV, Dr Stoytcho** IAMAS
National Inst. Met. & Hyd.
Blvd, Tsarigradsko Shaussee, Sofia,
1784, Bulgaria
+3592 9753988 EXT 320
+3592 884494
stayko.kolev@meteo.bg
- KOLPIN, Mr Dana** IAHS
U.S. Geological Survey
400 South Clinton Street, P.O. Box
1230, Iowa City, Iowa, 52244, USA
319 358 3614
319 358 3606
dwkolpin@usgs.gov
- KOMINAMI, Mr Yasuhiro** IAHS
Hokuriku Nat. Agri. Exp. Stn.
Inada 1-2-1, Joetsu-City, Niigata,
943-0193, Japan
+81 255 26 3234
+81 255 24 8578
comy@affrc.go.jp
- KONDA, Dr Masanori** IAPSO
Kyoto University
Dept. of Geophysics, Graduate School
of Science, Kitashirakawa, Sakyo, 606
8502, Japan
+81 75 753 4292
+81 75 753 3928
konda@kugi.kyoto-u.ac.jp
- KONDO, Dr Tetsuro** IAG
Kashima Space Research Center
Communications Research, 693-1
Hirai, Kashima, Ibaraki, 314-0012,
Japan
+81 299 84 7137
+81 299 84 7194
kondo@crl.go.jp
- KONIOUKHOV, Dr Boris** IAGA/IAHS/IAMAS
IPGP
BPP 89, 4 Place Jussieu, Paris Cedex
05, 75252, France
33 1 44272407
31 1 44273373
borisk@ipgp.jussieu.fr
- KONO, Professor Masaru** IAGA
Okayama University
Inst. Study of Earth's Int., Yamada 827,
Misasa, Tottori-Ken, 682-0193, Japan
+81 858 43 1215
+81 858 43 2184
mkono@geoph.s.u-tokyo.ac.jp
- KONO, Professor Yoshiteru** IASPEI
Kanazawa University
Faculty of Science, Kakuma-Machi,
Kanazawa, 920-1192, Japan
+81 76 264 5731
+81 76 264 6062
kona@hakusan.s.kanazawa-u.ac.jp
- KONTAR, Professor Evgenei** IAPSO
Russian Academy of Sciences
P.P. Shirshov Institute of Oceanology,
Zemliany Val, 18/22 Kv.77, Moscow,
103064, Russia
7095 916-0311
9095 124-5983
kontar@cityline.ru
- KOPNICHEV, Professor Yuri** IASPEI
Joint Inst. Phys. of The Earth
Kamo Str. 8Aa, Talgar, Almaty Region,
483310, Kazakhstan
7 32774 45696
adm@cse.academ.alma-ata.kz
- KOPP, Mr Ernest** IAGA
University of Bern
Physikalisches Institut, Sidlerstrasse 5,
Bern, CH-h-3012, Switzerland
+41 31 6314415/4411
+41 31 6314405
ernest.kopp@phim.unibe.ch
- KORABLEV, Mr Alexander** IAPSO
Arctic & Antarctic Research Inst
38 Bering Str., St. Petersburg,
199397, Russia
8 (812) 3523352
8 (812) 3522688
aakor@aari.nw.ru
- KORCHAGIN, Nikolai** IAPSO
P.P. Shirshov Inst. of Ocean.
36 Nahimovskii Prospect, Moscow,
117851, Russia
7 095 288 1352
7 095 124 5983
niknik@gol.ru
- KOREPANOV, Professor V** IAGA
LVIV CISR
National Academy of Science, 5-A
Naukova Str., Lviv, 290601, Ukraine
380 322 639163
380 322 638244
vakor@isr.lviv.ua
- KORHONEN, Mr Juha V** IAGA
Geological Survey of Finland
P.O. Box 96, Espoo, 02151, Finland
+358 205 50 2275
+358 205 50 12
juha.korhonen@gsf.fi
- KOROTOVA, Dr Galina** IAGA
Izmiran
C/O David G Sibeck, Jhu/Apl, 11100
Johns Hopkins Road, Laurel, MD,
20723, USA
1 240 228 8545
1 240 228 6670
korotova@excite.com
- KORSNES, Dr Reinert**
Norwegian Polar Institute
Polar Environment Centre, Tromso,
N-9009, Norway
+47 77750554
reinert.korsnes@npolar.no
- KORTE, Miss Monika** IAGA
GFZ Potsdam
A-S-Observatorium Für Geomag.,
Lindenstrasse 7, Niemegk,
D-14823, Germany
+49 33843 62433
monika@gfz-potsdam.de
- KORTH, Dr Wilfried** IAG
TU Dresden
Inst. Für Planetare Geodäsie,
D-01062, Dresden, 01062, Germany
49 351 4633779
49 351 4637063
dietrich@ipg.geo.tu-dresden.de
- KORTVELYESSY, Dr Laszlo**
Observatory Kleve
Kleve, Kleverberg 21,
D-47533, Germany
+49 2821 20627
+49 2821 17626
DvLaky@aol.com
- KOSARIAN, Miss Minoo** IASPEI
Tehran University
Inst. of Geophysics, P.O. Box 1415-
6466, Tehran, 14155 5455, IRAN
+98 21 802 7009
minoo@iman.ut.ac.ir
- KOSCH, Dr Michael** IAGA
MPAe
Max-Planck-Str. 2, Katlenburg-Lindau,
37191, Germany
+49 5556 979409
+49 5556 979240
kosch@linmpi.mpg.de
- KOSEK, Dr Wieslaw** IAG
Polish Academy of Sciences
Space Research Centre, Bartycka 18a,
Warsaw, 00-716, Poland
48 22 8403766 EXT.306
48 22 121273
kosek@cbk.waw.pl
- KOSHEL, Dr Konstantin**
Pacific Oceanological Inst.
42 Bultiyskaya Str., Vladivostok,
690068, Russia
7 4232 312860
7 4232 312573
wave@online.vladivostok.ru
- KOSHIMURA, Mr Shun-Ichi** IAPSO/IASPEI
Tohoku University
AOBA 06, Sendai, 780-8579, Japan
+81 22 217 7515
+81 22 217 7453
kossy@tsunami2.civil.tohoku.ac.jp
- KOSHYK, Dr John** IAMAS
University of Toronto
Canada
- KOSIK, Dr Jean Claude** IAGA
CNES
Division Mathematiques., Bpi 1214,
Toulouse Cedex, 31401, France
0033 5 61 27 48 27
0033 5 61 27 35 40
jean-claude.kosike@cnes.fr
- KOSKINEN, Professor Hannu** IAGA
University of Helsinki
Finnish Meteorological Inst., P.O. Box
503, Helsinki, FIN-00101, Finland
00358-9-19294603
00358-9-19294603
hanuu.koskinen@fmi.fi
- KOSSOBOKOV, V.**
IIPT & MG, RAS
Warshavskoe Shosse 79-2, Moscow,
113556, Russia
70951107795
70953107032
- KOSTEROV, Dr Andrey** IAGA
Geological Survey of Japan
Marine Geology Department, 1-1-3
Higashi, Tsukuba, 305 8567, Japan
+81 298 54 3596
+81 298 54 3589
kosterov@gsj.go.jp
- KOSTYANOV, Simeon** IAG/IAMAS
Univ. of Mining & Geology
Sofia, 1100, Bulgaria
+359 2 62581
skost@satff.mgu.bg
- KOSUGA, Dr Masahiro** IASPEI
Hirosaki University
Faculty of Science aAnd Tech., Bunkyo-
Cho 3, Hirosaki,
036-8561, Japan
+81-172-39 3652
+81-172-34-5325
- KOTZE, Dr Pieter** IAGA
Hermanus Magnetic Observatory
Box 32, Hermanus, 7200, South Africa
+27 283 21196
+27 283 22039
pkotze@csir.co.za
- KOTZEV, Dr Valentin** UNION
Bulgarian Academy of Sciences
Central Laboratory of Geodesy, ULI.15
Noemvri, 1, Sofia, 1040, Bulgaria
00359 2 720 841
00359 2 720 841
kotzev@gcict.acad.bg
- KOUTCHEROUK, Dr Nikita**
Shirshov Inst. of Oceanology
RAS, Nakhimovskiy Prospect, 36,
Moscow, 117851, Russia
+7-095-1247996
+7-095-1245983
kucheruk@ecosys.sio.rssi.ru
- KOUTOULAKI, Dr Katerina** IAMAS
Rutherford Appleton Laboratory
Chilton, Didcot, Oxon, OX11 0X, UK
01235 4464 28
01235 445848

KOUTRAKIS, Mr Stylianos IASPEI Aristotle University School of Geology, Dept. of Geophysics, Thessaloniki, 54006, Greece +30 31 998536 +30 31 998528 stelios@lemnios.geo.auth.gr	KRAUKLIS, Dr Ian IAGA University College London Mullard Space Science Lab., Dept. of Space & Climate Phys., Holmbury St. Mary, Surrey, RH5 6NT, UK 01483 204175 01483 278312 ick@mssl.ucl.ac.uk	KROPOTKIN, Dr Alexey IAGA NPI/MSU Skobel'syn Nuclear Physics, Institute, Moscow, 119899, Russia 07 095 939 3833 07 095 939 3553 apkrop@decl.npi.msu.su	KRYNSKI, Dr Jan IAG Inst. of Geodesy & Cartography Jasna 2/4, Warsaw, 00-950, Poland +48 22 827 0326 +48 22 827 0328 krynski@igik.edu.pl
KOYAMA, Mr Takao IAGA University of Tokyo Earthquake Research Institute, Yayoi 1-1-1, Bunkyo-Ku, Tokyo, 113-0032, JAPAN +81 3 3818 6359 +81 3 3812 9417 tkoyama@eri.u-tokyo.ac.jp	KREHER, Dr Karin IAMAS NIWA NIWA-Lauder, Private Bag 50061, Omakau Central Otago, 9182, New Zealand +64 3 447 3411 +64 3 447 3348 kreher@kea.lauder.cri.nz	KROTKOV, Professor Dr N IAPSO Raytheon Itss ITSS Co./Ozone Group 4400 forbes Blvd., Lanham, Maryland, 20706, USA 301 794 50 80 301 441 18 53	KRYSANOVA, Dr Valentina IAHS PIK Potsdam P.O. Box 601 203, Telegrafenberg, Potsdam, 14412, Germany 49 331 288 2515 49 331 288 2600 valen@pik-potsdam.de
KOZYNIAK, Kathleen University of Bristol Water Management Research CTT., Lunsford House, Cantock's CLI., Bristol, BS8 1UP, UK 0117 928 9768 0117 928 9770 K.M.Kozyaniak@bristol.ac.uk	KRICHAk, Dr Simon IAMAS TelEL Aviv University Dept. Geophysics & Planetary, Science, Tel AVIV, 69978, Israel 972 3 6707470 972 3 6409282 shimon@cyclone.tau.ac.ie	KRS, Miroslav IAGA Inst. of Geo., Academy of Sci. Rozvojova 135, Prague 6-Lysolaje, 16502, Czech Republic +420 2 20922628 inst@gli.cas.cz	KUANG, Mr Weijia IAGA NASA'S GSFC Space Geodesy Branch, Code 926, Greenbelt, Maryland, 20731, USA 001-301-286-9020 001-301-286-1760 huawg@santefe.gsfc.nasa.gov
KOZYRA, Dr Janet IAGA University of Michigan Space Physics Research Lab., 2455 Hayward RM. 1411, Ann Arbor, Michigan, 48109-2143, USA 734 764 1221 734 647 3083	KRIJGSMAN, Dr Wout IAGA Utrecht University Paleomagnetic Lab. Hoofddijk, Budapestlaan 17, Utrecht, 3584 CDD, The Netherlands krijgsma@geo.uu.nl	KRUEGER, Kurt Nat. Imagery & Mapping Agency 211 Arras Drive, St. Louis, MD 63129, USA +1 314 845 7917 kruegerk@niwa.mil	KUBA, Dr Naomi IAMAS FRSGC Seavans North 7f, 1-2-1 Shibaura, Minato-Ku, Tokyo, 105-6791, Japan +81 3 5765 7100 +81 3 5765 7103 kuba@frontier.esto.or.jp
Kracke, Dr Dieter IASPEI Inst. Fur Geowissenschaften Fsu Jena, Burgweg Ili, Jena, D 07749, Germany 49 3641 948665 49 3641 948662 kracke@geo.uni-jena.de	KRISTEK, Mr Jozef IASPEI Slovak Academy of Sciences Geophysical Institute, Dubravská Cesta 9, Bratislava, 842 28, Slovak Republic 00421-7-5477 5280 00421-7-5477-5278 geofkris@savba.sk	KRUGER, Mr Andries IAMAS South African Weather Bureau POo Box 26224, Arcadia, 0007, South Africa +27 12 309 3040 +27 12 309 3979 andries@cirrus.sawb.gov.za	KUCHARSKI, Dr Fred IAMAS University of Reading Department of Meteorology, Po Box 243, Reading, RG6 6BB, UK 0118 5123 ext.4235 0118 931 8905 f.kucharski@reading.ac.uk
Krall, Dr Miss Evelyn University of Technology Graz Institute of Hydraulics, Mandellstrasse 0/I, Graz, A-8010, Austria ++43 316 873 6761 ++43 316 873 6264 krall@hydro.tu-graz.ac.at	KRISTJANSSON, Dr Jon E IAMAS University of Oslo Department of Geophysics, P.O. Box 1022 Blindern, OSLO, 0315, Norway +47 22 85 58 13 +47 22 85 52 69 jegill@pat.uio.no	KRUGER, Mrs Kirstin IAMAS Institut Fur Meteorologie Carl-Heinricher-Becker, WEGeg 6-10, Berlin, 12165, Germany +49 30 838 71187 +49 30 838 71167 kruege@strat01.met.fu-berlin.de	KUCHMENT, Lev IAHS Water Problems Inst. of R.A.S. Russian Academy of Sciences, Gubkin 3 Str., Moscow, 117735, Russia +70 95 135 545 kuchmento@iwapz.msk.ru
KRANKOWSKI, Mr Andrzej IAG Olsztyn University Inst. of Geodesy, Univ. of Agriculture & Tech., Olsztyn, 10-957, Poland 48 89 523 3279 48 89 523 4768 kand@mostit.art.olsztyn.pl	KRISTJANSSON, Dr Leo IAGA University of Iceland Science Institute Hagi, P.O. Box 7300, Reykjavik, 107, Iceland 354 525 4800 354 552 1347 leo@raunvis.hi.is	KRUGLANSKI, Dr Michel IAGA Bira/lasb Avenue Circulaire, 3, Bruxelles, 1180, Belgium +32 2 3730417 +32 2 3748423 michel.kruglanski@oma.be	KUHN, Mr Michael IAG University of Karlsruhe Geodetic Institute, Englerstr. 7, Karlsruhe, D-76128, Germany ++49 721 608 2723 ++49 721 694 552 kuhn@gik.uni-karlsruhe.de
KRASHOSELSKIKH, Vladimir IAGA LPCE / CNRS 3A Avenue De La Recherche Sci., Orleans, 45100, France +33 2 38 25 52 75 vkrasnos@cnrs-orleans.fr	KRIVOLUTSKY, Dr Alexei IAGA/IAMAS Cen. Aerological Observatory Pervomayskaya Str. 3, Dolgoprudny, Moscow Region, 141700, Russia +7 95 433 6656 +7 95 576 3327 alkriv@mycomp.netclub.ru	KRUIVER, Ms Pauline IAGA Utrecht University Paleoma. Labo. fort Hoofddijk, Budapestlaan 17, Utrecht, 3584 CDD, The Netherlands kruiver@geo.uu.nl	KUHN, Professor Michael IAMAS University of Innsbruck Inst. of Meteorology, Innrain 52, Innsbruck, A 6020, Austria +43 512 507 5450 +43 512 507 2924 michael.kuhn@uibk.ac.at
KRASNOPOLSKY, Dr Vladimir IAMAS NCEP Emc/Ncep/Noaa, 5200 Auth Rd., Camp Springs, Maryland, MD20746, USA +1 301 763 8000 EXT 7262 +1 301 763 8545 kvladimir@ncep.noaa.gov	KROEHL, Dr Herbert IAGA NOAA/NGDC 325 Broadway, Boulder, Colorado, 80302, USA 303-497-6323 303-497-6513 hkroehl@ngdc.noaa.gov	KRUPCHATNIKOFF, Dr V IAMAS ICMM SBb RASas, Prospect Lavrentieva 6, Novosibirsk, 630090, Russia +7 3832 396524 +7 3832 324259 vkrup@ommfao1.sccc.ru	KUHTREIBER, Dr Norbert IAG Physical Geodesy, Graz Steyregasse 30, Graz, A-8010, Austria +43 316 873 6351 kseh@phgg.tu-graz.ac.at
KRASOVSKAIA, Professor I IAHS University of Uppsala Inst. of Geosciences, Hydro., Villvägen 16, Uppsala, S-75236, Sweden +46 42 33 10 60 +46 42 33 10 60 irina.gottschalk@hoganan.mail.telia.com	KRONER, Dr Corinna IAG Inst. Fur Geowissenschaften FSU Jena, Burgweg Ii, Jena, 07749, Germany 49 3641 948611 49 3641 948662 kroner@geo.uni-jena.de	KRUSE, Mr Lars Peter IAG GGL ETHZ HPPVH51, Eth Honggerberg, Zurich, 8093, Switzerland +41 1 633 36 15 +41 1 633 66 10 kruse@geod.ethz.ch	KUITTINEN, Professor R IAG Finnish Geodetic Institute Geodeetinrinne 2, Masala, 02430, Finland +358 9 29555 307 +358 9 29555 200
			KUKKONEN, Dr Ilmo IASPEI Geological Survey of Finland Po Box 96, Espoo, Fin-02151, Finland +358 205 502270 +358 205 5012 ILMO.KUKKONEN@6SF.FI

KULHANEK, Professor Ota IASPEI Uppsala University Department of Earth Sciences, Villav. 16, Uppsala, 75236, Sweden 0046 18 4711471 0046 18 501110 ota.kulhauek@seismo.uu.se	KUROISHI, Dr Yuki IAG Geographical Survey Institute Space Geodesy Laboratory, Geographical Survey Inst., 1 Kitasato, Tsukuba, 305 0811, Japan +81 298 64 5968 +81 298 64 2655 yuki@gsi-mc.go.jp	KUZNETSOV, PROFESSOR V. IASPEI Inst. of Geophysics Koptuyg Ave. 3, Novosibirsk, 630090, Russia (3832) 332816 (3832) 333432 kuz@uigm.nsc.ru	LABIB, Mrs Gozal IAG Survey Research Institute 308 Alharam St. Talbea, Giza, 12111, Egypt +202 586 7174 +202 586 7174
KULTIMA, Johannes IAGA Sodankyla Geophysical Observat Tahtelantie 112, Sodankyla, Fin-99600., Finland +358-16-619811 +358-16-619875 johannes.kultima@sgo.fi	KURTH, Dr William IAGA University of Iowa Dept. Physics & Astronomy, Iowa City, Ia, 52242, USA 319 335 1926 329 335 1753 william.kurthe@iowa.edu	KUZNETSOVA, Dr Tamara IAGA/IAMAS Izmiran Troitsk, Moscow Region, 142092, Russia 7 0953340921 7 0953340124 tkuz@izmiran.rssi.ru	LABITZKE, Professor Karin IAMAS Meteorological Institute Fv C.-H. Beckerwe 6 6-10, Berlin, 12165, Germany 49 30 838 7 1166 49 30 838 7 1167 labitzke@stat01.met.fu-berlin.de
KUMAGAI, Dr Hiroyuki IAVCEI U.S Geological Survey 345 Middlefield Road, MS910, Menlo Park, California, 94025, USA +1 650 329 4791 +1 650 329 5203 kumagai@seis.nagoya-u.ac.jp	KURZ, Mr Manfred IAMAS Deutscher Wetterdienst Frankfurter Strasse 135, Offenbach, D-63067, Germany +49 69 8062 2688 +49 69 8062 3687 istehr@dwd.d400.de	KVAERNA, Dr Tormod IASPEI NORSAR Granaveien 33, Kjeller, N-2007, Norway +47 63805900 +47 63818719 tormod@norsar.no	LACHLAN-COPE, Dr Tom British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221484 01223 362616 t.lachan-cope@bas.ac.uk
KUMAR, Dr Nuneendra IAG NAT. Imagery & Mapping Agency 4600 Sangamore Road, Bethesda, MDd, 20816 5003, USA 1 301 227 5551 1 301 227 2837 kumarm@nima.mil	KUSCHE, Dr Jurgen IAG University of Bonn, Germany Institute Theoretical Geodesy, Bonn, 53115, Germany +49228733578 +49228733029 kusche@uni-bonn.de	KVAMBEKK, Anund Sigurd NVE Nedre Frydendal 112, Asker, N-1384, Norway 22 95 93 12 aask@nve.no	LAEUFER, Miss Gwendolyn IAVCEI Darmstadt Univ. of Technology Institute of Physical Geodesy, Petersenstr.13, Darmstadt, D-64287, Germany ++49-6151-163765 ++49-6151-164916 laeuffer@geod.tu-darmstadt.de
KUNDZEWICZ, Profesor Z. IAHS Polish Acad. of Sciences Res.Cent.for for Agricult.&forest, Bukowska 19, Poznan, 60-809, Poland 004861-8-475 601 004861-8-473 668 zkundze@man.poznan.pl	KUSHNIR, Dr Yochanan IAMAS Columbia University Lamont Doherty Earth Observ., 61 Route 9w, Palisade, New York, 10960-8000, USA 001-914-365-8669 001-914-365-8736 kushnir@ldeo.columbia.edu	KWON, Mr Jay Hyoun IAG The Ohio State University Dept. of Civil & Environmental, 470 Hitchcock Hall, 2070 Ncil Ave., Columbus, 43210, USA 614 292 7365 kwon.28@ogu.edu	LAGERLOEF, DR GARY IAPSO Earth aAnd Space Research 1910 Fairview Ave E, Suite 102, Seattle, WA, 98102, USA 1 206 726 0501 1 206 726 0524 lagerloef@esr.org
KUNITAKE, Dr Manabu IAGA CRL 3601. Isozaki, Hitachinaka, 311-1202, Japan +81 29 265 9710 +81 29 265 9720 kunitake@crl.go.jp	KUSUNOKI, Dr Shoji IAMAS MET. Research Dept. , 1-1 Nagamine, Tsukuba, Ibaraki, 305 0052, Japan 81 298 53 8595 81 298 55 2552 skusunok@mri-jma.go.jp	KYLLING, Dr Arve IAMAS Norwegian Inst. Air Research P.O.BOX 100, Kseller, 2027, Norway +47 6389 8000 +47 6389 8050 ARVE.KYLLING@NILU.NO	LAGUN, Dr Victor IAMAS Arctic & Antarctic Res. Inst. 38 Bering Std, Saint-Peterburg, 199397, Russia +7 812 352 2950 +7 812 3522688 lagunn@agn.nu.zu
KUO, Dr Ban-Yuan IASPEI Inst Earth Siences , POB 1-55 Nankang, Taipei, Taiwan 00886-2-2783 9910 X 507 00886-2-2783 9871 byk@earth.sinica.edu.tw	KUTEPOV, Alexander IAMAS Inst. Astronomy & Astrophysics Scheinerstr.1, Munich, 81679, Germany 49 89 2180 6009 49 89 2180 6003 aak@usm.uni-mucnchin.de	LA ROCCA, Mario IAVCEI Universita' Di Salerno Via S. Allende, Baronissi, 84081, Italy +39 089 965239 +39 089 953804 larocca@axpgeo.phys.unisa.it	LAHOZ, Dr William IAMAS University of Reading Department of Meteorology, Reading, RSG 6BB, UK +441189875123ext7548 +441189318316 walemet.reading.ac.uk
KUO, Ms Chaincy IASPEI University of California UCC Berkeley Seismological Lab., 215 McCone Hall, Berkeley, California, 94720, USA 010 1 510 486 0772 010 1 510 643 5811 chaincy@seismo.berkeley.edu	KUTTERER, Dr Hansjoerg IAG University of Karlsruhe Geodetic Institute, Kaiserstrasse 12, Karlsruhe, 76128, Germany 0049-721-608-2309 0049-721-694552 kutterer@gik.uni-karlsruhe.de	LA VOLPE, Professor Luigi IAVCEI University Bari Dip. Geomineralogico, Vua E. Orabona, 4, Bari, 70125, Italy +390 805 442589 +309 805 442591 lavolpe@tin.it	LAKHINA, Gurbax Singh IAGA Indian Inst. of Geomagnetism Dr Nanabhai Moos Marg, Colaba, Mumbai, 400005, India 91 22 215 0293 91 22 218 9568 lakhina@iig.iigm.res.in
KURGANISKY, Dr Michael IAGA Russian Academy of Sciences Inst. of Atmospheric Physics, Pyzhevsky 3, Moscow, 109017, Russia 007 095 951 0480 007 095 953 1652 kurgansk@omega.ifaran.ru	KUTZNER, Mr Carsten IAGA Institut Für Geophysik , Herzberger Landstrasse 180, Göttingen, 37075, Germany 49 551 397 467 49 551 397 459 carsten@willi.uni-geophys.gwpg.de	LABAK, Dr Peter IASPEI Slovak Academy of Sciences Geophysical Institute, Dubravska Cesta 9, Bratislava, 842 28, Slovak Republic 00421-7-5941 2123 00421-7-5477 5278 geopfela@savba.sk	LAMB, Dr Rob IAHS Institute of Hydrology Wallingford, Oxon, OX10 8BB, UK 01491 838800 01491 692424
KURIHARA, Dr Yoshio IAMAS Frontier Res. Global Change Sumitomo-Hamamatsucho Bldg 4f, 1-18-16 Hamamatsucho, Minato-Ku, Tokyo, 105-0013, Japan +81 3 5404 7859 +81 3 5405 4150 ykuri@frontier.esto.or.jp	KUZANYAN, Dr Kirill IAGA Izmiran Solar-Terr. Dept., Troitsk, Moscow Region, 142092, Russia 007 095 151 4589 007 095 334 0124 kuzanyan@dntm.ru	LABENDZ, Mr Daniel IAGA University of Goettingen Institute of Geophysics, Herzberger Landstrasse 180, Goettingen, 37075, Germany +49 551 39 7469 +49 551 39 7459 dan@willi.uni-geophys.gwdg.de	LAMBECK, Professor Kurt SEDI Australian National University Research School of Earth Sci., Canberra Act, 0200, Australia +61 2 62495161 +61 2 62495443 kurt.lambeck@anw.edu.au

LANDER, Mr James UNION University of Colorado Cires, Campus Box 449, Boulder, Colorado, 80309, USA 1 303 497 6446 1 303 497 6513 jfl@ngdc.noaa.gov	LANGFORD, Dr Andrew IAMAS NOAA Aeronomy Laboratory 325 S. Broadway, R/E/A16, Boulder, Colorado, 80303, USA 303 497 3115 303 497 5373 langford@al.noaa.gov	LASTOVICKA, Dr Jan IAGA Inst. of Atmospheric Physics Bocni li, Prague 4, 141 31, Czech Republic 420 2 67103055 420 2 71762528 jla@ufa.cas.cz	LAZZARA, Mr Matthew IAMAS University of Wisconsin Dept. of Atmos. & Oceanic Sci., 1225 West Dayton Street, Madison, Wisconsin, 53706, USA 608 262 0780 608 262 5974 mattl@ssec.wisc.edu
LANDIS, Mr Robert UNION World Met. Organisation World Weather Watch Dept., CP 2300, Geneva 2, CH-1211, Switzerland +41 22 730 8221 +41 22 730 8012 landis@www.wmo.ch	LANGLAIS, Mr Benoit IAGA IPGP Department of Geomagnetism, 4 Place Jussieu B89 Tour 24, Paris, 75252, France 33 1 44 27 2405 33 1 44 27 73 langlai@ipgp.jussieu.fr	LAVENDER, Dr Samantha IAPSO CCMScms Plymouth Marine Lab. Remote Sensing Group, Prospect Place, West Hoe, Plymouth, PL71 3DH, UK 01752 633151 01752 633101 sajh@ccms.ac.uk	LE CLAINCHE, Mr Yvonnick IAMAS LSCE Cea Cen Saclay, Orme Des Merisiers, Gif Sur Yvette, 91191, France 33 1 69 08 71 22 33 1 69 08 77 16 leclain@lsce.saclay.cea.fr
LANDWEHR, Dr Jurate IAHS USGS National Center 431, 12201 Sunrise Valley Drive, Reston, VA, 20192, USA (01) 703 648 5893 (01) 703 648 5274 jmlandwe@usgs.gov	LANGLEY, Miss Kirsty IAVCEI University of Iceland Hofsvallagata 53, 107, Reykjavik, Iceland kirst@raunvis.hi.is	LAVOIE, Ms Diane IAPSO Maurice-Lamontagne Institute C.P. 1000, 850 Route De La Mer, Mont-Joli, Quebec, G5H 3Z4, Canada +1 418 775 0763 +1 418 775 0542 lavoied@dfm-mpo.gc.ca	LE COCQ, Mrs Catherine IAG Stanford University Slac, Ms21 P.O. Box 4349, USA 650 926 2335 650 926 4055 lecocq@slac.stanford.edu
LANE, Dr Stephen Lancaster University Lancaster, Lancashire, UK	LANGLEY, Professor R IAG University of New Brunswick , P.O. Box 4400, Fredericton, N.B., E3B5 5A3, Canada 001-506-453-5142 001-506-453-4943 lang@unb.ca	LAW, Dr Kathy IAMAS University of Cambridge Department of Chemistry, Cambridge, CB2 1EW, UK 01223 336518 01223 336362 kathy@ctm.ch.cam.ac.uk	LE MOUËL, Professor J L IAGA Inst. De Physique Du Globe 4 Place Jussieu, Case 89 - Tour 24, Paris 5e, 75252, France 0033-1-4427 3904 0033-1-4427 3777 lemouel@ipgp.jussieu.fr
LANE, TODD IAMAS Monash University Meteorology Crc/Dep of Maths, Wellington Road, Clayton, Victoria, 3168, Australia +61 3 9905 4504 +61 3 9905 3870 tpl@vortex.shm.monash.edu.au	LANOTTE, Dr Roberto IAG Centro Di Geodesia Spaziale Casella Postale Aperta, Matera, 75100, Italy +33 835 377 238 +33 835 334 951 lanotte@asi.it	LAW, Mr Frank British Hydrological Society Maclean Building, Crowmarsh Gifford, Wallingford, Oxon, OX10 8BB, UK 01491 692212 01419 692430 f.law@ioh.ac.uk	LE PROVOST, Dr Christian IAPSO LEGOS/GRGS UMR 5566 Cnes-Ups-Cnrs, 14 Avenue E. Belin, Toulouse, 31400, France 0033 5 61 3329 23 0033561253205 christian.le-provost@cnes.fr
LANE-SERFF, Dr Gregory IAPSO University of Southampton School of Ocean & Earth Sci., Southampton Oceanography Cent., Southampton, Hampshire, SO1A 3ZH, UK 01703 593275 01703 593059 gfl@soton.ac.uk	LAOCHU, Mr Preecha IAGA Dept. of Mineral Resources Geophysics Section, Economic, Geology Division, Rama Vi Rd, Rachathavee, Bangkok, 10400, Thailand 662 202 3875 662 202 3876 preecha@dmr.go.th	LAWFORD, Rick IAHS NOAA NOAA Office of Global Programs, Suite 1210, 1100 Wayne Ave., Silver Spring, Maryland, 20910, USA 301 427 2089 EXT 146 301 427 2073 lawford@agp.noaa.gov	LE TREUT, Herve IAMAS CNRS/LMD France 24 Rue Lhomond, Ledex 05, Paris, 75231, France +33 1 4427 8406 +33 1 4427 6272 letreut@lmd.jussieu.fr
LANG, Professor Herbert IAHS Swiss Federal Inst. of Tech. Dept. of Geography & Hydrology, Winterthurer Street 190, Zurich, 8057, Switzerland 0041 1 6355230 0041 1 3625197 lang@geo.umnw.ethz.ch	LAPRISE, Professor Rene IAMAS Univ. Du Quebec A Montreal Dept. Des Sciences De La Terre, Montreal, Quebec, H3C 3P8, Canada 514 987 3000 EXT 3302 lapries.rene@uqam.ca	LAWRENCE, Dr Bryan University of Canterbury Dept. of Physics & Astronomy, Private Bag 4800, Christchurch, New Zealand +64 3 3642281 +64 3 3642469 b.lawrence@phys.canterbury.ac.nz	LE, Professor Kentang IAPSO Institute of Oceanology, Cas 7 Nanhai Road, Qingdai, 266071, China
LANGBEIN, Dr Irmgard IAMAS Universitaet Karlsruhe IMKmk forschungszentrum, Postfach 3640, Karlsruhe, D-76021, GERMANY 0049 7247 826027 irmgard.langbein@imk.fzk.de	LARKIN, Miss Alice Imperial College Univ. London Spat, Level 7, Huxley Building, Prince Consort Road, London, SW7 2AX, UK 0171 594 7896 0171 594 7900 a.larkin@ic.ac.uk	LAXON, Dr Seymour IAG University College London 17 Gordon Street, London, WC1H 0AH, UK 0171 419 3932 0171 419 3418 swl@mssl.ucl.ac.uk	LEAITCH, Dr W Richard IAMAS Environment Canada Atmospheric Environment Serv., ARMP/Prmp/ 4905 Dufferin Street, Downsview, Ontario, M3H 5T4, CANADA 416 739 4616 416 739 4211 richard.leaitch@ec.gc.ca
LANGE, Mr Jens IAHS University of Freiburg Institute of Hydrology, Fahrenbergplatz, Freiburg, 79098, Germany +49 761 203 3546 +49 761 203 3594 jlange@uni-freiburg.de	LARSEN, Dr Tine IASPEI KMS Geodynamics Department, Rentemestervej 8, Copenhagen, DK-2400NV, Denmark +45 3587 5086 +45 3587 5052 tbl@kms.dk	LAZARO, Ms Clara UNION Centro De Geodesia Instituto De Investigacao, Cientifica Tropical, Rua Da Junqueira, 534, LISBOA, 1300, Portugal +351 1 3631 862 +351 1 3641 947 lazaro.clara@mail.telepac.pt	LEAN, Dr Humphrey UK Met. Office JCOMM, University of Reading, Reading, Berkshire, RG6 6BB, UK 0118 931 6624 0118 931 8791 hwlean@meto.gov.uk
LANGEREIS, Professor C IAGA Utrecht University Paleomag. Lab. fort Hoofdijk, Budapestlaan 17, Utrecht, 3584 CDD, The Netherlands langer@geo.uu.nl	LASKOWNICKA, Miss Anna IASPEI Univ. of Mining And Metallurgy Dept. of Geophysics, Al. Mickiewicza 30, Krakow, 30 059, Poland (+48) 012 6172358 anial@geolog.agh.edu.pl		LEAT, Dr Philip IAVCEI British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221400 01223 362616 p.leat@bas.ac.uk

LEAVESLEY, Dr George U.S. Geological Survey Box 25046, MS 412, DFC, Denver, Colorado, 80225, USA 1 303 236 50 26 1 303 236 50 34 george@usgs.gov	IAHS	LEFEBVRE, Bertrand LPCE / CNRS 3a Avenue De La Rech. Scient., Orleans, 45071, France +33 238 255275 +33 238 631234 lefebvre@cnrns-orleans.fr	IAGA	LERNER, Professor David University of Sheffield Dept. of Civil & Struct. Eng., Sir Frederick Mappin Building, Mappin Street, Sheffield, S1 3JD, UK 0114 222 5743 0114 222 5701 d.n.lerner@sheffield.ac.uk	IAHS	LEVITUS, Mr Sydney NODC/NOAA E/OC5, 1315 East West Highway, Silver Spring, Maryland, 20910, USA 301 713 3294 301 713 3303 slevitus@nodc.noaa.gov	IAPSO
LEE, Dr Teh-Quei Academia Sinica Institute of Earth Sciences, P.O. Box 1-55, Nankang, Taipei, 11529, Taiwan 00886-2-2783 9910 ext 426 00886-2-2783 9871 tqlee@earth.sinica.edu.tw	IAGA	LEGRESY, Dr Benoit CNES GRGS, 18 Ave., E.Belin, 31401, France 33561332956 33561253205 benoit.legresy@cnes.fr		LESAGE, Dr Philippe University of Savoie LGIT, Le Bourget Du Lac, F-73376, France (33) 479758486 (33) 479758742 lesage@univ-savoie.fr		LEVSHIN, Dr Anatoli University of Colorado Dept. Physics/Gamow Geo. Lab., Campus Box 390, Boulder, CO, 80309, USA 303-492-5912 303-492-7935 levshin@lemond.colorado.edu	
LEE, Dr Willie 862 Richardson Court, PALO ALTO, CA, 94303, USA 1 650 494 3341 1 650 858 2599 whklee@ix.netcom.com	IASPEI	LEIBUNDGUT, Professor C University of Freiburg Institute of Hydrology, Fahnenbergplatz, Freiburg, D-79098, Germany ++761 203 3531 ++761 203 3594 chrisle@ruf.uni-freiburg.de	IAHS	LESCINSKY, Dr David Arizona State University Department of Geology, Box 871404, Tempe, AZ, 85287-1404, USA 1 602 965 0828 1 602 965 8102 lescinsky@asu.edu	IAVCEI	LEWANDOWSKI, Marek KS. Janusza 64, Warszawa (Warsaw), 01-452, Poland +48 22 691 57 64 lemar@igf.edu.pl	IAGA
LEE, Mr Jae-Young Napier University 17/53 John's Place, Edinburgh, EH6 7EN, UK 0131 45532350 0131 455 2291 j.lee@napier.ac.uk	IAPSO	LEMAIRE, Professor Joseph IASB & UCL 3 Ave Circulaire, Brussels, B-1180, Belgium 32 2 3730407 je@oma.be	IAGA	LESKE, Dr Richard California Inst. of Technology Mail Code 220-47, Pasadena, California, 91125, USA 626 395 8400 626 449 8676 ral@srl.caltech.edu	IAGA	LEWIS, Dr Trevor Geological Survey of Canada 1107 Maple Road, Sidney, B.C., V8L 5Pp5, Canada 250 655 2949 250 655 2948 sgc_ltd@bc.sympatico.ca	IASPEI
LEE, Mr Robert NASA Langley Research Center 18 Pirates Cove, Hampton, Virginia, 23669, USA 757 864 5679 757 864 7996 r.b.lee@larc.nasa.gov		LEMASURIER, Professor W University of Colorado Dept of Geology, C.B. 172, P.O. Box 173364, Denver, Colorado, 80217-3364, USA 303-556-2681 303-556-6197 wlemasur@carbon.cudenver.edu	IAVCEI	LESTER, Mr Mark Leicester University University Road, Leicester, LE2 7RH, UK 0116 252 2400		LEWIS, Mr Gregory University of British Columbia Crisis Points Group, 121-1984 Mathematics RD., Vancouver, BC, V6T 2C2, Canada 604 732 8969 604 822 0550 lewis@math.ubc.ca	
LEE, Professor Dong-Hun Kyung Hee University Dept of Astronomy & Space SCI., Yongin, Kyunggi, 449-701, KOREA +82 331 201 2449 +82 331 204 7082 dhlee@nms.kyunghee.ac.kr	IAGA	LEMOINE, Dr Frank NASA'S G.S.F.C Code 926, Greenbelt, MD, 20771, USA 1-301-286-2460 1-301-286-1760 flemoie@olympus.gsfc.nasagov	IAG	LESUR, Dr Vincent Leeds University School of Earth Sciences, Leeds, LS2 9JT, UK 0113 233 5203 0113 233 5259 lesur@earth.leeds.ac.uk	IAGA	L'HEVEDER, Milss Blandine LODYC Tour 14, 2eme Etage, UPMcPMC, 4 Place Jussieu, Paris, 75005, France 01 44 27 47 65# blh@lodyc.jussieu.fr	IAPSO
LEE, Professor Lou-Chuang National Cheng Kung University Dept. of Physics, Tainan, 701, Taiwan 886 6 2757575 EXT. 65001 886 6 2378377 loulee@plasma.phip.ncku.edu.tw	IAGA	LEMOINE, Jean-Michel CNES 18 Avenue Edouard Belin, Toulouse, France +33 5 61 33 29 73 Jean-Michel.Lemoine@cnes.fr	IAG	LEULIETTE, Dr Eric University of Texas At Austin Center for Space Research, 3925 W Braker Lane Suite 200, Austin, TX, 78759-5321, USA 512 471 6664 512 471 3570 leuliette@csr.utexas.ed	IAG	LI, Dr Jianping Inst. of Atmospheric Physics Chinese Academy of Sciences, Beijing, 100029, China +86 010 62043430 211 ljpl@lasgsg4.iap.ac.cn	IAMAS
LEER, Professor Egil University of Oslo Inst. Theoretical Astrophysics, PO BOA 1029, Oslo, 0316, Norway 0047-22-85-65-03 0047-22-85-65-05 egil.leer@astro.uio.no	IAGA	LENNARTSSON, Dr O. Walter Lockheed Martin ORG. H1-11, Bldg. 255, 3251 Hanover Street, PALO Alto, California, 94304-1191, USA +1 650 424 3259 +1 650 424 3333 lenn@spasci.com	IAGA	LEUNG, Dr L Ruby Pacific Northwest National Lab P.O. BOX 999, Richland, Washington, 99352, USA 1 509 372 6182 1 509 372 6168 ruby.ieung@pnl.gov	IAMAS	LI, Dr Weiping Chinese Academy of Sciences Inst. of Atmospheric Physics, Beijing, 100029, China 086 10 62043356 086 10 62043526 lwp@lasgsg4.iap.ac.cn	IAMAS
LEES, Dr Matthew Imperial College of Science Technological & Medicine, Civil & Envir. Engineer. Dept., Imperial College Road, London, SW7 2BU, UK 0171 594 6019 0171 594 6124 m.lees@ic.ac.uk	IAHS	LEONARD, Mr Mark UK		LEVIN, Professor Boris Oceanology Inst. of Ras Russ. Foundation Basic Research, 32 A Leninsky Prospekt, Moscow, 117334, Russia 0049-7-095-938-1795 0049-7-095-938-1931 levin@rfbr.ru	IASPEI	LI, Dr Xinlin University of Colorado CBb 590, Lasp, Boulder, Colorado, 80303, USA +1 303 402 4831 +1 303 492 6444	IAGA
LEES, Professor Jonathan Yale University Dept. Geology & Geophysics, P.O. 208109, New Haven, Connecticut, 06520 8109, USA (203) 432 6947 (203) 432 3134 lees@hess.geology.yale.edu	IASPEI	LEPIDI, Dr Stefania Universita'di L'aquila Dipartimento Di Fisica, Via Vetoio 10 Coppito, L'aquila, 67010, Italy 0039 0862 433708 0039 0862 433033 stefania.lepidi@aquila.infn.it	IAGA	LEVIS, Dr Samuel CPEP/NCAR P.O.Box 3000, Boulder, Colorado, 80307 300, USA 303 497 1627 303 497 1324 slevis@ucar.edu	IAMAS	LI, Dr Zheng-Xin Shanghai Astronomical Observ. 80 Nandan Road, Shanghai, 200030, China 86 21 64386191 86 21 64384618 lzx@center.shao.ac.cn	IAG

LI, Jiancheng Wuhan Tech. University 129 Luoyu Road, Wuhan, 430079, China 86 27 87876495 jcli@wtusm.edu.cn	IAG	LI, Professor Tim University of Hawaii Department of Meteorology, 2525 Correa Road, Hig, Honolulu, Hawaii, 96822, USA 808-956-9427 808-956-9425 li@soest.hawaii.edu	LINDNER, Dr Klaus Universität Karlsruhe Geodaetisches Institut, Engler Str. 7, Karlsruhe, D-76128, Germany 0049 0721 6084129 0049 0721 694552 lindner@gik.uni-karlsruhe.de	LIST, Professor Roland University of Toronto Department of Physics, Toronto, M5S 1A7, Canada 416 978 2987 416 978 8905 list@atmosph.physics.utoronto.ca	IAMAS
LI, Miss Li China Seismological Bureau Center for Analysis & Predict, 63 Fuxing Avenue, Beijing, 100036, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	IASPEI	LI, Professor Yanxing China Seismological Bureau Crustal Deformation Monitoring, 7 Yihaoqiao Naihuolu, Hedong, Tianjin, 300180, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	LINDSAY, Mrs Cara University of East London Applied Geodesy Research Unit, School of Surveying, Longbridge Road, Dagenham, RM8 2AS, UK 01208 2233000 EXT.2577 01208 8493618 c.l.wilson@uel.ac.uk	LISTANCO, Dr Eddie University of The Philippines National Inst. Geol. Sciences, Up Campus, Diliman, Quezon City, 1101, Philippines 632 929 6047 632 929 6047 edlist@hotmail.com	IAVCEI
LI, Mr Hui China Seismological Bureau Wuhan Institute of Seismology, Wuchang Xiaohongshan, Wuhan, Hubei Province, 430071, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	IASPEI	LICHNER, Dr Lubomir Institute of Hydrology Slovak Academy of Sciences, Racianska 75, POo Box 94, Bratislava, 83811, Slovak REPUBLIC 421 7 49268227 421 7 44259404 lichner@uh.savba.sk	LINDSAY, Ms Jan Marie GFZ Potsdam Telegrafenberg B124, Potsdam, 14473, Germany 0331 288 14 68 0331 288 14 74 kiwi@gfz-potsdam.de	LISTER, Dr John University of Cambridge D.A.M.T.P., Silver Street, Cambridge, CB3 9EW, UK 01223 330888 01223 337918 lister@esc.cam.ac.uk	IAGA
LI, Mr Shuhua Monash University Meteorology CRCrc, Clayton, Victoria, 3168, Australia +61 3 99059672 +61 3 99059689 sli@vortex.shm.monash.edu.au	IAMAS	LIDBERG, Mr Martin National Land Survey SE-80182, Gavle, SE-80182, Sweden 46 26 63 38 42 46 26 61 06 76 martin-lidberg@lm.se	LINDSTROM, Mr Goran SMHI Norrköping, 60176, Sweden 46114958000 46114958001 goran.lindstorm@smhi.se	LITHGOW-BRETELLONI, Dr C. University of Michigan Dept. of Geo. Sciences, 425 E. University of Michigan, Ann Arbor, Michigan, 48104, USA 001 734 647 9938 001 734 763 4690	IASPEI
LI, Mr Xiaoming Yunnan Observatory Chinese Academy of Sciences, Kunming, 650011, China 86 871 3840 427 86 871 3911 845	IASPEI	LIEBSCH, Dr Gunter Tu Dresden Inst. Für Planetare Geodäsie, D-01062, Dresden, 01062, Germany 49 351 4633045 49 351 4637063 liebsch@ipg.geo.tu-dresden.de	LINK, Hans-Peter By/S@T Net Ag Meghnger Street 37, Munchen, D-81477, Germany +49 8974 879389 +49 8974 879379 bysatnetag@f-online.de	LITTLEWOOD, Dr Ian Inst. of Hydrology Wallingford, Oxon, OX10 8BB, UK 01491 838800	IAHS
LI, Mr Yuguo Institute of Geophysics University Goettingen, Herzberger Landstrasse 180, Goettingen, 37075, Germany +49 551 397469 +49 551 397459 yli@willi.uni-geophys.gwdg.de	IAGA	LILJEGREN, Dr James Ames Lab./Iowa State Univ. Center-Nondestructive Eval., 1915 Scholl Road, Ames, IOWA, 50011, USA 515 294 8428 515 294 7771 liljegen@ameslab.gov	LINKER, Dr Jon Science Applications Int.Corp. 10260 Campus Point Drive, San Diego, California, 92121, USA 001-619-535 7820 001-619-546 6261 linker@iris023.salc.com	LITTON WSI 22-24 Victoria Street, Birmingham, B1 3PE, UK +44 (0) 121 604 3003 +44 (0) 121 236 0537 iainr@wsi europe.com	IASPEI
LI, Professor Chongyin Chinese Academy of Sciences Lasg, Inst. of Atmospheric Physics, De Sheng Men Wai, Beijing, 100029, China +86 10 62043455 EXT.202 +86 10 62043526 lcy@lasgsgj4.iap.ac.cn	IAMAS	LIN, Dr Hong Atmos. Environment Service Amp, 4905 Dufferin Street, Downsview, Ontario, M3h 5t4, Canada 416 739 4917 416 739 4211 hong.lin@ec.gc.ca	LINSTEAD, Conor Institute of Hydrology Wallingford, Oxon, OX10 8BB, UK 01491 692 465 01491 692 424 c.linstead@ioh.ac.uk	LITVIN, Professor Yuriy IEM Russian Academy of Science, Chernogolovka, Moscow District, 142432, Russia 7 096 524 8778 7 096 524 6205 litvin@iem.ac.uk	IASPEI
LI, Professor Fei Wuhan Tech. University Surveying & Mapping, 129 Xuoyan Road, Wuhan, 430079, China fli@wtusm.edu.cn	IAG	LIN, Dr Naiguo University of Minnesota School of Physics & Astronomy, 116 Church Street S.E., Minneapolis, Minnesota, 55455, USA 612 626 1691 612 626 2029 lin@waves.space.umn.edu	LINTHE, Dr Hans-Joachim GFZ Potsdam Adolf-Schmidt Observatory, Lidenstr.7, Niemege, D-14823, GERMANY +49-33843-62414 +49-33843-62423 linthe@gfz-potsdam.de	LITVINENKO, Dr Yuri University of New Hampshire Space Sci. Center, Morse Hall, 39 College Road, Durham, NH, 03824-3525, USA 1 603 862 4710 1 603 862 1915 yuri.litvinenko@unh.edu	IAGA
LI, Professor Qinghe China Seismological Bureau Lanzhou Inst of Seismology, 410 Donggang Xilu, Lanzhou, 730000, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	IASPEI	LIN, Mian Chinese Academy of Sciences Inst. of Geophysics, P.O. Box 9701, Beijing, 100101, China 0086 10 6488 9026 0086 10 6487 1995 bchuang@mail.c-geos.ac.cn	LIU, Chi-Sann Naval Research Laboratory 7 Grace Hopper Avenue, Monterey, SA, 93843 5502, USA 831 656 4735 831 656 4709 liun@nrlmry.navy.mil	LIU, Dr Enru British Geological Survey Murchison House, West Mains Road, Edinburgh, EH9 3LA, UK 0131 667 1000 0131 667 1877 e.liu@bgs.ac.uk	IAGA/IASPEI
LI, Professor Shiyu China Seismological Bureau Institute of Geophysics, 5 Minzuxueyuan Nanlu, Beijing, 100081, China +86 10 8801 5514 +86 10 681 0995 wangzq@cap.ac.cn	IASPEI	LINDHOLM, Mr Conrad NORSAR Box 51, Kjeller, 2027, Norway 47 638 05935 47 638 19719 conrad@norsar.no	LISCHEID, Dr Gunnar Bitok University of Bayreuth Dr.-Hans-Frisch-Str.1-3, Bayreuth, D-95440, GERMANY #49 921 555632 #49 921 555799 gunnar.lischeid@bitok.uni- bayreuth.de	LIU, Dr Han-Li HAO/NCAR PO Box 3000, Boulder, Colorado, 80307-3000, USA +303 497 1564 +303 497 1589 liuh@ucar.edu	IAMAS

LIU, Dr Lin-Gun Institute of Earth Sciences Academia Sinica, Nankang, Taipei, 115, Taiwan 886 2 2783 9910 886 2 2783 9871	IASPEI	LIU, Professor Jingnan Wuhan Tech. University Surveying & Mapping, 129 Luoyu, Wuhan, 430079, China +86 27 8788 4050 juliu@mp8278.wtusm.edu.cn	IAG	LOFGREN, Dr Brent NOAA GT Lakes Environment Res. Lab., 2205 Commonwealth Blvd., Ann Arbor, MI, 48105-2945, USA 1 734 741 2383 1 734 741 2055 lofgren@glert.noaa.gov	IAMAS	LOPEZ, Mr Philippe Météo France CNRM/GMME, 42 Avenue G. Coriolis, Toulouse Cedex 1, 31057, France +33 5 61 07 97 02 +33 5 61 07 96 26 lopez@cnrm.meteo.fr	
LIU, Dr Ping Chinese Academy of Sciences Inst. of Atmospheric Physics, Beijing, 100029, China 086 10 62043356 086 10 62043526 liup@lasgsj4.iap.ac.cn	IAMAS	LIU, Professor Ruiyuan Polar Research Inst. of China 451 Shangchuan Road, Shanghai, 200129, China +86 21 58711801-250 +86 21 58711663 pric@stn.sh.cn	IAGA	LOGNONNE, Professor P IPGP 4 Avenue De Neptune, Saint Maur Cedex, 94107, France 0033 1 45 11 42 51 0033 1 45 11 42 57 lognonne@ipgp.jussieu.fr	IASPEI	LOPEZ-LOERA, Dr Hector UNAM Instituto De Geofisica, Ciudad Universitaria, Mexico City, Mexico	
LIU, Dr Quanwei The Hong Kong Polytechnic Univ Dept. Surveying & Geoinform., Hunguhw Kowloon, , Hong Kong	IAG	LIU, Professor Saijun China Seismological Bureau Hainan Province, 42 Bailong Nanlu., Haikou, Hainan Province, 570203, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	IASPEI	LOHMANN, Dag NCEP/EMC WINPZ WWBG, 5200 Auth Road, Room 202, Suitland, Maryland, 20746 4304, USA 301 763800 X7278 301 763 8545 dlohmann@ncep.noaa.gov	IAHS*	LORENZ, Dr Frank Paul University of Karlsruhe Geophysical Institute, Hertzstr. 16, Karlsruhe, 76187, Germany +49-729-6084545 +49-721-71173 frank.lorenz@phys.uni-karlsruhe.de	IASPEI
LIU, Dr Ruifeng China Seismological Bureau Institute of Geophysics, 5 Minzuxuenyuan Nanlu, Beijing, 100081, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	IASPEI	LLEWELLIN, Mr Edward Bristol University Department of Earth Sciences, Wills Memorial Building, Bristol, BS8 1RJ, UK 0117 9545244 0117 9253385 ed.llewellin@bris.ac.uk	IAVCEI	LOHMANN, Dr Ulrike Dalhousie University Dept. of Physics, Halifax, B3H 3J5, Canada 1 902 494 2324 1 902 494 5191 ulrike.lohmann@dal.ca	IAMAS	LOTT, Dr Francois LMD/CNRS UPMC Paris 6/Case Courrier 6, 4, Place Jussieu, Paris Cedex 05, 75252, France 00 33 1 44 27 73 52 00 33 1 44 27 62 72 flott@lmd.jussieu.fr	IAMAS
LIU, Dr Suxia Chinese Academy of Sciences Inst. of Geography, Dept of Hydrology, Beijing, 100101, China 86 10 6488 9288 86 10 6491 1844 liusx@sun.ihep.ac.cn	IAHS	LLIFFE, Dr Jonathan University College London Dept of Geomatic Engineering, Gower Street, London, WC1E 6BT, UK 0171 504 2733 0171 380 0453 jilliffe@ge.ucl.ac.uk	IAG	LOMAX, Dr Anthony Geosciences Azur 250 Rue Albert Einstein, Bat 24, Valbonne, 06560, France +33(0) 492 94 26 25 +33(0) 492 94 26 10 lomax@faillie.unice.fr	IASPEI	LOUDEN, Dr Keith Dalhousie University Dept. of Oceanography, Halifax, Nova Scotia, B3H 4J1, Canada 1 902 494 3452 1 902 494 3877 keith.louden@dal.ca	IASPEI
LIU, Dr Yimin Chinese Academy of Sciences Inst. of Atmospheric Physics, Beijing, 100029, China 086 10 62043356 086 10 62043526 lym@lasgsj4.iap.ac.cn	IAMAS	LLOYD, Dr Geoffrey University of Leeds School of Earth Sciences, Leeds, W. Yorkshire, LS2 9JT, UK 0113 233 5209 0113 233 5259 g.lloyd@earth.leeds.ac.uk		LONDON, Professor Steven University of Houston-Downtown Dept. of Comp/Maths Sciences, One Main Street, Houston, Texas, 77002, USA 001-713-221 8122 001-713-221 8086 londons@zeus.dt.uh.edu	IAGA	LOUTRE, Dr Marie-France Univ. Catholique De Louvain Inst. D'astronomie & Geophys., 2, Chemin Du Cyclotron, Louvain-La- Neuve, 1348, Belgium 32 10 473297 32 10 474722 loutre@astr.ucl.ac.be	IAMAS
LIU, Mr Cheng-Chien Imperial College Oceanography Laboratory, Room 1.08a In Rsm Building, London, SW7 2BP, UK +44 (0)171 59 47404 +44 (0)171 59 47444 c.c.liu@ic.ac.uk	IAPSO	LOBIANCO, Mrs M.C. IBGE DGC/DEGED AV Brasil 15671, Parada De Lucas, Rio De Janeiro, 21 241 051, BRAZIL 55 21 482 8217 55 21 481 2747 lobianco@ibge.gov.br	IAG	LONG, Dr Charles Pennsylvania State University , Pennsylvania, USA 814 865 3663 long@escf.psu.edu	IAMAS	LOUVARI, Eleni Aristotle University Geophysical Laboratory, P.O. Box 352, Thessaloniki, GR 5400 G, Greece 0033 1998534 louvvari@lemnos.geo.auth.gr	IASPEI
LIU, Mr Xu China Seismological Bureau Lanzhou Inst of Seismology, 410 Dongnang Xilu, Lanzhou, Gansu Province, 730000, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	IASPEI	LOCK, Dr Adrian UK Meteorological Office London Road, Bracknell, Berks, RG12 2SZ, UK 01344 856457 01344 854493 aplock@meto.gov.uk	IAMAS	LONG, Dr Zhenxia Chinese Academy of Sciences Lasg. Inst. of Atmospheric Physics, De Shen Men Wai, Beijing, 100029, China +86 10 62043455(EXT 203) +86 10 62043526 lxz@lasgsj4.iap.ac.cn	IAMAS	LOVEJOY, Professor Shaun McGill University Physics Dept., 3600 University Street, Montreal, Quebec, H3A 2T8, Canada 1 514 398 6537 1 514 398 8434 lovejoy@physics.mcgill.ca	UNION
LIU, Professor Chao Han National Central University Office of the President, Chung Li, Taiwan 886 3 425 4822 886 3 425 4842 chliu@cc.ncu.edu.tw	IAGA	LOCKWOOD, Professor M RAL Chilton, Didcot, OX11 ODO, UK 01235 446496 01235 445848 m.lockwood@rl.ac.uk	IAGA	LONG, Mr James Alliedsignal Tech. Serv. Corp. 7515 Mission Drive, GCP, Nasa Slr, Lanham, MD, 20706, USA 1 301 805 3977 1 301 805 3974 longj@thorin.atssc.allied.com	IAG	LOWE, Mr David Univ. of California/San Diego Scripps Inst. of Oceanography, 9500 Gilman Drive/ MC 0225, LA Jolla, California, CA 92037, USA 001 619 534 82 90 001 619 534 53 32 dlowe@mahi.ucsd.edu	IAGA
LIU, Professor Guanding Institute of Geophysics, Cas 3 Fuxing Road, Beijing, 100864, China 8610 6203 1886 8610 6857 1897 cast@public.bta.net.cn	IASPEI	LOEHNER, Mr Ulrich Meteorological Institute University of Bonn, Auf Dem Huegel 20, Bonn, 53121, Germany 0228 73 5104 0228 73 5188 uoeh@uni-bonn.de	IAMAS	LOPER, Professor David Florida State University GFDL-4360, Tallahassee, Florida, 32306, USA 850 644 6467 850 644 8972 loper@gfdl.fsu.edu	UNION	LOWE, Mr Robert Astronomy Unit, QMW Astronomy Unit., Queen Mary & Westfield, London, E1 4NS, UK 0171 790 4337 r.lowe@gmw.ac.uk	IAGA

LOWES, Dr Frank IAGA University of Newcastle Physics Department, Newcastle Upon Tyne, NE1 7RU, UK 0191-2227413 0191-2227361 f.j.lowes@ncl.ac.uk	LUHMANN, Dr Janet IAGA University of California Space Sciences Laboratory, Centennial Dr at Grizzly Peak, Berkeley, CA, 94720, USA 510-642-2542 510-643-8302 jgluhman@ssl.berkeley.edu	LUO, Dr Zhicai IAG Hong Kong Polytechnic Univ. Hong Kong	LYNCH, Mr Lloyd University of The West Indies , St. Augustine, Trinidad +868 662 4659 +868 663 9293 llynch@lstt.net.tt
LOZOVATSKY, Professor I. IAPSO Arizona State University P.P Shirshov Inst. of Ocean., 19/15 Oleka Dundich Str. Apt14, Moscow, 121096, Russia 7 095 148 7761 7 095 124 5983 jlozovat@sovam.com (or i.lozovatsky@asu.edu)	LÜHR, Professor Hermann IAGA Geoforschungszentrum Potsdam Telegrafenberg, Potsdam, D-14473, Germany +49 331 288 1735 +49 331 288 1732 hluehr@gfz-potsdam.de	LUO, Mr Yi IAGA/IAMAS Inst. Space & Atmos. Studies 116 Science Place, Saskatoon, S7N 5E2, Canada 1 306 966 64 58 1 306 966 64 00 luo@dansas.usas.ca	LYNCH, Professor Mervyn IAMAS Curtin Univ. of Technology P.O. Box U1987, Perth, 6845, Australia +618 9266 7540/7192 +618 9266 2377 tlynchmj@cc.curtin.edu.au
LU, Dr Gang IAGA 3450 Mitchell Lane, Boulder, Colorado, 80301, USA 303-497-1557 303-497-1589 ganlu@ncar.ucar.edu	LUI, Dr Anthony IAMAS JHU/AFL Applied Physics Laboratory, 11100 John Hopkins Road, Laurel, MD, 20723-6099, USA 240-228-5598 240-228-6670 tony.lui@jhuapl.edu	LUO, Ms Wei IASPEI Seismological Bureau Beijing , 28 Suzhou Street, Haidian, Beijing, 100080, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	LYONS, Dr Timothy IAPSO University of Missouri Dept. of Geological Sciences, Columbia, 65211, USA +1 573 882 6328 +1 573 882 5458 LYONST@MISSOURI.EDU
LU, Dr Yang IAG Chinese Academy of Sciences Inst. of Geodesy & Geophysics, 54 Xudong Road, Wuhan, Hubei, 430077, China +86 27 86783491 +86 27 86783841 luyang@asch.whigg.ac.cn	LUND, Bjorn IASPEI Uppsala University Dept. of Earth Sciences, Villavagen 16, 752 36, Sweden +46 18 471 3328 +46 18 501 110 bl@geofys.uu.se	LUTHER, Professor Douglas IAPSO University of Hawaii Dept of Oceanography, MSB 205, Hawaii, 96822, USA ++1 808 956 5875 ++1 808 956 9165 dluther@soest.hawaii.edu	LYSAK, Professor Robert IAGA University of Minnesota School of Physics & Astronomy, 116 Church Street Se, Minneapolis, MN, 55406, USA 1-612-625-1323 1-612-626-2029 bob@aurora.space.umn.edu
LU, Professor Daren IAMAS Inst. Atmospheric Physics, Cas , Beijing, 100029, China 86 10 6204 8922 86 10 6202 8604 ludr@sun.ihep.ac.cn	LUNDGREN, Dr Paul IASPEI JET Propulsion Laboratory MS 300-233, 4800 Oak Grove Drive, Pasadena, California, 91109, USA 01 818 354 1795 01 818 354 9476 paul@dagobah.jpl.nasa.gov	LUTHER, Professor Mark IAPSO University of South Florida Usf Dept. of Marine Sciences, 140 Seventh Avenue South, St. Petersburg, Florida, 33701, USA 1 727 553 1528 1 727 553 1189 luther@marine.usf.edu	MA, Dr Chopo UNION Goddard Space Flight Center Code 726, Greenbelt, MD, 20771, USA 1 301 286 3992 1 301 286 1760 cma@virgo.gsfc.nasa.gov
LU, Professor Peiling IASPEI China Seismological Bureau Center for Analysis & Predict, 63 Fuxing Avenue, Beijing, 100036, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	LUNDIN, Professor Rickard IAGA Swedish Inst. of Space Physics Box 812, Kiruna, S-98128, Sweden 46 980 79063 46 980 79091 RICKARD@IRF.SE	LUTIKOV, Dr Alexandre IASPEI Inst. of Geophysical Survey United Inst. Physics of Earth, 10 Bolshaya Gruzinskaya, Moscow, 123810, RUSSIA +7 95 254 9950 ail@uipe-ras.scgis.ru	MA, Dr Shi-Zhuang IAGA Chinese Academy of Science Inst. of Geophysics, PO Box 9701, Beijing, 100101, China 0086 10 64889024 szma@mail.c-geos.ac.cn
LUBIN, Dr Dan IAMAS California Space Institute S10/UCSD, 9500 Gilman Drive, La Jolla, California, 92093-7452, USA +1 619 534 6369 +1 619 534 7452 dlubin@ucsd.edu	LUNDSTEDT, Dr Henrik IAGA Swedish Inst. of Space Physics Solar-Terrestrial Physics Div., Scheelev. 17, LUND, 223 70, Sweden 46 46 286 21 20 46 46 12 98 79 henrik@astro.lu.se	LUZ, Mr Roberto IAG IBGE AV Brasil 15671, Parada De Lucas, Rio De Janeiro, 21 241 051, Brazil 55 21 482 8217 55 21 482 2747 roberto@ibge.gov.br	MA, Henian IAMAS China Meteorological Admin. 46 Baishigiao Road, Haidian District, Beijing, 100081, China +86 10 6217 57 +86 10 62174797 xianhua@rays.cma.gov.cn
LUBKEN, Prof. Franz-Josef IAGA University of Bonn Nussallee 12, Bonn, 53115, Germany +49 228 732678 luebken@physik.uni-bonn.de	LUNINE, Professor J IAGA University of Arizona Lunar & Planetary Laboratory, 1629 East University Blvd., Tucson, Arizona, 85721-0092, USA 520 621 2789 520 626 8250 jlunine@lpi.arizona.edu	LYARD, Dr Florent IAPSO LEGOS (CNRS) 14 Avenue E Belin, Toulouse, 31400, France (33) 5 61 33 27 19 florent.lyard@cnes.fr	MA, Kuo-Fong National Central University Institute of Geophysics, Chung-Li, 320-54, Taiwan 00886-3-422 7151 / 5634 00886-3-422 2044 fong@sal.gep.ncu.edu.tw
LUBNINA, Natalia IAGA Moscow State University BOL. Gruzinskaya, 10, Moscow, 123810, RUSSIA 7 095 541 0947	LUO, Dr Yiyong IAPSO Inst. of Physical Oceanography 5 Yushen Road, Qingdao, 266003, China 86 532 2032853 86 532 2032799 luoyy@mail.ougd.edu.cn	LYNCH, Dr Amanda IAMAS University of Colorado Cires/Paos, Cires, CB 216, Boulder, Colorado, 80309-0216, USA 001-303-492 5847 001-303-492 1149 manda@cires.coloradoedu	MA, Mr Shengli IAGA China Seismological Bureau Inst of Geology, De Wai Qijiahuozhi, Beijing, 100029, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn
LUETHI, Dr Daniel IAMAS ETH Zurich Atmospheric Physics Eth, Honggerberg Hpp, Zurich, Ch-8093, Switzerland (+41) 1 633 2773 (+41) 1 633 1058	LUO, Dr Yunfeng IAMAS Chinese Academy of Sciences Ins. of Atmospheric Phycis, Beijing, 100029, China 086 10 62048922 lyf@linux2.iap.ac.cn	LYNCH, Dr Peter IAMAS Met Eireann Glasnevin Hill, Dublin 9, Ireland +353 1 8064203 +353 1 8064247 peter.lynych@met.ie	MAAS, Dr Leo IAPSO Netherlands Inst. For Sea Res. PO Box 59, Texel, 1790 AB, The Netherlands +31 222 369419 +31 222 319674 MAAS@NIOZ.NL

MAC NIOCAILL, Dr Conall IAGA University of Oxford Dept. of Earth Sciences, Parks Road, Oxford, OX1 3PR, UK 01865 272055 01865 272072 conallm@earth.ox.ac.uk	MADER, Dr Heidy IAVCEI University of Bristol Department of Earth Sciences, Wills Memorial Building, Queens Road, Bristol, BS8 1RJ, UK 0117-954-5445 0117-925-3385 h.m.mader@bristol.ac.uk	MALACIC, Dr Vlado IAPSO National Inst. of Biology Marine Biological Station, Fornace 41, Piran, 6330, Slovenia 386 66 746 368 386 66 746 367 malacic@nib.si	MANN, Dr Ian University of York Department of Physics, Heslington, York, YO10 5DD, UK 01904 432240 01904 432214 ian@aurora.york.ac.uk
MacCRACKEN, Dr Michael IAMAS US Global Change Research 400 Virginia Avenue, Sw, Suite 750, Washington DC, District of Columbia, 20024, USA 001-202-314 2233 001-202-488 8681 mmaccrac@usgcrp.gov	MADSEN, Mr Frede IAG National Survey & Cadastre Rentemestervej 8, Copenhagen, DK 2400, Denmark 35 87 5286 35 87 5057 fm@kms.dk	MALANOTTE-RIZZOLI, Prof P IAPSO MIT Dept. of Earth, Atmospheric, & Planetary Sciences, 54-1416, Cambridge, MA, 02139, USA 617 253 2451 617 253 4464 rizzoli@ocean.mit.edu	MANNIK, Dr Aarne IAMAS Tartu Observatory Toravere, Tartumaa, 61602, Estonia 00372-7 410 258 00372-7 410 205 aarne@aai.ee
MACE, Mr Gerald IAMAS University of Utah 819 Browning Building, Dept. of Meteorology, Salt Lake City, Utah, 84092, USA 801 585 9489 801 585 3681 mace@atmos.met.utah.edu	MAEDA, Professor Akio IAPSO Kagoshima University Faculty of Engineering, 1-21-40 Korimoto, Kagoshima, 890 0065, Japan 0081 99 285 8466 0081 99 285 8466 maeda@oce.kagoshima-u.ac.jp	MALDONADO RADA, Mr R. IAMAS S.M. De Meteorological & Hydro Steet Reyes Ortis 41, La Paz, 1103, Bolivia 591 2 326 165 591 2 392 413 reymal@mail.megalink.com	MANNING, Mr John IAG AUSLIG PO Box 2, Belconnen, Act, 2617, Australia +61262014352 +61262014366 johnmanning@auslig.gov.au
MACHENHAUER, Dr Bennert IAMAS Max Planck Inst. Meteorology Bundesstr.55, Hamburg, 20146, Germany +49 40 41 173 357 machenhaner@dkrz.de	MAFFIONE, Robert IAPSO Hobi Labs 55 Penny Lane, Ste 104, Watsonville, California, 95076, USA 831 768 068 831 768 0681 maffione@hobilabs.com	MALKKI, Dr Pentti IAPSO Fin. Inst. Marine Research Finnish Institute of Marine Re, P.O. Box 33, Helsinki, 00931, Finland 00358-9-613941 00358-9-61394494 malkki@fimr.fi	MANNOJI, Mr Nobutaka IAMAS Japan Meteorological Agency Numerical Prediction Division, 1-3-4 Ootemachi, Chiyodaku, Tokyo, 100-8122, Japan 81 3 32128341 81 3 32118407 nmannoji@npd.kishall.go.jp
MACKAY, Professor Rae IAHS University of Birmingham School Of Earth Sciences, Edgbaston, Birmingham, B15 2TT, UK 0121 414 6142 0121 414 4942 r.mackay@bham.ac.uk	MAGIERA, Dr Tadeusz IAGA Inst. of Environmental Eng. M. Sklodowskiej Curie 34, Zabrze, 41 819, Poland +48 32 27 18 164 magiera@ipis.zabrze.pl	MALLING, Mr UNESCO Paris, France 0033 1 45 68 41 22 0033 1 45 68 58 22 s.malling@unesco.org	MANSON, Professor Alan IAMAS ISAS University of Saskatchewan, 116 Science Place, Saskatoon, SK7N 5E2, Canada 1 306 966 6449 1 306 966 6428 manson@dansas.usask.ca
MACKENZIE, Dr Ian IAMAS University of Edinburgh Dept. of Meteorology, James Clerk Maxwell Building, The Kings Buildings, Edinburgh, EH9 3JZ, UK 0131 650 8743 0131 650 5780 iam@met.ed.ac.uk	MAHMOUD, Dr Salah IAG NRIAG Helwan, Cairo, Egypt 202 5501 869 202 5548 020 salahmm@frcu.eun.eg	MALYSHEV, Dr Alexander I IAVCEI Geology & Geochemistry, Ural Pochtovy 7, Ekaterinburg, 620151, Russia +7 3432 516003 +7 3432 515252 malyshev@igg.uran.ru	MANTOVANI, Marta IASPEI/IAVCEI University of Sao Paulo RUA Do Matao, Sao Paulo, 05508 900, Brazil 55 11 8184755 55 11 8185043 marta@iag.usp.br
MACMILLAN, Dr Daniel IAG NVI, INC. Code 926.9, Nasa Goddard Space Flight Cent, Greenbelt, Maryland, 20771, USA 301-614-6118 301-614-6099 dsm@leo.gsfc.nasa.gov	MAK, Professor Mankin IAMAS University of Illinois 105 South Gregory St., Dept of Atmospheric Sciences, Urbana, Illinois, 61801, USA 217 333 8071 217 244 4393 mak@atmos.uiuc.edu	MAMBOLE, Mr Axel IASPEI ENS Laboratoire De Geologie De, L'ens, 24 Rue Ibomond, Paris, 75231, France 33-1-44-32-22-08 33-1-44-32-22-00 mambole@geologie.eng.fr	MANTYNIEMI, Ms Paivi IASPEI Institute of Seismology University of Helsinki, P.O. B. 26, Helsinki, Fin-00014, Finland +358 9 70844447 +358 9 70844430 paivi@seismo.helsinki.fi
MACMILLAN, Dr Susan IAGA British Geological Survey Murchison House, West Mains Road, Edinburgh, EH9 3LA, UK 0131 650 0228 0131 668 4368 s.macmillan@bgs.ac.uk	MAKAROV, Professor V. IAGA Pulkovo Observatory Pulkovskoe Street 65/1, St. Petersburg, 196140, Russia (+7 812)1234096 (+7 812)1234922 makarov@gaosun.spb.su	MAMORU, Dr Nakamura IASPEI University Ryukyus Faculty of Science, 1 Senbaru, Nishihara-Cho, Okinawa, 903 0213, Japan +81 98 895 8571 +81 98 895 8552 mnaka@sci.u-ryukyu.ac.jp	MANVILLE, Dr Vernon IAVCEI Wairakei Research Centre Inst. Geological & Nuclear Sci, Private Bag 2000, Taupo, New Zealand 64 7 374 8211 64 7 374 8199 v.manville@gns.cri.nz
MACPHERSON, Dr Bryan IAGA NAIC, Arecibo Observatory HC 3 Box 53995, Arecibo, Puerto RICO, 00612, USA 787 878 2612 787 878 1861 bmacpher@naic.edu	MAKSHTAS, Dr Alexander Int. Arctic Research Center University of Alaska Fairbanks, 930 Koyukuk Dr., Po Box 757335, Fairbanks, AK, 99776, USA 001 907 474 2678 001 907 474 2643 makshtas@iarc.uaf.edu	MANCA, Dr Beniamino B. IAPSO OGS TRIESTE Borgo Grotta Gigante 42/C, Sgonico, Trieste, 34010, Italy +39 040 2140 201 +39 040 2140 319 bmanca@ogs.trieste.it	MANZINI, Professor Dr E IAMAS Max Planck Institute Bondsstrasse 55, Hamburg, 20146, Germany +49 40 41173 307 +49 40 41173 298 mantini@dkrz.de
MADDOCK, Mr Ian IAHS University College Worcester Geography Department, Henwick Grove, Worcester, WR2 6AJ, UK 01905 855 180 01905 855 132 i.maddock@worc.ac.uk	MAKUMIRE, Mr Tonderayi B. IAHS Ministry of Lands & Agri. C/O Mrs Sandie Butterfield, Inst. of Hydrology, Maclean Building, Crowmarsh Grifford, OX10 8BB, UK 01491 692214 01491 692430 s.butterfield@ioh.ac.uk	MANDEA ALEXANDRESCU, Dr M IAGA IPGP Observatoire Magnetique Nat., Carrefour Des 8 Routes, Chambon La Foret, 45340, France 33 2 38 33 95 00 32 2 38 33 95 04 mioara@ipgp.jussieu.fr	MARCELLINI, Dr Alberto CNR-INST. Di Ricerca Sul R.S. Via Bassini 15, Milano, 20133, Italy 039 2 23699451 039 2 36680987

MARCHENKO, Professor A. State Univ. "Lviv Polytechnic" Faculty of Geodesy, S. Banderast., 12, LVIV, UA-290646, Ukraine ++38-0322-398-456 ++38-0322-744-300 march@polynet.lviv.ua		MARSH, Professor Julian IAVCEI Rhodes University Department of Geology, Grahamstown, 6140, South Africa +27-46-6038309 +27-46-6229715 jrm@rock.ru.ac.za	MARTILLI, Mr Alberto IAMAS EPFL-Lausanne (CH) LPAS-DGR, Lausanne, CH 1015, Switzerland ++41 21 693 61 60 ++41 21 693 36 26 alberto.martilli@epfl.ch	MARTYSHKO, Professor P. IAGA INST. OF Geophysics Urals Branch OF RAS, 100 Amundsen Street, Ekaterinburg, 620016, Russia +7 3432 678883 +7 3432 678872 pmart@igeoph.mplik.ru
MARES, Dr Constantin IAPSO NIMH SOS.Bucuresti-Ploiesti 97, Sect 1., Bucuresti, 71552, Romania charles@meteo.inmh.ro	MARSHALL, Dr Gareth IAMAS British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK (01223) 221483 (01223) 362616 gjma@pcmail.nbs.ac.uk	MARTIN DAVILA, Mr Jose IAG Observatorio San Fernando Cecilio Pujazon Sn, San Fernando, Cadiz, 11110, Spain 956 59 9285 956599366 mdavila@roa.es	MARUBASHI, Dr Katsuhide IAGA Communications Research Lab. 4 2 1 Nukuikita-Machi, Koganei-Shi, Tokyo, 184-8795, JAPAN +81 42 327 7529 +81 42 327 6677 kmaru@crl.go.jp	
MARIANI, Franco IAGA University of Rome Via Ricerca Scientifica 1, Rome, 00133, Italy 06 7259 4434 06 2023507 mariani@roma2.infn.it	MARSHALL, Dr Susan IAMAS UNC-Charlotte Dept. Geog. And Earth Sciences, 9201 University City Boulevard, Charlotte, North Carolina, 28223, USA 704 547 3498 704 547 3281 susanm@uncc.edu	MARTIN, Dr Ana Lillian IAVCEI Ciudad Universitaria Inst. of Geophysics, Unam, Circuito Institutos, Mexico Df, 04510, Mexico 0052 5 622 4116 0052 5 550 2486 analil@tonatiuh.igeofcu.unam.mx	MARULLO, Salvatore ENEA Via Auquillarese 301, S. Maria Digalercia, Roma, 00060, Italy +39 06 3048 46 64 salva@gorygome.casaccia.enea.it	
MARINO, Professor Miguel IAHS University of California 139 Veihmeyer Hall (Lawr), Davis, California, 95616-8628, USA 530 752 0684 530 752 5262 mamarino@ucdavis.edu	MARSIAT, Dr Isabelle IAMAS University of Reading Department of Meteorology, Po Box 243, Earley Gate, Reading, RG6 6BB, UK 0118 931 6507 0118 931 8905 marsiat@met.rdg.ac.uk	MARTIN, Dr Eric IAHS Météo-France 1441 Rue De La Piscine, St Martin D'heres, 38406, France +33 476 637901 +33 476 515346 eric.martin@meteo.fr	MARUYAMA, Ken-Ichi IAMAS FRSGC Seavans 7f North Bldg, 1-2-1 Shibaura Minatoku, Tokyo, 151 6791, Japan +(81) 3 5765 7100 +(81) 3 5765 7103 maruyama@frontier.esto.or.jp	
MARKLUND, Professor Goran Royal Institute of Technology Div. of Plasma Physics, Alfvén Laboratory, Stockholm, 10044, Sweden +46 8 7907695 +46 8 245431 marklund@plasma.kth.se	MARSLAND, Mr Simon MPI For Meteorology Bundesstr. 55, Hamburg, D-20146, Germany +49 40 41173 244 +49 40 41173 298 marsland@dkrz.de	MARTIN, Ms Ulrike IAVCEI Otago University Geology Department, Duedin, PO Box 56, New Zealand 36-3-479-9088 64-3-479-7527 ulrike.martin@stonebow.otago.ac.nz	MARZA, Professor Vasile I IASPEI University of Brasilia Seismological Observatory, CP04598, Campus Universitario,, Asa Norte, 70910-900, Brazil (+55)61 349 4453 (+55)61 274 5927 marza@unb.br	
MARQUARDT, Dr Christian IAMAS GFZ Potsdam AM Telegrafenberg C2, D-14473 Potsdam, 14473, Germany 0049-331 288 1168 0049-331 288 1169 marq@gfz-potsdam.de	MARSON, Professor Iginio IAG Dinma, University of Trieste Via Valerio 10, Trieste, 34127, Italy +39 040 676 37 33 +39 040 676 34 01 marson@univ.trieste.it	MARTINELLI, Giovanni Servizio Cartografico Regione Emilia, Via A Silvani 4/3, Romagna, Bologna, 40122, Italy g.martinelli@mo.nettuno.it	MARZOCCHI, Warner IASPEI Osservatorio Vesuviano Via Manzoni 249, Napoli, 80123, Italy +39 81 5832111 warner@osve.unina.it	
MARRARA, Mr Francesco IASPEI University of Trieste Dept. of Earth Sciences, Via Weiss 4, Trieste, 34127, Italy +39 040 6762 120 +39 040 6762111 francesc@geosun0.univ.trieste.it	MARTEL, Dr Caroline IAVCEI Bayerisches Geoinstitut Universitaet Bayreuth, Bayreuth, 95440, Germany 49 921 55 3712 49 921 55 3769 caroline.martel@uni-bayreuth.de	MARTINEZ-GARCIA, Marina IAG Polytechnical Univ. Catalonia Jordi Girona 1-3, Barcelona, 08034, Spain 00 34 93 401 74 08 marina@mat.upc.es	MASAMURA, Mr Kenji IASPEI National Defense Academy Dept. of Civil Engineering, 1-10-20 Hashirimizu, Yokosuka, 239-8686, Japan 81-468-41-3810 EXT.3524 81-468-44-5913 kenji@cc.nda.ac.jp	
MARSELLA, Maria IAG Dits-Univ. Rome "Lasapienza" Via Eudossiana 18, Rome, 00184, Italy +39 6 4458 5098 +39 6 4458 5515 marsella@dits.ing.uniroma1.it	MARTELLI, M. University of Palermo Via Archirafi 36, Palermo, 90123, Italy +39 091 616 1574 +39 091 616 8376 martelli@cfta.math.unipe.it	MARTINI, Professor Marino IAVCEI University of Florence Via G. La Pira 4, Florence, 50121, Italy 39 055 2757496 39 055 284571 mmratini@cesiti.unifi.it	MASATORA, Mr Iida IAPSO Kyoto University Dept. of Geophysics, Kitashirakawa- Oiwake, Sakyo, Kyoto, 606 8502, Japan 81 75 753 9431 81 75 753 3928 iida@kugi.kyoto-u.ac.jp	
MARSH, Bob IAPSO Southampton Oceanography Cen. SOC, Empress Dock, Southampton, UK 01703 596214 rma@soc.soton.ac.uk	MARTI, Dr Urs IAG Federal Office of Topography Seftigenstrasse 264, Wabern, Ch-3084, Switzerland ++41 31 963 23 78 urs.marti@it.admin.ch	MARTY, Christoph IAMAS PMD/WRC. Davos Dorfstrasse 33, Davos Dorf, CH 7260, Switzerland +41 81 417 5130 +41 81 417 5100 chmarty@pmodwrc.ch	MASCART, Dr Patrick IAMAS Laboratoire D'aerologie Observatoire Midi-Pyrenees, 14 Avenue Edouard Belin, Toulouse, 31400, France 0033 5 61 33 27 62 0033 5 61 33 27 90 masp@aero.obs-mip.fr	
MARSH, Dr Philip IAHS NHRC 11 Innovation Blvd., Saskatoon, Saskatchewan, S7N 3H5, Canada 306 975 5752 306 975 5143 philip.marsh@ec.gc.ca	MARTI, Olivier IAMAS CEA - DSM/LSCE Cea Saday, Building 709, Gf, Yvette, F91 191, France 33 1 69 087727	MARTY, Professor Bernard IAVCEI ENCG-CNRS BP20, Vandoeuvre Les Nancy Cedex, 54501, France 33 3 83 59 42 22 33 3 83 51 17 98 bmarty@crpg.cnrs-nancy.fr	MASCHENKOV, Professor S. IAGA Vniioo Keangeologia 1 Anglyisky Pr, St Petersburg, 190121, Russia +7(812) 114 5892 +7(812) 114 2088 mascha@vniio.nw.ru	

MASLOWSKI, Wieslaw IAPSO Naval Postgraduate School Oceanography Department, 833 Dyer Road, Monterey, 93943, USA +1 831 656 3162 +1 831 656 2712 maslowski@ucar.edu	MATHIEU, Miss Anne IAMAS CETP-IPSL 10-12 AVE. De L'europe, Velizy, 78140, France +33 1 39 25 48 97 +33 1 39 25 48 87 anne.mathieu@cetp.ipsl.fr	MATSUNO, Professor T IAPSO Nagasaki University Faculty of Fisheries, 1-14 Bunkyo, Nagasaki, 852-8521, JAPAN 81 95 847 1111 EXT. 3132 81 95 844 3516 matsuno@net.nagasaki-u.ac.jp	MATZKA, Mr Juergen IAGA Universität München Inst. F. Allg. U. Angew. Geo., Theresienstr. 41, Muenchen, 80333, Germany 00 49 89 2394 4236 00 49 89 2394 4205 matzka@rockmag.geophysik.uni- muenchen.de
MASSACAND, Miss Alexia C. IAMAS ETH Zurich HPP Eth-Honggerberg, Atmospheric Science, Zurich, CH- 8093, Switzerland ++41 1 633 36 24 ++41 1 633 10 58 massacand@atmos.umnw.ethz.ch	MATINDAS, Rudolf IAG Bakosurtanal JL. RAYA Jakarita Bogor KM 46, Cibinong, 16911, Indonesia 62 021 8754592 62 021 875492	MATSUSHIMA, Dr Masaki IAGA Tokyo Institute of Technology 2-12-1 Ookayama, Meguro-Ku, Tokyo, 152-8551, Japan ++81 3 5734 2728 ++81 3 5734 3537 mmatsush@geo.titech.ac.jp	MAUK, Dr Barry IAGA The Johns Hopkins University Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, Maryland, 20723, USA 240 228 6023 240 228 6670 barry.mauk@jhuapl.edu
MASSIE, Dr Steven IAMAS NCAR PO Box 3000, Boulder, Colorado, 80307, USA 1 303 497 1404 1 303 497 1492 massie@ucar.edu	MATONSE, Mr Adao AV. Vladimir Lenine 3070, 1D10, COP PH 18, Maputo, Mozambique +258 401078 +258 415195 misa@zebra.uem.mz	MATSUTOMI, Dr Hideo IASPEI Akita University 1-1, Tegata Gakuen-Cho, Akita, 010-8502, Japan 81-18-889-2363 81-18-837-0407 matsu@ipc.akita-u.ac.jp	MAUPIN, Professor Valerie IASPEI University of Oslo Department of Geophysics, Po Box 1022, Blindern, 0315, Norway 47 22 85 52 69 valerie.maupin@geofysikk.uio.no
MASSON, Dr Valery IAMAS Météo France Cnrm/Gmme, 42 Avenue G. Coriolis, Toulouse Cedex 1, 31057, France (33) 5 61 07 94 64 (33) 5 61 07 96 26 valery.masson@meteo.fr	MATSON, Dr Dennis UNION JPL JET Propulsion Labo. 264-441, 4800 Oak Grove Drive, Pasadena, California, 91109, USA 1 818 354 2253 1 818 393 4495 dmatson@jpl.nasa.gov	MATSUURA, Dr Tomonori IAPSO NRIESDP 3-1 Tennodai, Tsukuba, 3050006, Japan 81 298 51 1611 81 298 52 1610 matsuura@ess.hosai.go.jp	MAXIMENKO, Dr Nikolai IAPSO P. Shirshov Inst. of Ocean. 36 Nahimovskii Prospect, Moscow, 117851, Russia 7 095 129 2363 7 095 124 5983 maximenko@stream.sio.rssi.ru
MASTERS, Professor Guy IASPEI IGPP, SIO, UCSD IGPP-0225, 9500 Gilman Drive, La Jolla, California, 92093-0225, USA 619 534 41 22 619 534 53 32 gmasters@ucsd.edu	MATSUBARA, Mr Makoto IASPEI ERI, The University of Tokyo 1-1-1 Yayoi Bunkyo-Ku, Tokyo, 113-0032, Japan +81 3 3812 2111 EXT.5793 +81 3 5689 0479 mak@eri.u-tokyo.ac.jp	MATSUYAMA, Mr Masafumi IASPEI Inst. of Electric Power Ind. 1646 Abiko, Abiko-Shi, Chiba-Ken, 270-1194, Japan +81 471 82 1181 +81 471 84 7142 matsu@criepi.denken.or.jp	MAXIMOVA, Dr Olga Shirshov Inst. of Oceanology 36 Nahimovskiy Avenue, Moscow, 117851, Russia 7 095 1247996 7 095 1245983 kucheruk@ecosys.sio.rssi.ru
MASUDA, Yoshio IAPSO Hokkaido University North 10 West 5, Kita, Sapporo, 060-0810, Japan 011 706 2299 011 706 4865 masuda@ees.hokudai.ac.jp	MATSUDA, Mr Tomonori Osaka University Graduate School of Science, 1-1 Machikaneyama, Toyonaka, Osaka, 560-0043, Japan 81 6 6850 5493 81 6 6850 5480 tomonori@ess.sci.osaka-u.ac.jp	MATSUZAKA, Mr Shigeru IAG Geographical Survey Institute 1 Kitasato, Tsukuba, Ibaraki, 305-0811, Japan +81 298 64 4832 +81 298 64 2655 SHIGERU@GSI-MC.GO.JP	MAXWORTHY, Professor Tony UNION Univ. of Southern California Rrb211, Los Angeles, California, 90089-1191, USA 1 213 740 0481 1 213 740 7774 marxworth@mizar.usc.edu
MASWAGA, Mr Yuda C A IAHS Ministry of Water C.O/ Mrs Sandie Butterfield, Maclean Building, Crowmarsh Gifford, Wallingford, OX10 8BB, UK 01491 692214 01491 692430 s.butterfield@ioh.ac.uk	MATSUDA, Tokiyoshi IASPEI OSAKA University 1-1 Machikaneyama, Toyonaka, Osaka, 563-0023, Japan +81 6 6850 5493 +81 6 6850 5480 toki@ess.sci.osaka-u.ac.jp	MATTHIESEN, Mr Stephan University of Edinburgh Dept. Meteorology, James Clerk Maxwell BLDG, Edinburgh, Scotland, EH9 3ZZ, UK 0131 650 8744 0131 650 5780 stephan@met.ed.ac.uk#	MAYBERRY, Ms Gari IAVCEI Michigan Tech. University Geological Science Department, 1400 Townsend Drive, Houghton, Michigan, 49931, USA (906) 487 3097 (906) 487 3199 gcmayber@mtu.edu
MATHERS, E Lucy Proudman Oceanographic Lab. 77 Church Street, North Cave, Brough, East Yorkshire, HU15 2LJ, UK +31 15 278 2501 lucy@pol.ac.uk	MATSUDA, Yoshihisa IAMAS University of Tokyo Graduate School of Science, Hongo 7, Bunkyo-Ku, Tokyo, 113-0033, JAPAN matsuda@geoph.s.u-tokyo.ac.jp	MATTIOLI, Dr Glen IAVCEI University of Puerto Rico Department of Geology, PO Box 9017, Mayaguez, PR, 00681, USA +1 787 265 3845 +1 787 265 3845 glen@geology.uprm.edu	MAYER, Mr Michael IAGA University of Karlsruhe Geodetic Institute, Englerstrasse 7, Karlsruhe, 76128, Germany 0049-721-608-2724 0049-721-608-694552 mmayer@gjk.uni-karlsruhe.de
MATHEWS, Professor Dr P IAG University of Madras Dept. of Theoretical Physics, Gundy Campus, Chennai, 600 025, INDIA 91 44 8272098 91 44 8250432 mathews@imsc.ernet.in	MATSUMI, Professor Yutaka IAGA Nagoya University Solar Terrestrial Env. Lab., 3-13 Honohara, Toyokawa, 442-8507, Japan 81 533 89 5192 81 533 89 5593 matsumi@stelab.nagoya-u.ac.jp	MATUS, Mr Sergio IAG Instituto Geografico Militar , 1640 Nueva Santa Isabel, Santiago, Chile 56-2-4606842 56-2-4606978 smatus@igm.cl	MAYR, Dr Hans IAMAS NASA Goddard Code 910.4, Greenbelt, Maryland, 20771, USA 01 301 286 7505 01 301 286 1663 mayr@chapman.gsfc.nasa.gov
MATHIE, Mr Rod IAGA University of York Department of Physics, Heslington, York, YO10 5DD, UK 01904 432279 01904 43 2214 rod@aurora.york.ac.uk	MATSUNO, Dr Taroh IAMAS FRSGC Seavans-N Bldg 7f, 1-2-1 Shibaura, Minatoku, Tokyo, 105-6791, Japan 81 3 5765 7100 81 3 5765 7103		

MAZUR, Dr Joseph IAGA The Aerospace Corporation M2 259, 2350 E. EL Segundo Blvd., El Segundo, CA, 90245-4691, USA 310 336 2389 310 336 1636 joseph.mazur@aero.org	MCGREGOR, Dr John IAMAS CSIRO Atmospheric Research Pb 1, Aspendale, Victoria, 3195, Australia 0061-3-9239-4520 0061-3-9239-4444 jlm@dar.csiro.au	McLAREN, Ms Alison IAPSO University of Liverpool Oceanography Labs, Bedford Street North, Liverpool, L69 3BX, UK 0151 794 4102 A.McLAREN@LIV.AC.UK	MEDVEDEV, Dr Alexander IAMAS York University Dept. of Earth & Atmos. Sci., 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada (416) 736 2100 EXT 30090 (416) 736 5817 medvedev@nimbus.yorku.ca
McATEE, Mr Brendon Curtin University of Tech. 17 Canning Hwy, South Perth, Western Australia, 6161, Australia 61 8 9266 7225 61 8 9266 2377 pmcateebk@cc.curtin.edu.au	MCGUFFIE, Dr Kendal IAMAS University of Technology Applied Physics, PO BOX 123, Broadway, NSW 2007, Australia +61 2 9514 2219 kendal@phys.uts.edu.au	McLAUGHLIN, Dr Keith IASPEI SAIC/CMR 1300N 17TH ST., Arlington, VA, 2209, USA 703 247 1826 scatter@cmr.gov	MEDVEDEV, Dr Petr IAG Russian Academy of Sciences Geophysical Center, 3, Molodezhnaya Str., Moscow, 117296, Russia 7 095 930 5639 7 095 930 5509 pmedv@wdbc.rssi.ru
MCCARTHY, Dr Dennis IAG US Naval Observatory , 3450 Massachusetts Ave Nw, Washington DC, 20392-5420, USA 202 762 1837 202 762 1563 dmc@maia.usno.navy.mil	MCGUIRE, Dr Robin IASPEI Risk Engineering, Inc. 4155 Darley Avenue, Suite A, Boulder, Colorado, 80303, USA 303 499 3000 303 499 4850 mcguire@riskeng.com	MCLEAN, Dr Peter IAMAS Meteorological Office Room 241, London Road, Bracknell, Berkshire, RG12 2SY, UK 01344 856477 pjmclean@meto.gov.uk	MEGNIN, Mr Charles IASPEI UC Berkeley Seismological Lab. 475 McCone Hall, Berkeley, California, 94720, USA 510 642 3977 510 642 5811 pepe@seismo.berkeley.edu
MCCLELLAND, Dr Elizabeth IAGA Oxford University Department of Earth Sciences, Parks Road, Oxford, Oxfordshire, OX1 3PR, UK 01865 272014 01865 272072 buffy@earth.ox.ac.uk	MCGUIRE, Dr Robin IASPEI Risk Engineering, Inc. 4155 Darley Avenue, Suite A, Boulder, Colorado, 80303, USA 3034993000 3034994850 mcguire@riskeng.com	MCLEAN, Mrs Susan IAGA World Data Center-A 325 Broadway, Boulder, Co, 80303, USA +303 497 6478 +303 497 6513 smclean@ngdc.noaa.gov	MEHLHORN, Dr Jens IAHS Postg. School Nat. Disasters Imb, Am Fasanengarten, Karlsruhe, 76128, Germany 0049-721-608 6544 0049-721-69 52 45 mehlhorn@imbdec1.bau-verm.uni- karlsruhe.de
MCCORMACK, Dr David IASPEI Geological Survey Of Canada 1 Observatory Crescent, Ottawa, Ontario, KLA OY3, Canada 1 613 992-8766 1 613 992-8836 cormack@seismo.nrcan.gc.ca	MCGUIRE, Professor Bill Secretary - UK IUGG, Nat. Com. UK	MCNUTT, Professor Stephen IAVCEI Alaska Volcano Observatory Uafgi P.O. Box 757320, Fairbanks, AK, 99775, USA 907 474 7131 907 474 5618 steve@gjseis.alaska.edu	MEHTA, Dr Amita NASA Goddard Space Flight Ctr. , Greenbelt, Maryland, 1904, USA +1 301 286 1446 +1 301 286 2323 amita@spectra.gsfc.nasa.gov
MCCREERY, Dr Charles IASPEI Pacific Tsunami Warning Center 91-270 Fort Weaver Road, EWA Beach, Hawaii, 96706, USA 808 689 8207 808 689 4543 charles.mccreery@noaa.gov	MCINTYRE, Professor M IAGA/IAMAS/IAPSO Univ. of Cambridge 98 Windsor Rd, Cambridge, CB4 3JN, UK +44-1223-337871/0 -337918 MEM@DAMTP.CAM.AC.UK	McPHADEN, Dr Michael IAPSO NOAA/PMEL 7600 Sand Point Way Ne, Seattle, Washington, 98115, USA 206 526 6783 206 526 6744 mcpheaden@pmel.noaa.gov	MEHTA, Dr Vikram IAPSO University of Maryland Code 913., Nasa/Goddard Space Flt. Centre, Greenbelt, Maryland, 20771, USA +1 301 614 6202 +1 301 614 6420 mehta@climate.gsfc.nasa.gov
MCCUE, Mr Darren IAG Aston University Birmingham, B4 7ET, UK 693 5202 mccued1@aston.ac.uk	MCKENNA LAWLOR, Prof. S. IAG/IAGA Space Technology Ireland Ltd. National University of Ireland, Maynooth, County Kildare, Ireland 3531 628 6788 3531 628 6470 sml@may.se	MCPHERRON, Professor R IAGA University of California Institute of Geophysics & Pla., University Of California, Los Angeles, CA, 90095-1567, USA 310-825-1882 310-206-8042 rmcpheeron@igpp.ucla.edu	MEIER, Dr Thomas IASPEI INST. Fur Geowissenschaften Fsu Jena, Burgweg li, JENA, D-07749, Germany 49 3641 948666 49 3641 848662 meier@geo.uni-jena.de
MCCULLOCH, Mr Archie ICI Chemicals & Polymers Ltd Po Box 13, The Heath, Runcorn, WA7 4QF, UK 01928-513835 01928-581204 archie_mcculloch@ici.com	MCKENZIE, Professor J. F. IAGA MPAe Lindau Max-Planck-Inst. Für Aeronomie, Max-Planck-Str. 2, Katlenburg-Lindau, D-37191, Germany +49 5556 979 442 +49 5556 979 149 mckenzie@linmpi.mpg.de	MCQUEEN, Dr Claire IASPEI EQE International Genesis Centre, Science Park South, Birchwood, Warrington, WA3 7BH, UK 01925 285300 01925 285316 cmqueen@eqe.co.uk	MEIER, Professor Mark F. IAHS University of Colorado Instaar, 1560 30th Street, Boulder, Colorado, 80309 0450, USA 303 492 6556 303 492 6388 mark.meier@colorado.edu
McDONNELL, Professor Jeff IAHS SUNY-ESF 1 Forestry Dr., Syracuse, New York, 13210, USA 1 315 470 6565 1 315 470 6956 jemcdonn@mailbox.syr.edu	MCKNIGHT, Dr Donald IAGA Inst. Geological & Nuclear Sci Po Box 30-368, Lower Hutt, 30 368, New Zealand +64 4 570 1444 +64 4 570 4603 d.mcknight@gns.cri.nz	MCWILLIAMS, Kathryn Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	MEIGH, Dr Jeremy IAHS Institute of Hydrology , Wallingford, OX10 8BB, UK 01491 692 418 01491 692 238 jrm@ioh.ac.uk
MCENROE, Dr Suzanne IAGA Geological Survey, Norway Norway	McLANDRESS, Dr Charles IAMAS York University 4700 Keele St, Toronto, Ont, MPJ 1P3, Canada 416 736 2100 416 736 5626 mcland@stpl.cress.yorku.ca	MEACHAM, Steve National Science Foundation Room 725, 4201 Wilson Blvd, Arlington, 22230, USA 703 306 1585 EXT 2209	MELE, DR GIULIANA ING-ROME INST. Nazionale Di Geofisica, Via Di Vigna Murata 605, Rome, 00143, Italy +39 06 51860416 +39 06 5041181 heleg@mart.e.ingr.it
MCGREGOR, Dr James IAMAS University of Wellington School of Earth Sciences, P.O. Box 600, Wellington, New Zealand 0064 4 4955278 0064 4 4955186 j.mcgregor@vuw.ac.nz		MECHOSO, Professor Carlos University of California 405 Hilgard, 7271 Math Sciences Bldg., Los Angeles, California, 90095-1565, USA 001 310 825 3057 001 310 206 5219 mechoso@atmos.ucla.edu	

MELNIK, Dr Oleg University of Bristol Earth Sciences Department, Wills Memorial Bldg/Queen's RD, Bristol, BS8 1RJ, UK 0117 954 5243 0117 925 3385 oleg@pc2.gly.bris.ac.uk		MENG, Dr Ching IAGA The Johns Hopkins University 11100 Johns Hopkins Rd, Bldg 7-348, App. Physics Lab., Laurel, Maryland, 20723-6099, USA 240 228 5409 240 228 6670 ching.meng@jhuapl.edu	MEREDITH, Dr Nigel IAGA University College London Mullard Space & Science Lab., Holmbury St. Mary, Dorking, Surrey, RH5 6NT, UK 01483 204143 01483 278312 npm@mssl.ucl.ac.uk	MEYER, Dr Christian IAGA High Altitude Observatory 1920 Lydia Drive, Lafayette, Colorado, 80026 1366, USA 303 497 8328 303 497 1589 meyerc@ucar.edu
MELO, Dr Stella IAMAS The Univ. of Western Ontario Depart. Physics And Astronomy, London, On, N6A 3K7, Canada 519 661 2111 EXT 6280 519 661 3129 stella@danlon.physics.uwo.ca	MENGE, Mr Falko IAG University Hannover Institut Für Erdmessung, Schneiderberg 50, Hannover, 30167, Germany +49 511 762 4905 +49 511 762 4006 menge@inbox.ife.uni.hannover.de	MEREDITH, Philip IASPEI University College London Dept. of Geological Science, Gower Street, London, WC1E 6BT, UK 0171 380 7824 0171 388 7614 p.meredith@ucl.ac.uk	MEYWERK, Dr Jens Scripps Inst. For Oceanography Tarmitz Nr.29, Luechow, 29439, Germany +49 5841 974660 +49 5841 974660 meywerk@bigfoot	MEZCUA, Professor Julio IASPEI Inst. Geografico Nacional General Ibanez De Ibero, 3, Madrid, 28003, Spain 91 5979721 91 5979764 julio@ign.es
MELONI, Dr Antonio IAGA ING-Rome Inst. Nazionale Geofisica, Via Di Vigna Murata 605, Rome, 00143, Italy +39 06 5186 0317 +39 06 5041 181 meloni@marle.ingrm.it	MENK, Dr Frederick IAGA University of Newcastle Department of Physics, Callaghan, New South Wales, 2308, Australia +61 2 49 21 54 24 +61 2 49 21 69 07 physpuls3@cc.newcastle.edu.au	MERKA, Mr Jan IAGA Faculty Mathematics & Physics Charles University, Dept. of Elec. & Vacum Physics, Prague, 180 00, Czech Republic +420 2 21912318 merka@aurora.troja.mff.cuni.cz	MICHALSKY, JOSEPH IAMAS STATE UNIVERSITY OF NEW YORK SUNY ALBANY, 251 FULLER ROAD, ALBANY, NEW YORK, 12203, USA 518 437 8755 518 437 8758 joe@asrc.cestm.albany.edu	MICHEL, DR DONALD J. IAGA NAVAL RESEARCH LAB./USRA 2406 CHEVERLY AVENUE, CHEVERLY, MARYLAND, 20785, USA 301-286-3550 301-286-0264 michels@lasco11.nascom.nasa.gov
MENCIN, Dr David IAG UNAVCO PO Box 3000, Boulder, Colorado, 80301, USA +1 303 497 8024 +1 303 497 8028 dmencin@unavco.ucar.edu	MENVIELLE, Professor M. IAGA CETP/CNRS 4 Avenue De Neptune, Saint Maur Cedex, 94107, France 0033-1-4511-4234 0033-1-4889-4433 michel.menvielle@cetp.ipsl.fr	MERMINOD, Professor B Swiss Federal Inst. of Tech. DGR - Topo, Lausanne, 1015, Switzerland +41 21 693 2754/5 +41 21 693 5740 bertrand.merminod@epfl.ch	MICHEL, DR DONALD J. IAGA NAVAL RESEARCH LAB./USRA 2406 CHEVERLY AVENUE, CHEVERLY, MARYLAND, 20785, USA 301-286-3550 301-286-0264 michels@lasco11.nascom.nasa.gov	MICHL, Mr Christian IAHS Institut Fur Geographie Lobdergraben 32, Jena, D-07743, Germany +49 3641 948856 +49 3641 948852 c5chmi@geogr.uni-jena.de
MENDE, Dr Stephen University of California Centennial at Grizzly Peak, Ssl, Berkeley, 94720, USA 510 642 0876 510 643 2624 mende@ssl.berkeley.edu	MENZEL, Dr Lucas IAHS Potsdam Inst (PIK) PO Box 601203, Potsdam, 14412, Germany 49 331 288 2673 49 331 288 2600 menzel@pik-potsdam.de	MERRY, Professor Charles IAG University of Cape Town Departemnt of Geomatics, Private Bag, Rondebosch, 7701, South Africa +27 21 650 3576 +27 21 650 3572 cmerry@engfac.uct.ac.za	MICHL, Mr Christian IAHS Institut Fur Geographie Lobdergraben 32, Jena, D-07743, Germany +49 3641 948856 +49 3641 948852 c5chmi@geogr.uni-jena.de	MIDDLETON, Miss Helen IAGA University of Wales Dept. of Physics, Aberystwyth, Ceredigion, SY23 3BZ, UK 01970 622802 01970 622826 hrm94@aber.ac.uk
MENDE, Mr Werner IAGA Berlin-Brandenburgische AKAD Der Wissenschaften, Jaegerstr.22/23, Berlin, D-10117, GERMANY +49 30 20370 368 +49 30 20370 444 mende@bbaw.de	MENZEL, Dr Paul IAMAS NOAA/NESDIS 1225 West Dayton Street, Madison, WI, 53706, USA 608 264 5325 608 262 5974 paulm@ssec.wisc.edu	MERVEILLEUX DU VIGNAUX, M Ecole Normale Superieure De Paris, 24 Rue Lomond, Paris, 75231, France 33 1 444 32 03 33 1 44 22 00 nmerveil@ens	MIDDLETON, Professor J. IAPSO Univ. of New South Wales School of Mathematics, Sydney, NSW, 2052, Australia +61 2 9385 6747 +61 2 9385 6637 j.middleton@unsw.edu.au	MIGLIETTA, Dr Mario University Of Lecce Via Per Arnesano, Lecce, 73100, Italy +39 0832 94 1217 +39 0832320716 marcello@tiresia.isiata.le.cnr.it
MENDES VICTOR, Professor IASPEI University of Lisbon Centro De Geofisica, R. Escola Politecnica 58, Lisboa, 1250-102, Portugal 00351-1-3903 311 00351-1-3953 327 lmvictor@fc.ul.pt	MERCADO-IRIZARRY, Prof. A University of Puerto Rico Department of Marine Sciences, P.O. Box 9013, Mayagüez, 00680-9013, Puerto Rico 787 265 5461 787 265 5461 a-mercado@rumac.upr.edu	MERZ, Mr Ralf IAHS TU Wien Karlplatz 13/223, Inst. Für Hydraulik, Wien, 1040, Austria merz@bimb.tuwien.ac.at	MIDDLETON, Professor J. IAPSO Univ. of New South Wales School of Mathematics, Sydney, NSW, 2052, Australia +61 2 9385 6747 +61 2 9385 6637 j.middleton@unsw.edu.au	MIHAILOV, Professor V. IASPEI I.E.E.E.S. P.O. Box, Skopje, 91 000, Macedonia +389 91 111 344 mihailov@pluto.iziis.ukim.edu.mk
MENDES, Dr Virgilio Universidade De Lisboa Dep. De Matematica, Faculdade De Ciencias, R. Ernesto Vasconcelos, C1 P3, Lisboa, 1749-016, Portugal +351 1 7573141 EXT. 1005 +351 1 7500072 vmendes@lmc.fc.ul.pt	MERCIER, Mr Franck IAG GRP. De Recherche De Geodesie Lab. D'etudes En Geophy. Et, Oceanographie Spatiales, Toulouse, 31401, FRANCE 33 5 6133 2925 33 5 6125 3205 franck.mercier@cnes.fr	MERZLYAKOV, Dr Eugeny IAMAS Inst. For Experimental Met. 82 Lenin Street, Obninsk, 249020, Russia 7 084 397 1220 7 084 394 0510	METERIS, Hikmet IAG General Command Of Mapping Bebeci, Ankara, 90312, Turkey +90 312 363 8550/2250 +90 312 363 8550/2250 hmeteris@harita.gov.tr	
MENENTI, Massimo IAHS ULP/LSIIT 5 Boulevard S.Brant, Illkirch, 67400, France 0033 3 88655082 0033 3 88655153 menenti@sepia.u-strasbg.fr	MEREDITH, Dr Mike IAPSO University of East Anglia School of Environmental Sci., Norwich, NR4 7TJ, UK 01603 593402 01603 507719 m.meredith@uea.ac.uk	METRIS, Dr Gilles IAG Observatoire De La Côte D'azur Cerga, Avenue N. Copernic, 06130, France 0033 493405356 0033 493405333 metris@obs-azur.fr		

MIKHALEVSKY, Peter IAPSO SAIC 1710 Goodridge Dr. (Ms Ti-3-5), Migzan, Virginia, 22102, USA bonnie.i.whitaker.saic.com	MILLS, Dr Franklin IAMAS JET Propulsion Laboratory M/C 183-601, 4800 Oak Grove Dr., Pasadena, California, 91109, USA 1 818 354 7983 1 818 354 5148 franklin.p.mills@jpl.nasa.gov	MISHONOV, Dr Alexey IAPSO Marine Hydrophysical Institute Plymouth Marine Laboratory, The Hoe, Plymouth, PL1 3DH, UK 01752 633433 01752 633101 avm@ccms.ac.uk	MIWA, Atsushi Nagoya University Furo-Cho, Chikusa-Ku, Nagoya, 464-8602, Japan +81 52 789 3014 +81 52 789 3033 niwa@eps.nagoya-u.ac.jp
MIKHALTSOV, Mr Nickolay IAGA Institute of Geology Siberian Branch of Russian Sci, Academic Kopt'ug Ave. 3, Uiggm Sb Ras, Novosibirsk, 630090, RUSSIA +7 383 2 396433 +7 383 2 332792 kaz@uiggm.nsc.ru	MILLS, Dr Michael IAMAS University of Colorado Campus Box 393, Boulder, 80309- 0392, USA 303.492.7767 303.492.6946 mills@colorado.edu	MISHRA, Dinesh IAVCEI National Geophysical Res. Inst , Hyderabad, A.P., 500 007, India 0091 40 717 0423 0091 40 7171 564 postmest@csngri.ren.nie.in	MIYAHARA, Professor S IAMAS Kyushu University Dept. of Earth & Planetary Sci, 6-10-1 Hakozaki Higashi Ward, Fukuoka, 812-8581, JAPAN 92 642 2680 92 642 2685 sbm@rossby.geo.kyushu.ac.jp
MILAN, Mr Steve Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	MILLWARD, Dr George IAGA Space Environment Center 37 Kilburn Lane, Openwoodgate, Belper, DE56 OSE, UK 01773 824470 gmillward@sec.noaa.gov	MIST, Dr Roslind IAGA Queen Mary & Westfield College Astronomy Unit, Dept. Mathematical Sciences, Mile End Road, London, E1 4NS, UK 0171 775 3113	MIYAKE, Ms Hiroe IASPEI DPRI, Kyoto University Gokasho, Uji, 611-0011, Japan +81 774 38 4058 +81 774 33 5866 miyake@egmdpri01.dpri.kyoto-u.ac.jp
MILANOVSKY, Dr Svet IAHS/IASPEI B. Gruzinskaya 10, Moscow, 121810, Russia	MILNE, Dr Glenn IASPEI University of Durham Science Labs, South Road, Durham, DH1 3LE, UK 0191 374 2512	MITCHELL, Andrew UNION Benfield Greig Ltd. 55 Bishopgate, London, EC2N 3BD, UK 0171 578 7000 0171 816 1600 andrew.mitchell@benfieldgreig.com	MIYAKOSHI, Dr Jun'ichiro IAGA/IASPEI Koyama-Cho-Kita-I-Chome-325, Tottori, 680-0941, Japan +81-657-28-1211 +81 680-0941 pzh3512@n4yserv.ovjp
MILBERT, Dr Dennis IAG National Geodetic Survey NOAAN/NGS East-West Hwy., Ssmc3, Room 8635, Silver Spring, Maryland, 20910-3282, USA 301 713 3222 301 713 4315 dennis@ngs.noaa.gov	MILOVANOV, Dr Alexandre IAGA Russian Academy of Sciences Space Research Institute, Profsoyuznaya Street, 84/32, Moscow, 117810, Russia 007 095 333 45 34 007 095 310 70 23 amilovan@mx.iki.rssi.ru	MITCHELL, Dr David IAMAS Desert Research Institute Atmospheric Sciences Center, 2215 Raggio Parkway, Reno., Nevada, 89512-1095, USA 775 674 7039 775 674 7007 mitch@dri.edu	MIYATA, Dr Motoyasu IPRC Liaison Office 2241 Kapiolani Blvd, Room 1010, Honolulu, Hawaii, 96826, USA 1 808 983 4125 1 808 983 4199 esto@soest.hawaii.edu
MILBURN, David IAHS DIAND Water Resources Division, Box 1500, Yellowknier, 1A 2R3, Canada 867 669 2650 867 669 2716 milburnd@inac.gc.ca	MINEEV, Dr Yuriy IAGA Moscow State University Skobel'syn Inst. of Nuc.Phys., Vorobyovy Gory, Moscow, 119899, Russia +7(095) 939 5050 +7(095) 939 5034 mineev@srflan.npi.msu.su	MITCHELL, Dr Nick IAGA University of Wales Dept. of Physics, Aberystwyth, Ceredigion, SY23 3BZ, UK 01970 622802 01970 622826 nick.mitchell@aber.ac.uk	MIYOSHI, Dr Yasunobu IAGA Kyushu University Dept. of Earth/Planetary Sci., 6-10-1, Hakozaki, Higashiku, Fukuoka, 812- 8581, JAPAN 81-642-2683 81-642-2685 miyoshi@rossby.geo.kyushu-u.ac.jp
MILKEREIT, Professor B. IASPEI KIEL University Inst Fuer Geowissenschaften, Geophysik, Otto-Hahn-PLATZ 1, 24118, Germany ++49 431 880 3914 ++49 431 880 4432 bmilkereit@geophysik.uni-kiel.de	MIRANDA, Dr Pedro IAMAS University of Lisbon Centro De Geofisica, R. ESCOLA Politecnica 58, Lisboa, 1250-102, Portugal 00351-1-3921 863 00351-1-3953 327 pmiranda@fc.ul.pt	MITCHELL, Dr Todd IAMAS University Of Washington Jisao, Box 354235, Seattle, Washington, 98195-4235, USA 206 685 3786 206 685 3397 mitchell@atmos.washington.edu	MIYOSHI, Mr Yoshizumi IAGA Tohoku University Pparc, Graduate School of Science, Aramaki Aoba-Ku, Sendai, 980 85 78, Japan 81 22 217 6737 81 22 217 6406 miyoshi@stpp2.geophys.tohoku.ac.jp
MILLER, Dr Arthur J IAPSO Scripps Inst of Oceanography SIO-UCSD, CRD 0224, LA Jolla, California, 92093 0224, USA 858 534 8033 858 534 8561 ajmiller@ucsd.edu	MIRANDA, Jorge Miguel IAGA CGUL R.DA Escola Politecnica 58, LISBOA, 1250, Portugal +351 1 3921864 +351 1 3953327 jmiranda@fc.ue.pt	MITROVICA, Jerry X IASPEI University of Toronto Department of Toronto, 60 St. George Street, Toronto, M55 1A7, CANADA +1 416 978 7606 jxm@physics.utoronto.ca	MLAWER, Dr Eli IAMAS AER INC. 804 Memorial DR., Cambridge, MA, 02139, USA 001 617 349 2226 001 617 661 6479 mlawer@aer.com
MILLIGAN, Dr Peter IAGA Austr.Geolog.Survey Org. Australian Geological Survey, Gpo Box 378, Canberra, 2601, Australia 0061-2-62499224 0061-2-62499913 peter.milligan@agso.gov.au	MIROCHNITCHENKO, Prof. L IAGA UNAM Ciudad Univ., Inst. Geofisica, Del Coyoacan, Mexico, D.F., 04510, Mexico 525 5 622 41 42 525 5 550 24 86 leonty@tonatiuh.igeofcu.unam.mx	MITZEVA, Dr Rumjana IAMAS University Of Sofia Dept of Met. & Geophysics, 5 James Bourchier Street, Sofia, 1126, Bulgaria +359 2 6256315 +359 2 9625276 rumypm@phys.uni-sofia.bg	MLYNCZAK, Dr Marty IAGA NASA Langley Research Center Mail Stop 420, Hampton, 23681-2199, USA 757 846 5695 757 864 6326 m.g.mlynczak@larc.nasa.gov
MILLING, Dr David Keith IAGA University of York Department of Physics, York, YO10 5DD, UK 01904 432277 01904 432214 dave@samsun.york.ac.uk	MISAWA, Dr Hiroaki IAGA Tohoku University Planet. Plasma & Atmos. Res., Grad. School/ Aramaki AOBA-KU, Sendai, 980-8578, JAPAN +8122-217-6736 +8122-217-6406 misawa@stpp2.geophys.tohoku.ac.jp	MIURA, Dr Daisuke IAVCEI CRIEPI 1646 Abiko, Abiko, Chiba, 270 1194, Japan +81 471 82 1181 +81 471 83 3182 dmiura@criepi.denken.or.jp	MO, Dr Xingguo IAHS Chinese Academy of Sciences Inst. of Geography, Bldg 917, Datun Road, Beijing, 100101, China 86 10 64889307 86 10 64911844 moxg@dls.iog.ca.cn

MOBIUS, Professor E IAGA University of New Hampshire Space Science Center, Morse Hall, Durham, NH, 03824, USA 603 862 3097 603 862 0311 moebius@rotor.sr.unh.edu	MONTAGNER, Professor J-P IASPEI I.P.G. 4 Place Jussieu, Case 89, Paris Cedex 05, 75252, France 0033 1 4427 4895 0033 1 4427 3894 jpm@ipgp.jussieu.fr	MOORE, Mr Gerald CCMS/PML Plymouth Marine Laboratory, Prospect Place, Plymouth, PL1 3DH, UK 01752 633 100 01752 633 101 g.moore@ccms.ac.uk	MORGENSTERN, Dr Olaf IAMAS Cambridge University Atmospheric Science, Chemistry Department, Cambridge, CB2 1EW, UK 01223 336524 01223 336362 olaf.morgenstern@atm.ch.cam.ac.uk
MOCZO, Professor Peter IASPEI Slovak Academy of Sciences Geophysical Institute, Dubravská Cesta 9, Bratislava, 842 28, Slovak Republic 00421-7-5941-2901 00421-7-5477-5278 geofpemo@savba.sk	MONTAGUE, Dr Derek IAMAS University of Wyoming Dept. of Atmospheric Science, Box 3038, Laramie, Wyoming, 82071 3038, USA 307 766 4949 307 766 2635 montague@grizzly.uwyo.edu	MOORE, Mr Philip IAG Aston University Dept. Civil Engineering, Birmingham, B4 7ET, UK 0121 359 3611 0121 333 3389 MOOREP@ASTON.AC.UK	MORI, Mr Atsushi IAMAS Tokyo Gakugei University Dept. Of Earth Science, 4-1-1 Nukuikita- Machi, Koganei City, Tokyo, 184 8501, Japan +81 423 29 7537 mori@buran.u-gekugei.ac.jp
MOFJELD, Dr Harold IASPEI NOAA/Pacific Marine Env. Lab. 7600 Sand Point Way Ne, Seattle, Washington, 98115-0070, USA 206 526 6819 206 526 6054 mofjeld@pml.noaa.gov	MONTANI, Dr Andrea IAMAS ARPA-SMR Viale Silvani 6, Bologna, 40122, Italy +39 051 284592 +39 051 284664 mlxukuej@sirio.cineca.it	MOORE, Robert J IAHS Institute of Hydrology Wallingford, Oxon, OX10 8BB, UK 01491 692262 01491 692626 r.j.moore@mail.nwl.ac.uk	MORIOKA, Professor Akira IAGA Tohoku University Planet. Plasma & Atmos. Res., Grad. School/ Aramaki Aoba-Ku, Sendai, 980-8578, Japan +81 22 217 6735 +81 22 217 6406
MOGI, Dr Toru IAGA Kyushu University Department of Earth Resources, Engineering, Fukuoka, 8128581, Japan +81926423646 +81926423614 tmogi@mine.kyushu-u.ac.jp	MONTZKA, Dr Stephen IAPSO NOAA/CMDL 325 Broadway, MS:R/E/CGI, Boulder, 80303, USA 303-497-6657 303-497-6290 smontzka@cmdl.nora.gov	MOORE, Robert M Department Of Oceanography Dalhousie University, Halifax, B3H 4JL Canada 902 494 3871 902 494 3877 r.moore@is.dal.ca	MORITZ, Professor Helmut IAG Graz University Of Technology Physical Geodesy, Steyrergasse 30, GRAZ, A-8010, Austria +43 316 873 6351 +43 316 873 6356 moritz@phgg.tu-graz.ac.at
MOHLENBRINK, Wolfgang IAG Institut Fur Anwendungen Der Geodasie Im Bauwesen, Geschwister Scholl STR. 24D, Universitat Stuttgart, 70174, Germany +49 711 121 4040 +49 711 121 4044 sekretariat@iagb.uni-stuttgart.de	MOOERS, Christopher N.K IAPSO University of Miami OPEL/AMP/RSMAS, 4600 Rickenbacker Cswy., Miami, Florida, 33149-1098, USA 1 305-361-4088 1 305-361-4797 cmooers@rsmas.miami.edu	MORALES MAQUEDA, Dr M.A. PIK P.O. Box 60 12 03, Potsdam, 14412, Germany +49 331 288 2559 +49 331 288 2695 maqueda@pik-potsdam.de	MORNER, Dr Nils-Axel IAGA Stockholm University Paleogeophysical & Geod., Stockholm, S-10691, Sweden +46 8 7906771 +46 8 7906777 morner@pog.su.se
MOIRANO, Mr Juan F Facultad/Ciencias Astro. & Geo D.G.F., Marstallplatz 8, Muenchen, D-80539, Germany 00 49 89 23031 114 00 49 89 23031 240 jmoirano@fcaglp.unlp.edu.ar	MOON, Professor Wooil IASPEI Seoul National University Earth System Sciences, Seoul, 1 51-742, Korea 82 2 880 8898 82 2 871 3269 wmoon@eosi.snu.ac.kr	MORAN, Dr Philip IAGA University of Wales Physics Department, Penglais Hill, Aberystwyth, Ceredigion, Wales, SY23 3BZ, UK 01970 621907 01970 622826 plm@aber.ac.uk	MOROZOV, Professor Eugene IAPSO Shirshov Inst. of Oceanology 36 Nakhimovskiy Prosp, Moscow, 117851, Russia 7 095 917 3576 7 095 124 5983 interal@redline.ru
MOKHOV, Dr Igor Inst. Of Atmospheric Physics Ras, 3 Pyzhevsky, Moscow, 109017, Russia 7 (095) 9516453 7 (095) 953162 mokhov@omega.ifaran.ru	MOONEY, Dr Walter D. IASPEI USGS 345 Middlefield Road, Menlo Park, 94025, USA +1 650 329 5163 +1 650 329 5163 mooney@usgs.gov	MOREAUX, Mr Guilhem IAG University of Copenhagen Department of Geophysics, Juliane Maries VEJ 30, Copenhagen, 2100, Denmark +45 35 32 0618 +45 35 36 53 57 gm@gfy.ku.dk	MORRIS, Dr Ray IAGA Australian Antarctic Division Channel Highway, Kingston, 7050, Australia 61 3 6232 3315 61 3 6232 3496 ray_mor@antdiv.gov.au
MOLIN, Paola IAVCEI Universita 'Di Roma Dipartimento Di Scienze Della, Terra, P.Le A.Moro 5 00185, Roma, 00185 RM, Italy +3905 49914926 +3906 4454729 trigila@axrma.uniroma1.it	MOORE, Dr Robert Daniel IAHS* Simon Fraser University Geography Department, Burnaby, British Columbia, V5A 1S6, Canada +1 604 290 3320 +1 604 291 5841 robert_moore@sfu.ca	MORELLI, Dr Andrea ING-Rome Inst. Nazionale Di Geofisica, Via Di Mgna Murata 605, Rome, 00143, Italy +39 06 5186 0317 +39 06 5041 181 morelli@ing750.ingrm.it	MORRIS, Peter British Antarctic Survey High Cross, Madingley Rd, Cambridge, CB3 0ET, UK 01223 221574 01223 362616 p.morris@bas.ac.uk
MOMMA, Mr Hiroyasu IAPSO JAMSTEC 2-15 Natsushimacho, Yokosuka, 237-0061, Japan 81 468 67 3828 81 468 66 0970 mommah@jamstec.go.jp	MOORE, Dr Terry IAG University Of Nottingham lessg, University Park, Nottingham, NG7 2RD, UK 0115 9513886 0115 951 3881 terry.moore@nottingham.ac.uk	MORELLI, Professor Carlo UNION DINMA - University 10 Via Valerio, Treiste, Italy 0039 040 676 7158 0039 040 676 3497	MORRIS, Professor E IAHS* British Antarctic Survey High Cross, Madingley Road, Cambridge, UK 01223 221492
MONCRIEFF, Dr Mitchell IAMAS N.C.A.R PO Box 3000, Boulder, Co, 80307, USA 303 497 8960 303 497 8181 moncrieff@ncar.ucar.edu	MOORE, Mark Southampton University School Ocean & Earth Sciences, Southampton, SO17 3ZH, UK 01703 596478	MORENO-Roa, Hugo IAVCEI Sernageomin Casilla 23-D, Temuco, Chile +56 45 270700 +56 45 270701 ovdassis@chilesat.net	MORRISON, Mr Graeme IAGA University of Glasgow 15 University Gardens, Glasgow, G12 8QW, UK 0141-330-6882 0141-330-4111 gm@maths.gla.ac.uk

MORTENSEN, Ms Mette Dahl IAG Danish Meteorological Institute Atmosphere Ionosphere Res. Div, Lyngbyvej 100, Copenhagen, DK-2100, Denmark +45 39 157498 +45 39 15 74 60 mom@dmi.dk	MUELLER-WODARG, Ingo University College London Dept. of Physics & Astronomy, 67-73 Riding House Street, London, W1P 7PP, UK +44 (0)171 5049023 +44 (0)171 5049024 anasuya@apg.ph.ucl.ac.uk	MUNEKANE, Mr Hiroshi IAVCEI University of Tokyo Earthquake Research Institute, 1-1-1 Yayoi, Bunkyo-Ku, Tokyo, 113-0032, Japan +81 3 5841 8264 +81 3 3812 6979 munekane@eri.u-tokyo.ac.jp	MURSULA, Professor Kalevi IAGA University of Oulu Department of Physics, P.O. Box 3000, Oulu, 90401, Finland +358 8 5531366 +358 8 5531287 kalevi.mursula@oulu.fi
MOSS, Dr Marshall IAHS Bayeswater 6230 North Oasis Court, Tucson, Arizona, 85704, USA +1 520 7972813 +1 520 742 5676 memoss@primenet.com	MUENCH, Dr Robin IAPSO Earth & Space Research 1910 Fairview East, Suite 102, Seattle, WA, 98102-3620, USA 001-206-726-0522 001-206-726-0524 rmuench@esr.org	MUNHOVEN, Guy University of Bristol Bristol Glaciology Centre, School Geo. Sciences, Uni. Rd., Bristol, BS8 155, UK 0117 9288186 0117 9287878 g.munhoven@bristol.ac.uk	MURTY, Professor K.S. IAHS E-3 Vishnukamal Apts., 160 Shivajinagar, Nagpur, 440010, India 091 0712 557984 091 0712 547141 cyberden@hotmail.com
MOSUGU, Mary IAHS University of Birmingham School Geog & Enviro. Sciences, Edgbaston, Birmingham, B15 2TT, UK 0121 414 6935 0121 414 5528 M.E.Mosug@bham.ac.uk	MUKAI, Professor T IAGA ISAS 3-1-1 Yoshinodai, Sagami-hara, Kanagawa, 229-8510, Japan +81 42 759 8164 +81 42 759 8456 mukai@stp.isas.ac.jp	MUNSAMI, Mr Valanathan IAGA Hermanus Magnetic Observatory P.O Box 32, Hermanus, 7200, South Africa +27 283 21196 +27 283 22039 vmunsami@csir.co.za	MUSCARI, Mr Giovanni State Univ. of N.Y./Stony Brook Marine Sciences Research Cen., Stony Brook, New York, 11794-5000, USA +1 516 632 8071 gmuscari@ic.sunysb.edu
MOURTADA-BONNEFOI, Dr C. IAVCEI University of Bristol Department of Earth Sciences, Wills Memorial Building, Bristol, BS8 1RJ, UK 0117-954 5243 0117-928 3385 c.mourtada-bonnefoi.bris.ac.uk	MUKHERJEE, Professor G K IAGA Indian Inst. of Geomagnetism Dr Nanabhoy Moos Road, Colaba, Nr. R.C. Church, Mumbai, 400 005, India 91 022 2151607/09 91 022 2189568 gkm@iig.igm.res.in	MURAKAMI, Dr Makoto IAG Geographical Survey Institute 1-Kitasato, Tsukuba, Ibaraki, 305-0811, Japan 81 298 64 6925 81 298 64 2655 mccopy@gsi-mc.go.jp	MUSCHIETTI, Dr Laurent IAGA Space Sciences Laboratory University of California, Cetennial Drive, Berkeley, California, 94720 7450, USA 510 642 7558 510 643 8302 laurent@ssl.berkeley.edu
MOUSA, Dr Ashraf IAG Inst. of Astronomy & Geophysic Helwan, Cairo, Egypt +202 5549780 +202 5548020 ashrafkm@frcu.eun.eg	MUKHIN, Mr Dmitry IAMAS IAP RAS , Ulyanova Street, Nizhny Novgodrod, 603600, Russia +7 8312 384280 +7 8312 362061 ozone@renii.appl.sci-nnov.ru	MURALIKRISHNA, Dr P. IAGA INPE C.P. 515, SAO JOSE DOS Campos-SP, 12201 970, Brazil +55 12 3456841 +55 12 3456990 murali@dae.inpe.br	MUSIENKO, Dr Elena Institute of Seismology Nas Kyrgyz Republic, Asanbai 5211, Bishkek, 720060, Kyrgyzstan +996 312 761813 kis@imfiko.bishkek.su
MOZER, Joel IAMAS US Air Force Research Lab. 29 Randolph Road, Hanscom AFB, Maryland, 01731 3010, USA 781 377 2945 781 377 2984 mozer@plh.af.mil	MULLER, Dr Andreas IAGA GFZ Potsdam Telegraphenberg F423, Potsdam, 14473, Germany 0049 331 2881271 0049 331 2881235 grassus@gfz-potsdam.de	MURAYAMA, Dr Yasuhiro IAGA/IAMAS Communications Research Lab. 4-2-1 Nukui-Kita, Koganei, Tokyo, 184-8795, JAPAN +81 423 27 6685 +81-423 27 6678 murayama@crl.go.jp	MUSSON, Dr Roger IASPEI British Geological Survey West Mains Road, Edinburgh, Scotland, EH9 3LA, UK 0131 650 0205 0131 667 1877 r.musson@bgs.ac.uk
MOZZONI, Mr David Florida State University USA	MULLER, Dr Jurgen IAG Technical Universitat Munich Institute For Astronomical & Physical Geodesy, Arcistr. 21, München, D- 80290, Germany +49-89-289-23198 +49-89-289-23178 jxmx@bv.tum.de	MURNANE, Richard RPI/BBSR Ferry Reach, St. George's, Bermuda, 6E01, USA 441 297 1880 X246 441 297 2890 rmurnane@bbsr.edu	MWAMI, Mr James IAMAS Integrated Pastoral Dev. Proj. P.O. Box 964, Mbarara, 256, Uganda 256 485 21395 256 485 21395 kalisa@swifuganda.com
MU, Dr Mingquan IAPSO Inst. of Atmospheric Physics Chinese Academy of Science, Beijing, 100029, China 86 010 62043455 X203 86 010 32043526 mmq@lasgsg4.iap.ac.cn	MULLER, Jan-Peter IAG/IAHS/IAMAS University College London Dept. Geomagnetic Engineering, Gower Street, London, WC1E 6BT, UK 0171 380 7227 0171 380 0453 jpmuller@ge.ucl.ac.uk	MURR, David IAGA Boston University 725 Commonwealth Ave, Boston, 02215, Usa 617-353-6463 murr@bu.edu	MYSAK, PROFESSOR Lawrence IAPSO McGill University Atmospheric & Oceanic Sciences, 805 Sherbrooke St. W., Montreal, QC, H3A 2K6, Canada 00514-398-3768 00514-398-6115 mysak@zephrr.meteo.mcgill.ca
MU, Professor Mu IAMAS Chinese Academy of Sciences Inst. of Atmospheric Physics, Lasg, Beijing, 100029, China 86 10 62040854 EXT 207 86 10 6202 8604 mumu@lasgsg4.iap.ac.cn	MULLINS, Jerry US Geological Survey 12201 Sunrise Geolo. Survey, Reston, Virginia, USA 703 569 5144 703 458 4165 jmullins@usgg.gov	MURRAY, Dr Stephen IAPSO Office of Naval Research 800 North Cluincy Street, Arlington, VA, USA 703 696 4533 703 696 2001 murrays@onr.navy.milo	NABI-BIDHENDI, Dr Majid IASPEI Reading University Pris, Po Box 227, Reading, RG6 6AB, UK 0118 9310279 m.nabi.bidhendi@reading.ac.uk
MUCO, Professor Betim IASPEI Institute of Seismology Tirana, Albania 355 42 47665 355 42 26320 betim@sizmo.albnet.net	MUELLER, Professor Ivan IAG The Ohio State University 4361 Shire Creek Court, Hilliard, Ohio, 43026, USA 614/876-7830 mueller@mps.ohio-state.edu	MURRU, Dr Maura ING-Rome Inst. Nazionale Di Geofisica, Via Divigna Murata, Rome, 00143, ITALY +39 06 51860 412 murr@ing750.ingrm.it	NAEF, Dr Felix IAHS IHW/ETHZ , Zurich, 8093, Switzerland ++411 632 4136 ++411 633 1224 naef@ihw.ethz.ch

NAGAHAMA, Dr Tomoo N.I.E.S. 16-2 Onogawa, Tsukuba, 305 0053, Japan +81 298 50 2491 +81 298 58 2645 nagahama.tomoo@nies.go.jp	IAMAS	NAKAJIMA, Professor T CCRS, University Of Tokyo 4-6-1, Komaba, Meguro-Ku, Tokyo, 153-8904, Japan +81 3 5453 3959 +81 3 5453 3969 teruyuki@ccsr.u-tokyo.ac.jp	IAMAS	NAKANISHI, Mr Muga Tokyo Institute of Technology 2-12-1 Ookayama, Meguro-Ku, Tokyo, 152-8551, Japan +81 3 5734 2728 +81 3 5734 3537 muga@geo.titech.ac.jp	IAGA	NAUMOV, Dr Anatoly Institute for Metrologie #3 Bogatirsky, St Petersburg, 198347, Russia 0812 395 05 95 slovo@mail.line.ru	IASPEI
NAGAI, Dr Tsugunobu Tokyo Inst. of Technology Earth And Planetary Sciences, Meguro, Tokyo, 152-8551, Japan 0081-3-5734-2621 0081-3-5734-3537 nagai@geo.titech.ac.jp	IAGA	NAKAMURA, Dr Hisashi University of Tokyo/Igcr-Frsgc Dept. Earth, Planetary Physics, 7-3-1 Hongo, Bunkyo-Ku, Tokyo, 113-0033, Japan +81 3 5841 4285 +81 3 3818 3247 hisashi@geoph.s.u-tokyo.ac.jp	IAMAS	NAKANO, MR IWAO JAMSTEC 2-15 Natsushima-Cho, Yokosuka, 237-0061, Japan 81 468 67 3885 81 468 65 3202 nakanoi@jamstec.go.jp	IAMAS	NAVARRO Perez, Dr E. University of Wales, Bangor School of Ocean Sciences, Menai Bridge, Anglesey, Wales, LL59 5EY, UK 01248 382874 01248 382848 oss021@bangor.ac.uk	IAPSO
NAGAO, Professor T Tokai University Earthquake Pred Res Center, 3-20-1 Orido, Shimizu, Shizuoka, 424-8610, Japan 81 543 36 2862 81 543 36 0920 nagao@scc.u-tokai.ac.jp	IASPEI	NAKAMURA, Dr Masao Nagoya University Solar-Terrestrial Env. Lab, Honohara 3-13, Toyokawa, Alchi, 442-8507, Japan 81 533 89 5184 81 533 89 5090 nakamura@stelab.nagoya-u.ac.jp	IAGA	NAKAWO, Dr Masayoshi Nagoya University Institute for Hydrospheric-, Atmospheric Sciences, Nagoya, 464-8601, Japan 0081-52 789 3477 0081-52 789 3436 nakawo@ihas.nagayo-u.ac.jp	IAHS	NAVEAU, Dr Philippe National Center for Atmos. Res Geophysical Statistics Project, 1850 Table Mesa Dr, Boulder, Colorado, 80303-5602, USA 303 497 1704 303 497 1333 pnaveau@ucar.edu	IAMAS
NAGASHIMA, Mr Tatsuya University of Tokyo Climate System Research, 4-6-1 Komaba, Meguro-Ku, Tokyo, 153 8904, Japan +81 3 5453 3950 EXT.3010 +81 3 5453 3964 tnagashi@ccsr.u-tokyo.ac.jp	IAMAS	NAKAMURA, Dr Norihiro The Tohoku University Museum Aoba, Sendai, 980-8578, Japan 81 22 217 6634 81 22 217 6613 n-naka@mail.cc.tohoku.ac.jp	IAGA	NAKAZAWA, Dr Tetsuo Meteorological Res Inst. 1-1 Nagamine, Tsukuba, Ibaraki, 305-0052, Japan +81298529154 +81298538735 nakasawas@mrija.go.jp	IAMAS	NAYA, Ms Miyako Tokyo University of Fisheries Department of Ocean Sciences, 4-5-7 Konan, Minato-Ku, Tokyo, 108-8477, Japan 03 5463 0465 03 5463 0378 nagasima@bimelan.tokyo-u-fish.ac.jp	IAPSO
NAGASHIMA, Professor H Tokyo University of Fisheries Department of Ocean Sciences, 4-5-7 Konan, Minatoku, Tokyo, 108-8477, Japan 81 03 5463 0465 81 03 5463 0378 nagasima@bimelan.tokyo-u-fish.ac.jp	IAPSO	NAKAMURA, Dr Shigehisa Famille Villa-A 104, 674-2-Minato, Tanabe, 646-0031, Japan 81 739 25 5691 81 739 25 5691	IAPSO	NANJO, Mr Kazuyoshi Inst. of Geology & Palentology Graduate School of Science, Tohoku University, Sendai, 980-8578, Japan +81 22 217 6625 +81 22 217 6634 nanjo@dges.tohoku.ac.jp	IASPEI	NEALE, Mr Richard University of Reading Department of Meteorology, PO Box 243, Reading, RG6 6BB, UK 0118 987 5123 EXT 7521 0118 931 8905 r.b.neale@reading.ac.uk	IAMAS/IAPSO
NAGASHIMA, Professor H Tokyo University of Fisheries Department of Ocean Sciences, 4-5-7 Konan, Minatoku, Tokyo, 108-8477, Japan 81 03 5463 0465 81 03 5463 0378 nagasima@bimelan.tokyo-u-fish.ac.jp	IAPSO	NAKAMURA, Dr Toshiaki JAMSTEC Marine Technology Department, 2-15 Natsushima, Yokosuka, 237-0061, Japan 0468 67 3859 0468 66 0970 nakamurat@jamstec.go.jp	IAPSO	NARUOKA, Mr Tomohiro University of Tsukuba #B202, 633, Konda, Tsukuba, Ibaraki, 305-0018, Japan +81 298 57 3096 +81 298 53 6853 lemieux@qb3.so-net.ne.jp	IAMAS	NEALL, Dr Vincent Massey University Private Bag 11-222, Palmerston North, New Zealand 00 6 3506198 00 6 3505632 v.e.neall@massey.ac.nz	IAPSO
NAGATSUMA, Dr Tsutomu CRL 3601 Isozaki, Hitachinaka, 311-1202, Japan +81 29 265 97 11 +81 29 265 97 17 tnagatsu@crl.go.jp	IAGA	NAKAMURA, Mr Masaki Meteorological Research Inst. Nagamine 1-1, Tsukuba, Ibaraki, 305-0052, Japan +81-298-52-9361 +81-298-51-3730 mnakamur@mri-jma.go.jp	IASPEI	NASCIMENTO, Professor N. Federal Univ. of Minas Gerais AV. Do Contorno, 842/8a, Belo Hirizonte, MG, 30110 060, Brazil 55 31 238 18 72 55 31 238 1001 niloon@ehr.ufmg.br	IAHS*	NECHITALENKO, Dr Vitaly Russian Academy of Sciences Geophysical Center, 3 Molodezhnaya Str, Moscow, 117296, Russia 7 095 930 5649 7 095 930 5509 vitaly@wdbc.rssi.ru	IASPEI
NAGY, Professor Andrew University of Michigan 2455 Hayward, Rm. 1414, Ann Arbor, 40109-2143, USA	IAGA	NAKAMURA, Mr Tomohiro Kyoto University Dept. of Geophysics, Kyoto, 606-8502, Japan 81-75-753-4292 81-75-753-3928 nakamura@kugi.kyoto-u.ac.jp	IAPSO	NASUNO, Dr Tomoe University of Tokyo Dept. of Earth & Planetary Phy, Faculty of Sci., Hongo 7-3-1, Bunkyo, Tokyo, 113-0033, Japan +81 3 5841 4298 +81 3 3818 3247 nasuino@atmoso.geoph.s.u-tokyo.ac.jp	IAMAS	NEDOLUHA, Dr Gerald Naval Research Lab Code 7227, Washington DC, 20375, USA 202 767 4246 202 767 0005 nedoluha@wvms.nrl.navy.mil	IAMAS
NAITO, Ms Yoko Kyoto University Dept. Geophys. Faculty Of Sci., Oiwakecho, Kitashirakawa, Sakyo-Ku, Kyoto, 606-8502, Japan +81 75 753 3936 +81 75 753 3715 naito@kugi.kyoto-u.ac.jp	IAMAS	NAKAMURA, Professor Tadas Fukui Prefectural University 411 Kenjojima, Yoshida-Matsuoka, Fukui, 910 1195, Japan +81 776 61 6000 +81 776 61 6015 tadas@fpu.ac.jp	IAGA	NATAF, Dr Henri-Claude LGIT-CNRS Bat Irigm, Bp 53, Grenoble, Cedex 9, 38041, France +33 4 76 82 80 45 +33 4 76 82 81 01 nataf@ujf-grenoble.fr	IASPEI	NEELIN, Professor David University of California Dept. of Atmospheric Sciences, 405 Hilgard Ave., Los Angeles, 90095 1565, USA (310) 206 37334 (310) 206 5219 neelin@atmos.ucla.edu	IAMAS
NAITO, Professor Isao Nat. Astronomical Observatory Earth Rotation Division, Mizusawa, Iwate, 023, Japan 81 197 22 7129 81 197 22 3410 naito@miz.nao.ac.jp	IAG	NAKANE, Dr Hideaki NIES 16-2, Onogawa, Tsykuba, Ibaraki, 305-0053, Japan 81 298 50 2491 81 298 58 2645 nakane@nies.go.jp	IAMAS	NAUD, Dr Catherine Imperial College Space & Atmospheric Phys. Grp, The Blackett Laboratory, London, SW7 2BZ, UK +44 171 594 78 96 +44 171 594 79 00 c.naud@ic.ac.uk	IAMAS	NEGISHI, Mr Hiroaki Kyoto University Disaster Prevention Res. Inst., Gokasho, UJI, Kyoto, 611 0011, Japan +81 774 38 4186 +81 774 38 4190 negi@rcp.dpri.kyoto-u.ac.jp	IASPEI

NEGRI, Mr Andrew IAG NASA/GSFC Code 912, Greenbelt, Maryland, 20771, USA 301 614 6299 301 614 5484 negri@agnes.gsfc.nasa.gov	NEUBERG, Dr Jurgen IASPEI The University of Leeds School of Earth Sciences, Leeds, LS2 9JT, UK 0113-223-6769 0113-233-5259 locko@earth.leeds.ac.uk	NEY, Bog Dan IAG Inst. Geodesy & Cartography UL. Jasna 2/4, Warsaw, 00950, Poland +48 22 8270328 +48 22 8270328 igik@igik.edu.pl	NISHIDA, Mr Masahiro IAMAS Kyoto University Radio Atmospheric Science Cen., Gokasho, Uji, Kyoto, 611 0011, Japan +81 774 38 3849 +81 774 31 8463 nishida@kurasc.kyoto-u.ac.jp
NEGUSINI, Dr Monia IAG University of Bologna Dipt. Fisica / Settore Pichat 8, Bologna, 40127, Italy Geofi., Viale Berti +39 051 2095010 +39 051 2095058 negusini@astbo1.bo.cnr.it	NEUBERT, Torsten IAGA Danish Meteorological Inst. Lyngbyvet 100, Copenhagen, 2100, Denmark +45 39 15 74 92 +45 39 15 74 60 neubert@dmi.dk	NEZLIN, Dr Nikolay IAG Shirshov Inst. of Oceanology 36 Nakhimovskiy Avenue, Moscow, 117 851, Russia 7 095 1247940 7 095 1245983 nezlin@ecosys.sio.zssi.ru	NISHIDA, Professor Y IAGA Hokkaido University Dept. Earth & Planetary Sci., Grad. School Of Science, Kita-Ku, Sapporo, 060-0810, Japan +81 11 706 3826 +81 11 746 2715 nishida@area.sci.hokudai.ac.jp
NEHYBKA, Dr Vladimir IASPEI Masaryk University Brno Inst. of Physics of The Earth, Tvrdého 12, Brno, 602 00, Czech Republic 420 5 43423116 nehybka@ipe.muni.cz	NEUDEGG, David IAG Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	NICHOLLS, Dr Neville IAMAS Bureau Of Met. Research Cent. GPO Box 1289k, Melbourne Vic., 3001, Australia 0061-3-9669 4407 0061-3-9669 4660 n.nichols@bom.gov.au	NISHIGAMI, Dr Kin'ya IASPEI Dpri, Kyoto University Gokasho, Uji-City, Kyoto, 611-0011, Japan +81 774 38 4279 +81 774 31 8294 nishigam@drs.dpri.kyoto-u.ac.jp
NEILAN, MS RUTH IAG IGS Central Bureau/Jpl MS 238-540, 4800 Oak Grove Drive, Pasadena, California, 91107, USA +1 818 354 8330 +1 818 393 6686 ruth.neilan@jpl.nasa.gov	NEUMEISTER, Dr Dirk IASPEI STN - Atlas Elektronik Sebaldsbrucher Heerstr. 235, Bremen, 28305, Germany +49 421 4570 neumeister@stu-atlas.de	NICOLAS, Miss Joelle IAG Observatoire De La Cote D'azur Avenue Nicolas Copernic, Grasse, 06130, France 0033 4 93405342 0033 4 93405333 joelle.nicolas@obs-azur.fr	NISHIMURA, Dr Kouichi UNION Hokkaido University Inst. Of Low Temp. Sci., Kita-19 Nishi-8, Kita-Ku, Sapporo, 060 0819, Japan +81 11 706 5478 -81 11 706 7142 nishi@orange.lowtem.hokudai.ac.jp
NEMEČEK, Dr Zdenek IAGA Charles University Faculty of Mathematics And, Physics, V Holesovickach 2, Prague, 180 00, Czech Republic +420-2-21912301 nemecek@aurora.troja.mff.cuni.cz	NEUMEYER, Dr Juergen IAG GFZ Potsdam Telegrafenberg A17, Potsdam, 14473, Germany 49 33 12 88 11 35 49 33 12 88 11 69 neum@gfz.-potsdam.de	NIELSEN-GAMMON, Professor IAMAS Texas A & M University MS 3150, Dept. of Meteorology, College Station, Texas, 77807-4808, USA 409 862 2248 409 862 4466 n-g@tamu.edu	NISHIMURA, Dr Takeshi IASPEI Tohoku University Graduate School of Science, Sendai, 980-8578, Japan +81 22 217 6534 +81 22 217 6783 nishi@zisin.geophys.tohoku.ac.jp
NEMETH, Mr Karoly IAVCEI Otago University Geology Department, PO Box 56, Dunedin, New Zealand 64-3-479-9088 64-3-479-7527 karoly.nemeth@stonebow.otgao.a.	NEVANLINNA, Dr Heikki IAGA Finnish Meteorological Inst. PO Box 503 Fin-00101, Helsinki, Fin.00101, Finland +3589 19297679 +3589 19297689 helkkinevanlina@fmi.fi	NILSSON, Dr Hans IAGA Swedish Inst. of Space Physics Box 812, 981 28, Kiruna, 981 28, Sweden +46 98079127 +46 98079050 hans.nilsson@irf.se	NISHIMURA, Mr Yuichi IAVCEI Hokkaido University 64-26 Motomachi, Date-Shi, Hokkaido, 052 0023, Japan 81 142 25 6015 81 142 25 6015 nishi@eos.hokudai.ac.jp
NEMETH, Mr Zoltan IAGA Kfki Research Institute Particle And Nuclear Physics, Po Box 49, Budapest, H-1525, Hungary +36 1 3959 220/1228 +36 1 3959 151 nemeth@rmki.kfki.hu	NEW, Dr Adrian IAPSO Soton Oceanography Centre Empress Dock, Southampton, S014 3ZH, UK +44 01703 596173 +44 01703 596204 a.new@soc.soton.ac.uk	NIMMO SMITH, Mr Alex IAPSO SOES Southampton Oceanography Cen., European Way, Southampton, S014 3ZH, UK 01703 59 6497 01703 59 3059 amns@soc.soton.ac.uk	NISHINO, Dr Masanori IAGA Nagoya University 3-13 Honohara, Toyokawa, Aichi, 442-8507, Japan +81 533 89 5167 +81 533 89 1539 nishino@stelab.nagoya-u.ac.jp
NEREM, Professor Robert IAG The Univ. of Texas At Austin Centre for Space Research, 3925 West Braker Lane, 200, Austin, Texas, 78759-5321, USA 512-471-5696 512-471-3570 nerem@csr.utexas.edu	NEWELL, Dr Patrick IAGA Johns Hopkins University Appl. Phys. Lab., 11100 Johns Hopkins Rd., Laurel, Maryland, 20723, USA 240 228 8402 240 228 6670 patrick.newell@jhuapl.edu	NISHI, Mr Yuji IAVCEI Geological Survey of Japan 1-3-1 Higashi, Tsukuba, Ibaraki, 305 8567, Japan +81 298 54 3735 +81 298 54 3533 uwest@gsj.go.jp	NISHITANI, Dr Nozomu IAGA Stelab, Nagoya University , Toyokawa, Aichi, 442-8507, Japan +81 533 89 5124 +81 533 89 5090 nisitani@stelab.nagoya-u.ac.jp
NERI, Dr Augusto IAG Consiglio Nazionale - Ricerche CNR-CSGSDA, Via S. Maria 53, Pisa, I-56126, Italy +39 050 847273 +39 050 500675 neri@dst.unipi.it	NEWITT, Mr Lawrence IAGA Geological Survey Of Canada Geomagnetic Laboratory, 7 Observatory, Crescent, Ottawa, Ontario, K1S 4R1, Canada 613 837 7915 613 824 9803 newitt@geolab.nrcan.gc.ca	NISHIDA, Dr Atsuhiko IAGA Inst. Of Space & Astro. Sci. 3-1-1 Yoshinodai, Sagamihara, Kanagawa, 229 8510, Japan 81 42 759 8000 81 42 789 8441 nishida@gtl.isas.ac.jp	NISHIZAWA, Dr Azusa IASPEI Ocean Research Lab. Hydrographic Department, Tsukiji 5-3-1, Chuo-Ku, Tokyo, 104-0045, JAPAN +81-3-3541-4387 +81-3-3541-4387 nizizawa@cue.jhd.go.jp
NEUBAUER, Professor Fritz IAGA University of Cologne Inst. Fuer Geophysik, Albertus Magnus Platz, Koeln, 50923, Germany 49 221 4702310 49 221 4705198 neubauer@geo.uni-koeln.de	NEWMAN, Mr Andrew UNION Northwestern University 1847 Sheridan Road, Dept. Of Geological Sciences, Evanston, Illinois, 60208, USA 847 491 8186 847 491 8060 andrew@earth.nwu.edu	NISHIDA, Dr Ryohei IASPEI Tottori University 4-101, Koyama-Minami, Tottori, 680 0945, Japan 81 857 31 5641 81 857 31 5635 nishidar@cv.tottori-u.ac.jp	NIWANO, Mr Masanori IAMAS EES 10 Kita 5 Nishi, Kita-Ku, Sapporo, 060 0810, Japan +81 11 706 2298 +81 11 706 4865 niwano@ees.hokudai.ac.jp

NOBILIS, Professor Franz IAHS Hydrographisches Zentralbüro, Marxergasse 2, Vienna, A-1030, Austria franz.nobilis@bmlf.g.v.al	NOWBUTH, Miss Manta Devi IAHS University of Mauritius Inst. Oh Hydrology, Maclean Building, Crowmarsh Gifford, Wallingford, OX10 8BB, UK 01941 692214 01941 692430 s.butterfield@ioh.ac.uk	O'BRIEN, Professor Keran Northern Arizona University P. O. Box 967, Sedona, Arizona, 86339-0967, USA 1 520 282 3748 1 212 672 3952 keran.o'brien@nau.edu	OGAWA, Professor Toru IAGA Kyoto University 8 Nagareda, Kamitakano, Kyoto, 606-0037, Japan +81 75 781 8381 pxio3720@nifty.ne.jp
NOCI, Professor Giancarlo University Of Florence Dipt. Astro. E Sci. Dello Spa., Largo Fermi 5, Firenze, I-50125, Italy +39 055 2752 235 +39 055 224193 noci@arcetri.astro.it	NUCCIO, P. Mario IAVCEI University of Palermo Dept. C.F.T.A., Palermo, 90123, Italy +39 91 616 15 16 +39 91 616 168 376 nuccio@cfta.math.unipa.it	OCHIENG, Dr Washington IAG Imperial College Dept. of Civil Engineering, Imperial College Road, South Kensington, London, SW7 2BU, UK 0171 5946104 0171 5946102 w.ochieng@ic.ac.uk	OGIBALOV, Dr Vladimir IAMAS St. Petersburg University Inst. of Physics, Uljanovskaja St. 1, St. Petersburg, 198904, Russia +(007-812)4284489 +(007-812)4287240 vpo@lmupa.phys.spbu.ru
NOLL, Mrs Carey NASA/GSFC Code 920.1, Greenbelt Road, Greenbelt, Maryland, 20771, USA 301 286 9283 301 286 0213 noll@cddis.gsfc.nasa.gov	NURUTDINOV, Dr Kostyantyn IAG University of Newcastle Department of Geomagnetism, Newcastle-Upon-Tyne, NE1 7RU, UK 0191 222 5268 0191 222 8691 Konstantin.Nurutdinov@ncl.ac.uk	O'CONNELL, Professor P.E. IAHS Univ. of Newcastle Upon Tyne Dept. of Civil Engineering, Cassie Building, Claremont Road, Newcastle Upon Tyne, NE1 7RU, UK 0191 222 6405 0191 222 6669 p.e.o'connel@ncl.ac.uk	OGINO, Dr Shin-Ya IAMAS Rasc, Kyoto University Gokasho, Uji, Kyoto, 611-0011, Japan 81-774-38-3847 81-774-31-8463 ogino@kurasc.kyoto-u.ac.jp
NONAKA, Dr Masami IAPSO University of Hawaii Iprc Soest, 1000 Pope Road, Honolulu, Hawaii, 96822, USA 1 808 956 2720 1 808 956 9425 nona@soest.hawaii.edu	NUTH, Mr Vannarothe IAG The University of Texas/Austin Center for Space Research, 3925 West Braker Ln. Ste. 200, Austin, 78759-5321, USA 512 471 5509 512 471 3570 van@csr.utexas.edu	O'CONNOR, Ms Fiona IAMAS University of Wales Department of Physics, Aberystwyth, Wales, SY23 3BZ, UK 01970 622 847 01970 622 826 fmo@aber.ac.uk	OGLESBY, Bob IAMAS Purdue University 1397 Civil Bldg, West Hafazette, 47906, USA 1 765 494 9531 1 765 496 1210 coglesby@pudin.edu
NORTH, Dr Robert IASPEI Center for Monitoring Research 1300 North 17th St, Suite 1450, Arlington, Virginia, 22209, USA 1 703 276 7900 1 703 243 8950 north@cmr.gov	NWILO, Dr Peter Chigozie IAPSO/IAG/IAHS University of Lagos Dept. of Surveying, Faculty of Engineering, Lagos, Nigeria 234 1 827224 234 1 2691315 library@rcl.nig.wm	ODA, Dr Hirokuni IAGA Geological Survey of Japan Higashi 1-1-3, Tsukuba, 305 8567, Japan +81 298 54 3767 +81 298 54 3767 hoda@gsj.go.jp	OGUMA, Ms Sachiko IAPSO Marine Info. Research Center Mishima Bldg. 5f, Ginza 7-15-4, Chuo-Ku, Tokyo, 104 0061, Japan +81 3 3248 6668 +81 3 3248 6661 oguma@mirc.jha.or.jp
NORTON, Dr Warwick IAMAS University of Oxford Atmospheric Physics, Clarendon Lab / Parks Rd, Oxford, OX1 3PU, UK 01865 272925 01865 272923 wan@atm.ox.ac.uk	NYGREN, Dr Tuomo IAGA University of Oulu Dept. of Physical Sciences, PO Box 3000, Oulu, Fin-90401, Finland 358 8 5531368 358 8 5531287 tuomo.nygren@oulu.fi	ODIJK, Mr Dennis Delft University of Technology Fac. of Civil Eng. & Geosc., Dept. of Math. Geodesy & Pos., Delft, 2629 GA, The Netherlands 3115 2783546 3115 2783711 mgp@geo.tudelft.nl	OGUNADE, Professor Samuel IAGA Obafemi Awolowo University Department of Physics, Ile-Ife, Nigeria sogunade@oauife.edu.ng
NOTSU, Professor Kenji IAVCEI University of Tokyo Graduate School of Science, 7-3-1 Hongo, Bunkyo-Ku, Tokyo, 113-0033, JAPAN 81-3-5841-4624 81-3-5841-4119 notsu@eeqchem.s.u-tokyo.ac.jp	OBARA, Dr Takahiro IAGA CRL 3601, Isozaki, Hitachinaka, 311-1202, Japan +81 29 265 9730 +81 29 265 9728 t.obara@cre.go.jp	O'FARRELL, Dr Siobhan IAPSO CSIRO Atmospheric Research Private Bag No 1, Aspendale, Victoria, 3204, Australia 613 9239 4573 613 9239 4444 spo@dar.csiro.au	OGUZ, Professor I Temel IAPSO Metu, Inst. of Marine Sciences Mit, Dept of Earth., Atmospheric & Planetary, Building 54 Room 1420, Cambridge, Ma 02139, Turkey 1 617 253 0251 1 617 253 4464 oguz@pimms.mit.edu
NOVAKOV, Dr Tihomir IAMAS Lawrence Berkeley Nat. Lab. Building 73, One Cyclotron Road, Berkeley, California, 94720, USA 510 486 5319 510 486 4733 tnovakov@lbl.gov	OBERDORFER, Dr June UNION San Jose State University Dept. of Geology, San Jose, CA, 95192, USA 408 924 5026 408 924 5053 june@geosun1.sjsu.edu	OFMAN, Dr Leon IAGA Raytheon/Nasa Gsfc Code 682, Greenbelt, Maryland, 20771, USA +1 301 286 9913 +1 301 286 1617 leon.ofman@gsfc.nasa.gov	OHMINATO, Professor Dr T NEDO Sunshine 60 30th Floor, 3-1-1 Higashi Ikebukuro, Toshima-Ku, Tokyo, 170 6028, Japan +81 3 3987 9463 +81 3 5992 4870 ominatotko@nedo.go.jp
NOVIK, Dr O.B. IASPEI Moscow State Geo. Prosp. Acad. Pob 51, Moscow, 117246, RUSSIA +7 95 332 2808 +7 95 339 0466 ovrik@glasnet.ru	OBRIDKO, Professor V IAGA Izmiran Troitsk, Moscow Region, 142092, Russia (7-095)334 02 82 (7-09)334 01 24 solter@izmiran.troitsk.ru	OGAWA, Professor Hideo Osaka Prefecture University Dept. of Earth & Life Science, Gakuen-Cho, Sakai, Osaka, 599 8531, Japan 81 722 54 9726 81 722 54 9726 ogawa@el.cias.osakafu-u.ac.jp	OHMURA, Professor Atsumu IAMAS ETH Zurich Winterthurerstrasse 190, Zurich, 8057, Switzerland +41 1 635 5220 +41 1 362 5197 ohmuru@geo.umnw.ethz.ch
NOVOTNA, Dr Dagmar IAMAS Inst. of Atmospheric Physics Bocni II, Prague 4, 14131, Czech Republic 420 2 769703113 420 2 71763745 nov@ufa.cas.cz	O'BRIEN, Mr Paul IAGA UCLA/IGPP 6705 Geology, 405 Hilgard, Los Angeles, Ca, 90095 1567, USA (310) 825 2441 (310) 206 8042 tpoii@igpp.ucla.edu	OHNAKA, Professor M IASPEI University of Tokyo Earthquake Research Institute, Yayoi 1-1-1, Bunkyo-Ku, Tokyo, 113-0032, Japan +81-3-3812-2111 ext.5711 +81-3-5689-7234 ohnaka-m@eri.u-tokyo.ac.jp	

OHRING, Dr George NOAA 5200 Auth Road, Room 712, Camp Springs, Maryland, USA +1 301 763 8078 +1 708 763 8108 gohring@nesdis.noaa.gov	IAMAS	OJO, Professor Simon O IAPSO/IAMAS University of Lagos Dept. of Geography, Lagos, Nigeria 234 1 820696 234 1 2619517 niomr@linkserve.com.ng		OLIVER, Miss Sophia Oxford University Atmospheric Physics, Clarendon Lab., Parks Road, Oxford, OX1 3PU, UK 01865 272878 01865 272923 oliver@atm.ox.ac.uk		ONSTAD, Dr Charles IAHS U.S. Dept. of Agricultural Agricultural Research Service, 7607 Eastmark Dr., Suite 230, College Station, Texas, 77840, USA 409 260 9346 409 260 9415 onstadc@ars.usda.gov
OHRNBERGER, Mr Matthias University of Potsdam Inst. of Geosciences, PO Box 60 15 53, Potsdam, 14415, Germany +49 331 977 22 31 +49 331 977 20 87 mao.geo.uni-potsdam.de		OKADA, Mr Yasuhiko IAMAS Kinki University Kowakae 3-4-1, Higashi-Oosaka, 577 8502, Japan 0742 49 6388 yOokada@kcn.ne.jp		OLLIVRY, Dr Jean-Claude IAHS C.N.F.S.H. IRD-Hydrologie, B.P.5045, Avenue Agropolis 34, Montpellier Cedex 1, 34032, France 33 467 41 64 30 j-claude.ollivry@mpl.orstom.fr		OPGENOORTH, H.J. IAGA Swedish Inst. of Space Physics Uppsala, 75591, Sweden +46 18 303661 +46 18 403100 gsg@irfv.se
OHSHIMA, Kay IAPSO Hokkaido University Inst. of Low Temperature SCI., KITA-19, Nishi-8 Kita-KU, Sapporo, 060 0819, Japan 81 11 706 5481 81 11 706 7362 ohshima@soya.lowtem.hokudai.ac.jp		OKE, Professor Timothy IAHS University of British Columbia Department of Geography, Vancouver, V6T 1Z2, Canada +1 604 822 2900 +1 604 822 6150 toke@goeg.ubc.ca		OLLIKAINEN, Dr Matti IAG Finnish Geodetic Institute Geodeetinrinne 2, Masala, Fin-02431, Finland		ORAM, Mr David IAMAS University of East Anglia School of Environ. Sciences, Norwich, England, NR4 7TJ, UK 01603 593110 01603 452420 d.e.oram@uea.ac.uk
OHTAKE, Professor M IASPEI Tohoku University Department of Geophysics, Graduate School of Science, Sendai, 980-8578, Japan 81 22 217 6531 81 22 217 6783 ohtake@zisin.geophys.tohoku.ac.jp		OKI, DR RIKO NASDA/EORC Roppongi First Bldg., 1-9-9 Roppongi Minato-Ku, Tokyo, 106-0032, Japan +81 3 3224 7096 +81 3 3224 7052 riko@eorc.nasda.go.jp		OLSEN, NILS IAGA Danish Space Research Inst. Juliane Maries Vej 30, Copenhagen, DK-2100, Denmark +45 3532 5732 +45 3536 2475 nio@dsri.dk		ORCUTT, Professor John IASPEI Scripps Inst. of Oceanography Institute of Geophysics & Planetary Physics (0225), La Jolla, Ca, 92093-0225, USA 1 619 534 2887 1 619 534 2902 jorcutt@igpp.ucsd.edu
OHTANI, Dr Ryu IAG Geological Survey of Japan Agency of Ind. Sc. & Tech., Higashi 1-1-3, Tsukuba, 305 8567, Japan 81 298 54 3656 81 928 54 1298 ryu@gsj.go.jp		OKI, DR TAIKAN IAHS IIS, University of Tokyo 7-22-1 Roppongi, Minato-Ku, Tokyo, 106-8558, Japan +81 3 3402 6231 +81 3 3402 2597 taikan@iis.u-tokyo.ac.jp		O'MONGAIN, Dr Aoife British Geological Survey Murchison House, West Mains Road, Edinburgh, EH4 3LA, UK +44 131 6500230 +44 131 6671877 aom@mail.nmh.uk.ac.uk		O'RIORDAN, Dr Catherine IAPSO AGU 2000 Florida Avenue, Washington, DC, 20009, USA 202 462 6910 X 247 202 328 0566 coriordan@agu.org
OHTANI, Dr Shin-ichi IAGA The Johns Hopkins University Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, Md, 20723-6099, USA +1 240 228 3641 +1 240 228 6670 ohtani@jhuapl.edu		OKUBO, Professor Shuhei IAG University of Tokyo Earthquake Research Institute, 1-1-1, Yayoi, Bunkyo-Ku, Tokyo, 113-0032, Japan 81 3 5841 8274 81 3 5841 5729 okubo@eri.u-tokyo.ac.jp		OMURA, Dr Yoshiharu IAGA RASC, Kyoto University Gokasho, Uji, Kyoto, 611-0011, Japan +81 774 38 3811 +81 774 31 8463 omura@kurasc.kyoto-u.ac.jp		ORLIC, Professor Mirko IAPSO Geophysical Institute Faculty of Science, Horvatovac BP, Zagreb, 10000, Croatia 385 1 460 5900 385 1 468 0331 orlic@olimp.irb.hr
OHTANI, Dr Nobuhito IAHS Kyoto University Forest Hydrology Lab., Division of Env. Sci. & Tech., Kyoto, 606 8502, Japan +81 75 753 6093 +81 75 753 6088 nobu@bluemoon.kais.kyoto-u.ac.jp		OKUBO, Professor Yasukuni IASPEI Geological Survey of Japan 1-1-3 Higashi, Tsukuba, 305-1517, Japan +81-298-54-3548 +81-298-52-0281 okubo@gsj.go.jp		ONDOH, Dr Tadanori IAGA Space Earth Environ.LAB. 5186 Kitano, Tokorozawa, 359-1152, Japan 81 42 922 3378 81 42 922 3378 77771903@people.or.jp		OROZCO, Mr Adolfo IAGA Instituto De Geofisica Ciudad Universitaria-Unam, Del. Coyoacan, 04510, Mexico 52 5 622 3648 52 5 622 3625 adolfo@tonatiuh.igeofcu.unam.mx
OHYAMA, Dr Masamitsu IAGA Kyoto University Japan		OKUNISHI, Professor Kazuo IAHS Dpri, Kyoto University Gokanoshio, Uji, Kyoto, 611-0011, Japan 0081-774 38 4116 0081 774 38 4118 okunishi@slope.dpri.kyoto-u.ac.jp		O'NEIL, Professor Alan IAMAS CGAM University of Reading, Dept. of Meteorol. Earley Gate, Reading, RG6 6BB, UK 0118-931 8317 0118-931 8316 alan@met.reading.ac.uk		ORR, Dr James IAPSO LSCE/CEA Saclay, Bat 709, L'orme, Gif-Sur-Yvette, F-91191, France (33)1 69 08 77 23 (33)1 69 08 77 16 orr@cea.fr
OIEROSET, Dr Marit IAGA UC Berkeley Space Sciences Laboratory, Berkeley, California, CA 94720, USA ++1 510 642 2290 ++1 510 643 8302 oieroset@ssl.berkeley.edu		OLAFSDOTTIR, Ms Birna IAGA Geological Survey of Sweden Box 670, Uppsala, S-75128, Sweden +46 18 179000 +46 18 179210 birna@sgu.se		ONOUÉ, Mr Kensuke IAG Kyoto University Donzurubo Observatory, Anamushi 3280, Kashiba City, Nara, 639-0252, Japan +81 745 77 7345 +81 745 77 7345 fwiz9519@mb.infoweb.ne.jp		ORR, Dr James IAPSO LSCE/CEA Saclay, Bat 709, L'orme, Gif-Sur-Yvette, F-91191, France (33)1 69 08 77 23 (33)1 69 08 77 16 orr@cea.fr
OIKAWA, Dr Jum IAVCEI Eki, University of Tokyo Yayoi 1-1-1, Bunkyo-Ku, Tokyo, 113-0032, Japan +81 3 5841 5768 +81 3 3812 6979 oikawa@eri.u-tokyo.ac.jp		OLDFIELD, Professor Frank IGBP Pages Pages Ipo, Bärenplatz 2, Ch-3011, Switzerland oldfield@pages.unibe.ch		ONSAGER, Dr Terrance IAGA NOAA Space Environment Center 325 Broadway R/E/Se, Boulder, CO, 80303, USA 303 497 5713 303 497 3645 tonsager@sec.noaa.gov		ORSI, Professor Giovanni IAVCEI Osservatorio Vesuviano Via Manzoni 249, 80123, Italy 39 081 583 2111 39 081 575 4239 orsi@osve.unina.it
		OLIOUNINE, Iouri UNESCO 1 Rue Ullis, Paris, 75015, France i.oliounine@unesco.org				ORSOLINI, Dr Yvan IAMAS N.I.L.U. PO Box 100, Instituttveien 18, Keller, N- 2027, Norway 47 63898183 47 63898050 orsolini@nilu.no

ORTIZ, Dr Joseph IAPSO Lamont-Doherty Earth Obsev. 61 Route 9W PO Box 1000, Palisades, New York, 10964 8000, USA (914) 365 8715 (914) 365 8155 jortiz@ldeo.columbia.edu	OSORIO, Professor Isabel IAG University of Porto Monte Da Vircrm 4430, Vila Da Gaia, 4430, Portugal 351 2 7820404 IPOSORIOR@OA.FC.UP.PT	OYA, Professor Hiroshi IAGA Tohoku University Dept. Geophysics & Astronomy, Graduate School of Science, Sendai, 980-8578, Japan +81 22 217 6514 +81 22 217 6517 oya@stpp1.geophys.tohoku.ac.jp	PAGARETE, JOAQUIM Univ. De Lisboa Dep. De Matematica, Faculdade De Ciencias, R. Ernesto Vasconcelos, C1 P3, Lisboa, 1749-016, Portugal +351 1 7573141-EXT. 1005 +351 1 7500072 pagarete@fc.ul.pt
ORTIZ, Miss Ada IAGA Universitat De Barcelona Dept. D'astronomia I Met., Av. Diagonal 647, Planta 7, Facultat De Fisica, Barcelona, E-08028, Spain 34 934021122 34 934021133 aortiz@vega.am.ub.es	OSORIO, Professor Jose IAG University of Porto Monte Da Vircrm, 4430, Vila Nova Da Vircrm, 4430, Portugal 351 2 7820404 POSORIO@OA.FC.UFS.PT	OYEBANDE, Lekan IAHS University of Lagos Nigeria	PAGIATAKIS, Dr Spiros IAG Geodetic Survey of Canada 615 Booth Street, Ottawa, Ontario, KLA OE9, Canada 001 613 995 87 20 001 613 992 14 68 pagiatakis@geod.nrcan.gc.ca
ORTIZ, Professor Ramon IAVCEI Deto. Volcanologia Mncn-Csic Jose Gutierrez Abascal 2, Madrid, 28006, Spain 34 39 41 11 328 34 91 56 44 740 mncor72@pinar1.csic.es	OTHMER, Mr Carsten IAGA Tu Braunschweig Inst for Geophysics & Met., Mendelssohnstr. 3, Braunschweig, 38106, Germany +49 531 391 5216 +49 531 391 5220 c.othmer@tu-bs.de	OYINLOYE, Professor John IAGA University of Lagos Physics Department, Akoka-Yaba, Lagos, Nigeria ++234 1 4932660 EXT 1714 matdeplg@infoweb.abs.net	PAGLIARA, Dr Stefano IAHS University of Pisa Dip. To Ingegneria Edile, Idraulica, Via Gabbia 22, PISA, 56126, ITALY +39 050 550376 +39 050 830206 s.pagliara@ing.unipi.it
ORVIK, Dr Kjell Arild IAPSO University of Bergen Geophysical Institute, Allegaten 70, Bergen, 5007, Norway 47 55582602 47 55589883 orvik@gfi.uib.no	OTOFUJI, Professor Yo-I. IAGA Kobe University Dept. of Earth & Planet. Sci., Kobe, 657 8501, Japan +81 78 803 5730 +81 78 803 5757 otofuji@kobe-u.ac.jp	OZCEP, Dr Ferhat IAGA University of Istanbul Engineering Faculty, Dept. of Geophys. Engineering, Avcilar Campus, Avcilar, Istanbul, 34850, Turkey +90 212 591 19 98 +90 212 5911997 ferozcep@istanbul.edu.tr	PAJUNPAA, Dr Kari IAGA Finnish Meteorological Inst. Nurmijärvi Geophysical Observ., Ryökka, Fin-05100, Finland +358 9 87870330 +358 9 87870330 kari.pajunpaa@fmi.fi
OSBORNE, Dr Simon IAMAS UK Meteorological Office Y46 Building, Dera, Farnborough, Hants, GU14 OLX, UK 01252 395774 01252 376588 srosborne@meto.gov.uk	OTRUBA, Mr Wolfgang IAG Solar Observatory Kanzelhöhe Sonnenobservatorium, Kanzelhöhe, Treffen, A-9521, Austria +43 4248 2717 +43 4248 271715 ortruba@solobakh.ac.at	OZDEMIR, Dr Ozden IAGA University of Toronto Dept. of Physics, 3359 Mississauga Road North., Mississauga, Ontario, L5I 1C6, Canada 905 828 3829 905 828 3717 ozdemir@physics.utoronto.ca	PALLE BAGO, Mr Enric IAMAS Armagh Observatory College Hill, Armagh, Northern Ireland, BT61 9DG, UK 01861 522928 01861 527174 epb@star.arm.ac.uk
OSCHLIES, Dr Andreas IAPSO Institut Fuer Meereskunde Duesternbrooker WEG 20, KIEL, D-24105, Germany 0049 431 5973885 0049 431 565876 aoschlies@ifm.uni-kiel.de	OTSUBO, Mr Toshimichi IAG NERC SLRF Satellite Laser Ranging Facil., Monks Wood, Abbots Ripton, Huntingdon, PE17 2LS, UK 01487 773381 01487 773467 t.otsubo@ite.ac.uk	OZER, Dr Naside IASPEI Istanbul University Eng. Faculty/Geophysical Dept., Avcilar, Istanbul, 34850, Turkey 90 212 6942312 90 212 6942312 naside@istanbul.edu.tr	PALMER, MR MICHAEL Oxford University Lincoln College, Oxford, OX1 3DR, UK 01865 272930 mpalmer@atm.ox.ac.uk
OSETE LOPEZ, Cristina IAGA Universidad Complutense C/ Cine N.15 3 IZDA, Madrid, 28024, Spain 91 7 11 53 80 cristol@eucmos.sim.vcm.es	OTSUKA, Y. IAGA Radio Atmospheric Science Ctr. UJI, Kyoto University, Kyoto, 611-0011, Japan +81 774 38 3847 +81 774 31 8463 otsuka@kurasc.kyoto-u.ac.jp	OZIMA, Dr Mituko IAGA Senkawa 1-21-11, Toshima-Ku, Tokyo, 171-0041, Japan ozima@nipr.ac.jp	PALTRIDGE, Professor G IAMAS/IAPSO Antarctic CRC C/O University of Tasmania, GPO Box 252-80, Hobart, 7001, Australia 61-3-62262971 61-3-62262973 g.paltridge@utes.edu.au
OSETE, Dr Maria LUISA Complutense Univ. of Madrid DPTO. Geofisica, Facultad De Cc Fisicas, Madrid, 28040, Spain 34 91 3944396 mlosete@eucmax.sim.ucm.es	OTTO-BLIESNER, Dr Bette IAMAS U.C.A.R. PO BOX 3000, Boulder, Colorado, 80307, USA 303 497 1723 303 497 1348 ottobl@ucar.edu	OZSOY, Emin IAPSO Inst. of Marine Sciences P.K.28, Erdemli, Igel, 33731, Turkey +90 324 521 2406 +90 324 521 2327 ozsoy@ims.metu.edu.tr	PANCHEVA, Dr Dora IAGA University of Wales Dept. of Physics, Aberystwyth, Ceredigion, SY23 3BZ, UK 01970 622802 01970 622826 ddp@aber.ac.uk
OSHIMAN, Dr Naoto IAGA Kyoto University Uji, Kyoto, 611 0011, Japan +81 774 38 4202 +81 774 38 4190 g53032@sakura.kudpc-u.ac.jp	OWEN, Dr Christopher IAGA University of London Astronomy Unit, School of Mathematical Science, Queen Mary & Westfield College, London, E1 4NS, UK 0171 975 5486 0171 983 3522 c.j.owen@qmw.ac.uk	PACCA, Professor Igor IAGA University of Sao Paulo Caixa Postal 3386, Sao Paulo, 01060 970, 3386, Brazil 55 11 211 9300 55 11 814 9016 igpacca@usp.br	PANDEY, Dr Om Prakash IASPEI NGRI Uppal Road, Hyderabad, 500007, India 0091 40 7170141 0091 40 7171564 postmast@csngri.ren.nic.in
OSMASTON, Mr Miles IASPEI The White Cottage, Sendmarsh, Ripley, Woking, Surrey, GU23 6JT, UK 01483 224238 miles@osmaston.demon.co.uk	OWENS, Dr William IAGA University of Birmingham School of Earth Sciences, Edgbaston, B15 2TT, UK 414 6137 414 4942 w.h.owens@bham.ac.uk	PACINO, Professor Maria C IAG Univ. Nacional De Rosario Av. Pellegrini 250, Rosario, 2000, Argentina 54 341 4556913 54 341 4493301 mpacino@fceia.ums.edu.ar	PANZA, Professor Giuliano IASPEI Universita' di Trieste Dipartimento SC. Terra, Via Weiss 4, Trieste, 34127, Italy 39 040 6762117 39 040 6762111 panza@geosun0.univ.trieste.it

- PAONITA, Dr Antonio** IASPEI
Universita Di Palermo, C.F.T.A
Departmento C.F.T.A., Via Archirafi 36,
Palermo, 90123, Italy
39 91 616 1574
39 91 616 8376
paonita@cfta.math.unipa.it
- PAP, Dr Judit** IAMAS
University of California
Dept. Physics & Astronomy,
Box 951-562, 405 Hilgard Ave,
Los Angeles, California,
90095-1562, USA
1 310 825 1289
1 310 206 2096
pap@astro.ucla.edu
- PAPADIMITRIOU, Panayotis** IASPEI
University of Athens
Athens, Greece
- PAPADOPOULOS, Dr G** IASPEI
National Observatory of Athens
PO Box 20048, Athens, 11810, Greece
+301 3490 165
+301 3490 165
g.papad@egeledos.geim.mod.g
- PAPAIANNOU, Dr Christos** IASPEI
ITSAK
PO Box 53, Foinikas, Thessaloniki,
Gr 55102, Greece
+30 31 476081 82
+30 31 476085
chapai@itsak.gr
- PAPALE, Dr Paolo** IAVCEI
IST. Nazionale Di Geofisica
Ing, Dip. Scienze Della Terra, Via S.
Maria, 53, Pisa, I-56126, Italy
+39 050 847 274
+39 050 500 675
papale@dst.unipi.it
- PAPAZACHOS, Dr Costas** IASPEI
ITSAK
PO Box 53, Finikas, Thessaloniki,
Gr-55109, Greece
+30 31 476081/2
+30 31 476085
costas@itsak.gr
- PAPILLON, Mr Emmanuel**
Euro. Med. Seismological Cent.
C/O L.D.G., BP 12, Bruyeres-Le-Chatel,
91 680, France
33-1-69-26-78-13
33-1-69-26-70-00
popillon@ldg.bruyeres.cea.fr
- PAPITASHVILI, Dr Vladimir** IAGA
Sprl, Univ. of Michigan
2455 Hayward Street, Ann Arbor,
Michigan, 48109, USA
+1 734 763 62 47
+1 734 764 5137
papita@umich.edu
- PAQUET, Professor Paul** IAG/UNION
Observatoire Royal De Belgique
Avenue Circulaire 3, Bruxelles, 1180,
Belgium
0032-2-373 0249
0032-2-374 9822
PAQUET@OMA.BE
- PARASNIS, Professor D** IASPEI
Luleå University
Department of Applied, Geophysics,
Luleå, 971 87, Sweden
+46 920 91 389
+46 920 91 389
dapa@sb.luth.se
- PARK, Professor Jeffrey** IASPEI
Yale University
Dept. of Geology & Geophysics,
PO Box 208109, New Haven,
Connecticut, 065208109, USA
(203) 432 3172
(203) 432 3134
jeffrey.park@yale.edu
- PARKER, Dr Douglas John** IAMAS
University of Leeds
Environmental Centre, Leeds, L56 3PF,
UK
+64(113)233 6739
+64(113)233 6716
doug@lec.leeds.ac.uk
- PARKINSON, Dr Robert** IAHS
University of Plymouth
Department of Agriculture,
Seale-Hayne Faculty, Newton Abbot,
Devon, TQ12 6N2, UK
01626 325 630
01626 325 605
rparkinson@plymouth.ac.uk
- PARM, Professor Dr Teuvo** IAG
Helsinki University of Tech.
PO Box 1200, HUT, 02015, FINLAND
++358 9 4513910
++358 9 465077
teuveloparm@hut.fi
- PARNELL, Dr C** IAGA
University of St. Andrews
School of Math. & Comp. Sci., North
Haugh, St Andrews, Fife, KY16 9SS, UK
01334 463711
01334 463748
clare@dcs.st-and.ac.uk
- PARSELIUNAS, Dr Eimuntas** IAG
Vilnius Technical University
Sauletekio Al. 11, Vilnius, 2040,
Lithuania
+370 2 767879
+370 2 763864
eimis@ap.vtu.it
- PARSONS, BARRY** IAG/IASPEI
University of Oxford
Department of Earth Sciences, Parks
Road, Oxford, OX1 3PR, UK
01865 272017
01865 272072
Barry.Parsons@earth.ox.ac.uk
- PARVATA REDDY, Dr P R** IASPEI
Indian Geophysical Union
C/O Ngai Campus, Uppal Road,
Hyderabad, 500007, India
7172911
- PARVEZ, Dr Imtiaz Ahmed** IASPEI
University of Trieste
Dept. of Earth Sciences, Via E Weiss 4,
Trieste, 34127, Italy
39 40 6762116
39 40 6762120
parvez@geosun0.univ.trieste.it
- PASTERNAK, Mr Andrzej** IAMAS
Space Research Center
Bartycka Street 18a, Warsaw, 00 716,
Poland
48 22 840 37 66
48 22 779 34 81
andrew@cbk.waw.pl
- PATELLA, Domenico** IAVCEI
University Federico II
Dept. of Physical Science, Mostra
D'oltremare, Padiglione 19, Naples,
80125, Italy
+39 081 7253304
+39 081 7253306
patella@na.onfn.it
- PATERNO, Lucio**
Citta Universitaria
Inst. Di Astro. Uni. Catania, Catania,
95125, Italy
+39 95 7332 235
+39 95 3305 902
lpaterno@alpha4.ct.astro.it
- PATERSON, Dr William R** IAGA
The University of Iowa
403 Van Allen, Dept. of Physics &
Astronomy, Iowa City, IA, 52242-1479,
USA
1 319 335 1864
1 319 335 1753
patersom@iowasp.physics.uiowa.edu
- PAVAN, Dr Valentina** IAMAS
CINECA
Via Magnanelli 6/3, Casalecchio Di
Reno, Bologna, 40033, Italy
+39 051 6171474
+39 051 6132198
pavan@cineca.it
- PAVELIN, Mr Edward**
University of Wales
Department of Physics, Aberystwyth,
Wales, SY23 3BZ, UK
01970 622 838
01970 622 826
egp98@aber.ac.uk
- PAVLENKO, Dr Olga** IASPEI
Inst. Physics of the Earth
Russian Academy of Sciences,
B. Gurzinskaye 10, Moscow, 123810,
Russia
+7 095 916 40 96
+7 095 254 90 88
olga@synapse.ru
- PAVLENKOVA, Ninel** IASPEI
Institute of Physics of Earth
B. Grusiusuaja 10, Moscow, 123810,
Russia
7 (095) 254 23 27
nina@nipe-zus.segis.ru
- PAVLIS, Dr Nikolaos** IAG
Raytheon ITSS
7701 Greenbelt Road, Suite 300,
Greenbelt, Maryland, 20770, USA
301 441 4121
301 441 2432
npavlis@magnus.stx.com
- PAVLIS, Professor Erricos** IAG
JCET/UMBC NASA Goddard
Space Geodesy Branch, Code 926,
Greenbelt, MD, 20771, USA
301 614 6119
301 614 6099
epavlis@hlmert.gsfc.nasa.gov
- PAVLOV, Dr Nikolay** IAGA
Moscow State University
Institute of Nuclear Physics, Vorobyovy
Gory, Moscow, 119899, Russia
+7-(095)-939-5928
+7-(095)-939-2488
nnpavlov@taspd.npi.msu.ru
- PAWLAK, Dr Geno** IAPSO
University of Washington
School of Oceanography, Box 357940,
Seattle, Washington, 98195, USA
206 543 8543
gpawlak@ocean.washington.edu
- PAWSON, Dr Steven** IAMAS
Univ. Space Research Assoc.
Nasa Gsfc, Code 910.3, Greenbelt,
Maryland, 20771, USA
+1 301 614 6159
pawson@dao.gsfc.nasa.gov
- PAXTON, Dr Larry J.** IAGA
The Johns Hopkins University
Applied Physics Laboratory,
11100 Johns Hopkins Road, Laurel,
Maryland, 20723, USA
+1 240 228 6871
+1 240 228 6670
larry.paxton@jhuapl.edu
- PAZOS, Mr Antonio** IASPEI
Observatorio San Fernando
Cecilio Pujazon Sn, San Fernando,
Cadiz, 11110, Spain
956 59 90000 EXT 6593
956599366
apazos@roa.es
- PEACOCK, Dr Neil** IAPSO
University College London
17 Gordon Street, London, WC1H 0AH,
UK
0171 419 3740
0171 419 3418
nrr@mssl.ucl.ac.uk
- PEACOCK, Dr Sheila** IASPEI
University of Birmingham
School of Earth Sciences, Edgbaston,
Birmingham, B15 2TT, UK
0121 414 6162
0121 414 4942
s.peacock@bham.ac.uk
- PEARLMAN, Dr Michael** IAG
Harvard Smithsonian Center
For Astrophysics, 60 Garden St,
Cambridge, Massachusetts,
02138, USA
617 495 7481
617 495 7105
mpearlman@cfa.harvard.edu
- PEARMAN, Dr Graeme** UNION
CSIRO
CSIRO Atmospheric Research, Pmb 1,
Aspendale, VIC. 3195, AUSTRALIA
613 9239 4525
613 9239 4460
graeme.pearman.dar.csiro.au
- PEAT, Mervyn Richard** IAHS
University of Hong Kong
Department of Geography, HONG KONG
+852 28597021
+852 2559 8994

PEASE, Ms Carole Helene IAPSO Great Water Associates 6025 39th Ave Ne, Seattle WA, 98115, USA 1 206 528 0119 grtwater@wolfenet.com	PENEVA, Elisaveta IAPSO University of Sofia Dept. of Met. & Geophysics, Faculty of Physics, 5 James Bourchier Str., Sofia, 1126, Bulgaria +359 2 6256289 +359 2 962576 elfa@phys.uni-sofia.bg	PERRAUT, Dr Sylvaine IAGA CETP/UVSQ/CNRS 10-12 Avenue De L'Europe, Velizy, 78140, France 0033 1 39 25 48 91 0033 1 39 25 49 22 sylvaine.perraut@cetp.ipsl.fr	PETERS, Dr Dieter IAMAS Leipniz Inst. For Atmos. Phys Schlostr. 6, Kuhlungsboir, D-18225, Germany +49 382 936 8380 +49 382 936 850 peters@iap-kboin.de
PECCERILLO, Angelo IAVCEI Universita Di Perugia Dipt. Di Scienze Della Terra, Perugia, 06100, Italy +39 75 585 3208 +39 75 585 3203 pecceang@unipg.it	PENKETT, Professor Stuart IAMAS UEA Norwich Norwich, NR47 TJ, UK 01603 592 532	PERRIN, MR CHARLES CEMAGREF Parc De Tourvoie, BP44, Antony Cedex, 92163, France 33 1 40 96 60 86 33 1 40 96 61 99 charles.perrin@cemagref.fr	PETERS, Dr Norman IAHS US Geological Survey 3039 Amwiler Rd, Suite 130, Atlanta, Georgia, 303602824, USA +17709039145 +17709039199 nepeters@usgs.gov
PEDERSEN, Professor Laust IAGA Uppsala University Dept Earth Sciences/Geophysics, Villavägen 16, Uppsala, 752 36, Sweden +46 18 471 23 85 +46 16 50 11 10 lbp@geofys.uu.se	PENNA, Dr Nigel IAG University of Nottingham lessg, Nottingham, NG7 2RD, UK 44(0) 115 846 6025 44(0) 115 951 3881 nigel.penna@nottingham.ac.uk	PERRY, DR CHRIS IAGA RAL Space Science Department, Rutherton Appleton Lab, Didcot, Oxfordshire, OX11 0QY, UK 01235 445780 01235 445848 c.h.perry@rl.ac.uk	PETRINEC, Dr Steven IAGA Lockheed Martin O/L9-42, B/255, 3251 Hanover St., Paolo Alto, California, 94304-1187, USA 650 354 5562 650 424 3333 petrinec@spasci.com
PEK, Dr Josef IAGA Geophysical Institute As Cr Bocni li, Praha 4 Sporilov, 141 31, Czech Republic 00420-2-67 103 354 jpk@ig.cas.cz	PENNER, Professor Joyce IAMAS University of Michigan 2455 Hayward, Ann Arbor, 48109- 2143, USA +1 734 9360519 +1 734 7645137 penner@umich.edu	PESARESI, Dr Damiano IASPEI CTBTO Vienna International Center, Wagramer Str 5, PO Box 1200, Vienna, A-1400, Austria +43 1 26030 6321 +43 1 26030 5922 Damiano.Pesaresi@ctbto.org	PETROFF, Professor C IAPSO University of Washington Dept of Civil and Env. Eng., University of Washington, Seattle, Washington, 98195, USA 1 206 685 7594 1 206 685 3836 cpetroff@u.washington.edu
PEKKER, Mrs Tatyana UNION University of Texas At Austin Center for Space Research, 3925 W. Braker Lane, Suite 200, Austin, Texas, 78759 5321, USA (512) 471 7360 pekkert@csr.utexas.edu	PERENNE, Dr Nicolas Arizona State University Mae Dpt., Tempe, Arizona, 85287-6106, USA 480 727 6106 480 965 1384 perenne@emws606.eas.asu.edu	PESCHKE, Professor Gerd International Graduate School , Markt 23, Zittau, D-02763, Germany 49 3583 771 1521 49 3583 771 1534 peshke@ihi-zittau.de	PETROSINO, Miss Simona IASPEI Osservatorio Vesuviano VIA Manzoni, 243, Napoli, 80100, Italy +39 089 965239 kilauea@tin.it
PELTIER, Professor Wm R IAG/IASPEI University of Toronto Department of Physics, Toronto, M5S-1A7, Canada 416 978 2938 416 978 8905 peltier@atmos.physics.utoronto.ca	PERESAN, Mrs Antonella IASPEI University of Trieste Dept. of Earth Sciences, Via Weiss 4, Trieste, 34127, Italy +39 040 6762110 +39 040 6762111 anto@geosun0.univ.trieste.it	PESHEKHONOV, Vladimir G. Institute "Elektropribor" St Petersburg, 197046, Russia 7 812 232 5915 7 812 232 3376 elprib@erbi.spb.su	PETROSYAN, Dr Arakel IAMAS Space Research Inst. Moscow C/O Finish Met. Institute, Geophysical Research, Pob 503, Helsinki, Fin- 00101, Finland 358 9 19294652 352-9-1929-4603 arakel@fmi.fi
PENA, Mr Javier IAVCEI Dep. Vulcanologia. Csic Museo Nacional Ciencias Natur., C/ Jose Gutierrez Abascal No2, Madrid, 28006, Spain 34 91 411 1328 EXT 1163 34 91 564 4740 mcpn182@mncn.csic.es	PEREZ, Professor Omar Simon Bolivar University Dpt. Earth Sciences Apdo.89000, Caracas, 1080a, Venezuela +58 2 9063518 +58 2 9063503 ojperez@usb.ve	PESNELL, Dr William IAGA Nomad Research, Inc. 2804 Nomad Court, Bowie, Maryland, 20716-1470, USA 301 286 4009 301 286 1681 pesnell@nomadresearch.com	PETROVSKAYA, Dr Margarita IAG Russian Academy of Sciences Pulkovo Astro. Observatory, Pulkovskoe Shosse 65/1, St. Petersburg, 196140, Russia 7 812 124 4335 7 812 123 4922 petrovsk@gao.spb.ru
PEÑAHERRERA, Professor R Red Sismica Del Austro AV 12 DE Abril S/N, U. Cuenca- FAC Ingenieria, Cuenca, 01 01 0168, Ecuador 593 788 35 28 593 7 832183 rifepele@allavista.net	PERILLO, Dr Gerardo Me IAPSO Inst. Aregentino De Ocean. CC 107, Bahia Blanca, 8000, Argentina 54 291 486 1112 54 291 486 1527 perillo@criba.edu.ar	PETCH, Dr Jon IAMAS UK Meteorological Office London Road, Bracknell, Berks, RG12 2SZ, UK 01344 854602 01344 854493 jpetch@meto.gov.uk	PETTERSSON, Ms Anna IAHS SMHI Folkborgsv.1, Norrkoping, S-60176, Sweden +49 11 495 86 07 +46 11 495 80 01 anna.pettersson@smhi.se
PENDLEBURY, Diane IAMAS University of Toronto Dept. of Physics, 60 St. George Street, Toronto, Ontario, M5S 1A7, Canada (416)978 2955 (416) 978 8905 diane@atmos.physics.utoronto.ca	PEROSANZ, Dr Felix IAG CNES 18 Avenue Edouard Belin, Toulouse, 31401, France +33 5 61 33 28 96 +33 5 61 25 30 98 felix.perosanz@cnes.fr	PETER, Dr Hardi IAGA High Altitude Observatory PO Box 3000, Boulder, CO, 80307, USA 001 303 497-8327 001 303 497-1589 hpeter@ucar.edu	PETTRE, Dr Paul IAMAS Meteo-France Cnrm/Gmgec/Udc, 42 Avenue G Coriolis, Toulouse, F-31052, France 33 561 079 362 33 561 079 610 pettre@meteo.fr
PENDUFF, Dr Thierry IAPSO LEGI-IMG BP 53, Ganoble, Cedex 9, 38041, France +33 (0)4 76 82 50 06 +33 (0)4 76 82 52 71 thierry.penduff@hmg.inpu.fr	PEROVICH, Dr Don IAPSO USACRREL 72 Lyme Road, Hanover, NH, 03755, USA +1 603 646 4255 +1 603 646 4644 perovich@crrel.usaxe.army.mil	PETER, Professor Thomas IAMAS ETH Zurich Hoggerberg Hpp L8.2, Zurich, 8093, Switzerland 0041 1 633 2754 0041 1 633 1058 tom@atmos.umnq.ETH.ch	PETTS, Professor Geoffrey University of Birmingham School of Geography, Edgbaston, Birmingham, B15 2TT, UK 0121 414 5518 0121 414 5528 g.e.petts@bham.ac.uk

PEYLIN, Dr Philippe LSCE Cea-Saclay, Grune Des Merisiers, Gif-Sur-Yvette, F-91191, France +33 1 69 08 77 18 peylin@lsce.saclay.ac.fr	PICCOLO, Ms Maria Cintia IAPSO IADO CC 107, Bahia Blanca, 8000, Argentina 0054-291-486 1112 0054-291-486 1527 piccolo@criba.edu.aa	PINTO TEIXEIRA, Jorge IAG Instituto Portugu CCC Artilharia 1, Lisboa, Ba 107, 1070, Portugal	PLATE, Dr Erich IAHS University of Karlsruhe Am Kirohberg 49, Karlsruhe, 76229, Germany ++49 721 468752 ++49 721 9463984 erich.plate@bau.uerm.uni-karlsruhe.de
PEYTON, Ms Valerie Yale University 17 Nicoll Street, New Haven, Connecticut, 06511, USA (203) 789 9941 (203) 432 3134 valerie.peyton@yale.edu	PICKETT, Ms Jolene IAGA The University of Iowa Department of Physics &, Astronomy, Iowa City, Iowa, 52242, USA 319 335 1897 319 335 1753 pickett@uiowa.edu	PIRES, Dr Carlos IAMAS University of Lisbon Centro De Geofisica, R. Escola Politecnica 58, Lisboa, 1250-102, Portugal 00351-1-3921-863 00351-1-3953 327 cpires@fc.ul.pt	PLATT, Martin Colorado State University Atmospheric Science Department, Fort Collins, Colorado, 80523, USA 970 491 8259 970 491 8449 martin@atmos.colostate.edu
PFÄFF, Dr Robert IAGA NASA/GSFC Code 696, Greenbelt, Maryland, 21113, USA 301 286 6328 301 286 1648 rob.pfaeff@gssc.nasa.gov	PIERRICK, Givone IAHS Cemagref C/O The Durance, Berry Lane, Upton Warren, Bromsgrove, UK, Lyon, CP 220, France +33 472 20 87 69 +33 478 47 78 75 pierrick.givone@cemagref.fr	PIRJOLA, Dr Risto IAGA Finnish Meteorological Inst. PO Box 503, Helsinki, Fin-00101, Finland +358 9 19294652 +358 9 19294603 risto.pirjola@fmi.fi	PLETCHOV, Dr Pavel IASPEI Moscow State University Moscow, 119899, RUSSIA pavel@cs.ru
PFIRMAN, Professor S. Barnard College/Columbia Univ. 3009 Broadway, New York, 10027, USA 212 854 5120 212 854 5760 spfirman@barnard.columbia.edu	PIETRAFESA, Dr Len IAMAS North Carolina State Univ. Marine Earth Atmospheric Sci., Raleigh, NC, 27695, USA 919-515-3717 919-515-7802 len-pietrafesa@ncs.edu	PISCINI, Dr Alessandro ING-Rome Inst. Nazionale Di Geofisica, Via Di Vigna Murata 605, Rome, 00143, Italy +39 651 860 211 piscini@mar.te.ingrm.it	PLOMEROVA, Dr Jaroslava IASPEI Geophysical Institute Czech Academy of Sciences, Bocni II/1401, Prague 4, 141 31, Czech Republic +420-2-67103049 +420-2-72761549 jpl@ig.cas.cz
PFISTER, Dr Leonhard IAMAS NASA, Ames Research Center Ms 245-5, Moffett Field, California, 94035-1000, USA 650 604 3183 650 604 3625 pfister@lscsci.arc.nasa.gov	PIETRONIRO, Dr Alain IAHS Nat. Water Research Institute 11 Innovation Blvd, Saskatoon, SK, S7N 3H5, Canada 306 975 4394 306 975 5143 al.pietroniro@ec.gc.ca	PITMAN, Professor Andy IAMAS Macquarie University Dept. of Physical Geography, North Ryde, NSW, 2109, Australia +61 2 9850 8425 +61 2 9850 8420 apitman@penman.es.mq.edu.au	PLUMB, Professor Alan IAMAS M.I.T. Cambridge, MA, 54 1712, USA (+1) 617 253 6281 (+1) 617 253 6208 rap@rossby.mit.edu
PHAN, Dr Tai IAGA University of California Space Sciences Lab, Uc, Berkeley, California, 94720, USA 001 510 643 5505 001 510 643 8302 phan@ssi.berkeley.edu	PIKE, Mr Andy University of Natal School of Bio Eng & Enviro Hyd, Private Bag X01, Scottsville, Kwazulu - Natal, 3209, South Africa +27 331 260 5703 +27 331 260 5818 pike@aqua.ccwrc.za	PITTS, MIKE SAIC MS 475, NASA Langley Research Center, Hampton, VA, 23681, USA (757) 864 2693 (757) 864 2671 m.c.pitts@larc.nasa.gov	PLUNKETT, Dr Simon IAGA Univ. Space Research Assoc. Nasa Goddard Space Flight Cen., Mail Code 682.3, Greenbelt, Maryland, 20771, USA 001-301-286 2941 001-301-286 0264 plunkett@kreutz.nascom.nasa.gov
PHILLIPS, Dr Collin IAGA University of Sydney Mathematics Learning Centre, Sydney, New South Wales, 2006, Australia 0061-2-9351 4225 0061-2-9351 5797 collinp@scifac.usyd.edu.au	PIKETH, Mr Stuart IAMAS University of Witwatersrand Climatology Reserach Group, Private Bag 3, Johannesburg, 2050, South Africa 27 11 716 2993 27 11 716 3161 stuart@crg.bpb.wits.ac.za	PIZZAMEI, Dr Marco IAPSO Proudman Oceanographic Lab. Bidston Observatory, Birken Head, L43 7RA, UK +44(0)151 653 8633 +44(0)151 653 6269 osp020@bangor.ac.uk	PODMORE, Dr Francis IAG University of Zimbabwe Department of Physics, PO Box Mp 167, Mount Pleasant, Harare, Zimbabwe 263 4 303211 263 4 333407 podmore@compcentre.uz.ac.zw
PHILLIPS, Dr Thomas IAMAS PCMDI Lawrence Livermore Nat. Lab., Mailcode L-264, Po Box 800, Livermore, California, 94551, USA +1 925 422 0072 +1 925 422 7675 phillips14@llnl.gov	PILIPENKO, Dr Viacheslav Inst of Physics of Earth B Ctruzinskaya 10, Moscow, 123810, Russia 7 095 254 4290 vpilipenko@uipe-ras.scgis.ru	PLAG, Dr Hans-Peter IAG Norwegian Mapping Authority Kartverksveion, Honetoss, N-3511, Norway +47 3211811 +47 32118101 plag@gdiv.statkart.no	POGORELTSEV, Alexander IAMAS Institute of Ionosphere Almaty, 480020, Kazakhstan +7 272 54 8074 pogor@ionos.alma-ata.su
PHILPOT, Dr William IAPSO Cornell University 453 Hollister Hall, Ithaca, New York, 14853, USA (607) 255-0801 (607) 255-9004 wdp2@cornell.edu	PINET, Dr Patrick CNRS Observatoire Midi-Pyrenés, 14 Avenue Edouard Belin, Toulouse, 31400, France 5 61 33 29 65 5 61 33 29 00 patrick.pinet@cnes.fr	PLANE, Dr John IAGA University of East Anglia Sch. of Environmental Sciences, Norwich, NR4 7TJ, UK 01603 759473 01603 507719 j.plane@uea.ac.uk	POKHOTILOV, Oleg Inst. of Physics of The Earth B. Gruzinskayalo, Moscow, 123810, Russia +7 95 254 8805 pokh@uipe-ras.scgis.ru
PHIPPS, Mr Steven Rutherford Appleton Laboratory Chilton, Didcot, England, OX11 0QX, UK 01235 445751 01235 445848 S.J.Phipps@rl.ac.uk	PINSKY, Dr Vladimir IASPEI The Geophysical Inst of Israel PO Box. 2286, Holon, 58122, Israel 972 3 557 6043 972 3 550 2925 vlad@iprg.energy.gov.il	PLASTINO, Dr Wolfango University "Roma Tre" Department of Physics, Via Della Vasca Navale, 84, Roma, 00146, Italy +39 06 55177277 +39 06 5579303 plastino@fis.uniroma3.it	POLLACK, Professor Henry IASPEI University of Michigan Dept. of Geological Sciences, Ann Arbor MI, 48109-1063, USA +1 734 764 1435 +1 734 763 4690 hpollack@umich.edu

POMEROY, Dr John IAHS National Hydrology Res. Centre 11 Innovation Blvd, Saskatoon, Sask, S7N 3H5, Canada 1 306 975 5511 1 306 975 5143 john.pomeroiy@ec.gc.ca	PORTER, Dr John IAMAS University of Hawaii 2525 Correa Road, Honolulu, HI 96822, USA +1 808 956 6483 +1 808 956 3188 jporter@soest.hawaii.edu	PRAKASH, Dr Manju IAGA Suny At Stony Brook Dept. of Physics & Astronomy, Stony Brook, New York, 11794, USA +1 516 246 5914 mprakash@uucleau.physics.sunysb.edu	PRIBNOW, Daniel IASPEI GGA Hannover Stillweg 2, Hannover, D-30655, Germany +49 511 643 3513 +49 511 643 3665 dan.pribnow@gga-hannover.de
POMROY, Dr Hannah IAMAS University of Reading Department of Meteorology, PO Box 243, Reading, RG6 6BB, UK +44 118 987 5123 EXT 7218 +44 118 931 8905	PORTMANN, Dr Robert IAMAS NOAA Aeronomy Lab Noaa R/E/A18, 325 Broadway, Boulder, Colorado, 80303, USA 303 497 7083 303 497 5686 portmann@al.noaa.gov	PRATHER, Professor M. IAMAS UC IRVINE Dept. of Earth System Science, University of California, Irvine, California, 92697 3100, USA 01 949 824 3256 01 949 824 3256 mprather@uci.edu	PRICE, Darren Racal Research Limited Worton Drive, Worton Grange, Industrial Estate, Reading, Berkshire, UK 0118 986 8207 0118 923 8399 darren.price@rrl.co.uk
PONATER, Dr Michael IAMAS DLR Oberpfaffenhofen Inst. Fur Phs. Der Atmosphere, Wessling, D-82230, Germany +49 8153 282539 +49 8153 281841 michael.ponater@dlr.de	PORTNYAGIN, Professor Y Inst. for Experimental Met. Lenin Str. 82, Obninsk, Kaluga, 24920, Russia yportgin@typhoon.obninsk.org	PRATT, MR LARRY Woods Hole Oceanographic Inst. Mail Stop 21, 360 Woods Hole Road, Woods Hole, Massachusetts, 02543, USA 001 506 289 2540 001 506 457 2181 lpratt@whoi.edu	PRICE, Dr Colin IAMAS Tel Aviv University Department of Geophysics, Tel Aviv, 69978, Israel 972-3-6406029 972-3-6409282 cprice@flash.tau.ac.il
PONCIN, Mrs Chantal IAMAS Univ. Catholique De Louvain Inst. Astro. & Geo./G.Lemaitre, 2 Chemin Du Cyclotron, Louvain-La-Neuve, 1348, BELGIUM +32 10 47 30 67 +32 10 47 47 22 poncin@astr.ucl.ac.be	POSCH, Mrs Jennifer IAGA Augsburg College 2211 Riverside Avenue, Minneapolis, Mn, 55454, USA 612 330 1040 612 330 1649 posch@augzburg.edu	PRECH, Dr Lubomir IAGA Charles University Faculty of Mathematics and, Physics, V Holesovickach 2, Prague, 180 00, Czech Republic +420-2-21912319 prech@mbox.troja.mff.cuni.cz	PRICE, Dr Jeremy IAMAS UK Meteorological Office Meteorological Research Unit, Raf Cardington, Shortstown, Bedford, Beds, MK42 0TH, UK 01462 851515 EXT 6584 01234 741693 jdprice@meto.gov.uk
PONOMARENKO, Dr Pavlo IAGA University of Newcastle Department of Physics, Callaghan, NSW, 2308, Australia +61-2-49215566 +61-2-49216907 phpp@alinga.newcastle.edu.au	POSNER, Mr Arik IAGA University Kiel Extraterr. Physik, leap, Leibnizstr. 11, Kiel, 24118, Germany 00 49 431 880 2508 00 49 431 85660 posner@kernphysik.uni-kiel.de	PREEDY, Mr Neil University of Sheffield/Iger North Wyke, Okehampton, Devon, EX20 2SB, UK 01837 82558 01837 82139 neil.preedy@bbsrc.ac.uk	PRICE, James IAPSO WHOI MS 29, Woods Hole, Massachusetts, 02556, USA 508 289 2526 508 457 2163 jprice@whoi.edu
PONOMAREVA, Dr Vera IAVCEI Inst.Vol. Geology &Geochem. Epyzhvsky Per. 7, Moscow, 109017, Russia 7 095 230 8136 7 095 951 0443 ponomareva@geo.tv-sign.ru	POTTELETTE, Dr Raymond CETP Centia De Rechemeché, 4 Av De Neptune, St Maur Dy Fosses, 94107, France 33 1 45 11 42 63	PREGO, Mr Juan-Antonio IAMAS Universidad Complutense Dept. De Geofisica Y Met., Facultad De Ciencias Fisicas, Ciudad Universitaria, Madrid, 28040, Spain +34 91 394 45 13 +34 91 394 43 98 japrego@eucmos.sim.ucm.es	PRICE, Richard University of Waikato School of Science and, Technology, Private Bag 3105, Hamilton, New Zealand 64 7 838 4520 64 7 838 4218 rprice@waikato.ac.nz
PONOMARJOV, Dr Maxim IAPSO Staet Academy of Aviation Tech Promyshlennaya Str.1 Box 22, Tutaev, Yaroslavl Region, 152300, Russia (7 08533) 24260 (7 0855) 528688 pmg@univ.uniyar.ac.ru	POUDJOM Djomani, DR Y. GEMOC Dept of Earth & Planetary Sci., Macquarie University, Sydney, Nsw, 2109, Australia 61 2 9850 9673 61 2 9850 8943 ypoudjom@brunhes.es.mq.edu.au	PRENTICE, Professor Colin IAHS* MPI for Biochemistry Tatzendpromednade 1A, PO Box 10 01 64, Jena, D-07745, Germany +49 364 164 3770 +49 364 164 3775 colin.prentice@bgc-jena.mpg.de	PRIEST, Dr George UNION OREGON Dept. of Geolo. & Mineral Ind., Suite 965, 800 Ne Oregon St 28, Portland, Oregon, 97232, USA 503 731 4100 EXT 225 503 731 4066 george.priest@state.or.us
POOK, Dr Michael IAMAS Antarctic Crc University of Tasmania, GPO Box 252 80, Hobart, Tasmania, 7001, Australia +61 3 6226 2265 +61 3 6226 2973 m.j.pook@utas.edu.au	POULSEN, Dr Caroline A IAMAS UK Met Office London Road, Bracknell, Berkshire, RG12 2SZ, UK 01344 854528 01344 854026 cpoulsen@meto.gov.uk	PRETORIUS, Elisabeth IAHS Technikon Free State Private Bag X 12539, Dept. of Civil Eng. & Building, Blemfontein, 9300, South Africa +2751 5073911 +2751 5073199 lpretori@eng.tofs.ac.za	PRIEUR, LOUIS IAPSO C.N.R.S. Lpcm Villefrance / Mer, 06238, France 0033 493 763 714 prieur@obs-vlfr.fr
POPE, Dr Victoria IAMAS Meteorological Office Hadley Centre, London Road, Bracknell, Berks, RG12 2SY, UK 01344 854655 01344 854898 vdpope@meto.gov.uk	POUTANEN, Mr Markku IAG Finnish Geodetic Institute Geodeetinrinne 2, Masala, Fin-02430, Finland +358 9 29555218 +358 9 29555200 markku.poutanen@fgi.fi	PREUSSE, Mr Peter IAMAS University of Wuppertal Dep. of Physics, Gauss-Str 20, Wuppertal, D-42097, Germany 00 49 202 4392605 00 49 202 4392680 preusse@wpos2.physik.uni-wuppertal.de	PRIKRYL, Paul IAGA Communications Research Centre 3701 Carling Ave, Po Box 11490, Station H, Ottawa, KZH 8S2, CANADA 613 998 2068 613 998 4077 prikryl.cancrc.dgrc.doe.ca
POPOV, Dr Yuri Moscow State Geological Pa Miklukho-Maklai Street, 39-1-191, Moscow, 117485, Russia (095) 3356136 (095) 3390466 yupopov@mgga-sec.msk.ru	POWELL, Ms Kathleen A SAIC 21 Langley Blvd., MS 475, Nasa Larc, Hampton, Va, 23681, USA 757 864 2688 757 864 2671 k.a.powell@larc.nasa.gov		PRILEPIN, Professor M IAG UIPE UL.B.Gruzinskaya, D.10, Moscow, 123810, Russia 7 095 254 0201 7 095 255 6040 prilepin@uipe-ras.scgis.ru

PRINGLE, Malcolm IAGA/IAVCEI Surrec Scottish Anterprise Tech Park, East Kilbride, Scotland, G75 0QF, UK 01355 229898 m.pringle@surrec.gla.ac.uk	PUGH, Dr David IAPSO Southampton Oceanography Cen. Empress Road, Southampton, SO 14 3ZH, UK 01703 59 6611 01703 59 6395 dtp@soc.soton.ac.uk	QUINN, Mr Paul Thomas University of Wales Department of Physics, Aberystwyth, Wales, SY23 3BZ, UK 01970 622 846 ptq94@aber.ac.uk	RAEDER, Dr Joachim IAGA University of California 405 Hilgard Avenue, Los Angeles, California, 90095-1567, USA +310 267 2338 +310 206 3051 jraeder@igpp.ucla.edu
PRITCHETT, Dr Philip IAGA University of California Dept. Physics & Astronomy, 405 Hilgard Avenue, Los Angeles, California, 90095-1547, USA 001-310-825-3637 001-310-206-5668 prichet@physics.ucla.edu	PUGLISI, Giuseppe IAG/IAVCEI IST. Inter. Di Vulcanologia Piazza Roma 2, Catavia, 95123, Italy 39 092 448 084 39 095 43 58 01 geo@iiv.ct.cnr.it	QUINTANILLA, Mr Israel School of Eng. of Cartography C/Valencia 45 Pta 1, Mislata, Valencia, 46920, Spain 630228230/ 963877556 iquinta@cgf.upv.es	RAFFALSKI, Dr Uwe IAMAS Swedish Inst of Space Physics PO Box 812, Kiruna, 98128, Sweden 46 (0) 980 79021 46 (0) 980 79050 uwe.raffalski@irf.se
PROCTOR, Dr Michael IAGA Damp, University of Cambridge Silver St., Cambridge, CB3 9EW, UK 01123 337913 01123 337918 mrep@damp.cam.ac.uk	PULKKINEN, Dr Tuija IAGA Finnish Meteorolog. Inst. PO Box 503, Helsinki, FIN-00101, Finland 358 9 19184654 358 9 19184603 yuija.pulkkinen@fmu.fi	QUINTERO, Ronnie U.N.A. Temporaly Vaktargatan, Via 4ZC, Uppsals, Sweden, Costa Rica 18 4711473 rq@geofys.uu.se	RAGA, Dr Graciela UNION UNAM Cent. De Ciencias De La Atmos., Ciudad Universitaria, Mexico City, 04510, Mexico (52-5) 622 4053 (52-5) 622 4248 raga@servidor.unam.mx
PROSHUTINSKY, Dr Tatiana IAPSO University of Alaska Sch. of Fisheries & Ocean Sci., 245 O'neill Bldg. Po Box 757220, Fairbanks, Alaska, 99775-7220, USA 907 474 7834 907 474 7204 fstop@aurora.alaska.edu	PULKKINEN, Mr Antti IAGA Finnish Meteorological Inst. PO Box 503, Helsinki, Fin-00101, Finland +358-9-19294723 +358-9-19294603 antti.pulkkinen@fmi.fi	QUIRMBACH, Mr Markus IAHS RUHR-Universitat Universitätsstrasse 150, Ihwmet, Bochum, D-44780, Germany ++49 234 700 6259 ++49 234 709 4153 markus.quimbach@ruhr-uni- bochum.de	RAMANATHAN, Dr V. IAMAS University of California Scripps Inst. of Oceanography, 9500 Gilman Drive, La Jolla, California, 92093 0221, USA 619 534 8815 619 822 1632 vramanathan@ucsd.edu
PROSHUTINSKY, Professor A IAPSO University of Alaska School of Fisheries and Ocean, Sciences, 245 O'neill Building, PO Box 757220, Fairbanks, Alaska, 997757220, USA 907 474-7834 907 474-7204 prosh@ims.alaska.edu	PUNTODEWO, Dr S.S.O. IAG Bakosurtanal JL. Raya Jakarta-Bogor FM-46, Cibinong, 16911, Indonesia 62 21 875 16 55 62 21 879 01 254 pdnmdg8@cabi.net.id	RABINOVICH, Dr Alexander IAPSO/IASPEI IORAS/IOS PO BOX 6000, 9860 West Saanich Road, Sidney, British Columbia, V8L 4B2, Canada +1 250 363 6615 +1 250 363 6746 RabinovichA@pac.dfo-mpo.gc.ca	RAMAPRASAD, Dr Jaya IAMAS NASA / GMU 213 West Cedar Lane, Fruitland, Maryland, 21826, USA +1 410 860 8499 jaya@climate.ssf.nasa.gov
PROVAN, Gabby Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	PURUCKER, Dr Michael IAGA Raytheon ITSS Goddard SP.Flt CT, 13420 Montvale Drive, Silver Spring, Maryland, 20904, USA 1 301 286 4736 1 301 286 1616 purucker@geomag.gsfc.nasa.gov	RACETTE, Paul NASA/GSFC Mail Code 975, Greenbelt, Maryland, 20771, USA 301 614 5653 301 614 5558 per@priam.gsfc.nasa.gov	RAMARAJU, DR H.K. IAHS Bangalore University UGC-DSA CEN.In Fluid Mechanics, Dept. of Mathematics, Bangalore, 560 001, India 080 2220483/ 2219714 91 080 2259843 dsamath@blr.vsnl.net.in
PROWSE, Dr Terry IAHS NWRI, Environment Canada 11 Innovation Blvd, Saskatoon, S7N 3H5, Canada 306 975 5737 306 975 5143 terry.prowse@ec.gc.ca	QIAN, Professor Jiadong IASPEI China Seismological Bureau Center for Analysis & Predict, 63 Fuxing Avenue, Beijing, 100029, China +86 10 8801 5514 +86 10 6821 0995 wangcq@cap.ac.cn	RADHAKRISHNA, Dr T. IASPEI Earth Sciences Studies Akkalum, Trivandrum, 695 031, India 0091 471 323843 0091 471 333612/ 333614 coral@giasmd01.vsnl.net.in	RAMASWAMY, Dr V. IAMAS Princeton University NOAA/GFDL, PO Box 308, Forrestal Campus, Princeton, 08542, USA 609 452 6510 609 987 5063 vr@gfdl.gov
PRUNER, Dr Petr IAGA Inst. of Geo., Academy of Sci. Rozvojova 135, Prague 6-Lysolaje, 165 02, Czech Republic ++420 220 922 628 inst@gli.cas.cz	QUIDELLEUR, Dr Xavier IAGA IPGP Lab. Geochronologie UPS, Bat. 504, Sciences De La Terre, Paris, 91405, France 33 1 69 15 48 87 33 1 69 15 48 91 quidel@geol.u-psud.fr	RADICK, Dr Richard Air Force Research Laboratory National Solar Observatory, PO Box 62, Sunspot, New Mexico, 88349, USA 505 434 7035 505 434 7029 radick@sunspot.noao.edu	RAMESH, R IAHS Anna University India
PRYSE, Dr S. Eleri IAGA University of Wales Dept. of Physics, Penglais, Aberystwyth, Ceredigion, SY23 3BZ, UK 01970 622801 01970 622826 sep@aber.ac.uk	QUINN, Dr Paul IAHS Univ. of Newcastle Upon Tyne Dept. of Civil Engineering, Newcastle Upon Tyne, NE1 7RU, UK 0191 222 6000 0191 222 6669 p.f.quinn@ncl.ac.uk	RADULIAN, Dr Mircea IASPEI Nat. Inst. for Earth Physics PO Box Mg-2, Bucharest, 76900, Romania 40 1 4930118 mircea@infp.ro	RAMIS, Dr Clement IAMAS University of Balearic Islands Palma De Majorca, 07071, Spain +34 971 173220 +34 971 173426 cramis@uib.es
PU, Professor Zuyiz IAGA Peking University Department of Geophysics, Beijing, 100871, China 86 10 62885668 86 10 62754294 zypupku.edu.cn	QUINN, Mr John IAGA 2732 South Broun Way, Lakewood, Colorado, 80228, USA 001-303-273 8475 001-303-273 8600 jqunn@usgs.gov	RAE, Mr Jonny Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	RANALLI, Professor G IASPEI Carleton University Dept. of Earth Sciences, Ottawa, Ont., K1S 5B6, Canada 001-613-520-4397 001-613-520-4490 granalli@ccs.carleton.ca

RANDALL, Dr David IAMAS Colorado State University Atmospheric Science Dept., Fort Collins, Colorado, 80523 1371, USA 970 491 8474 X8428 randall@atmos.colostate.edu	RASMUSSEN, Ole IAGA Danish Meteorological Inst. Lyngbyvej 100, Copenhagen, DK-2100, DENMARK 45 39 15 74 75 45 39 15 75 38 or@dmi.dk	READING, Dr Anya IASPEI University of Edinburgh Grant Institute, West Mains Road, Edinburgh, Scotland, EH9 3JW, UK 0131 650 4915 0131 668 3184 anya@wail.glg.ed.ac.uk	REIGBER, Professor C. IAGA GFZ Potsdam Telegrafenberg A 17, Potsdam, 14473, Germany +49 331 288 1100 +49 331 288 1111 reigber@gfz-potsdam.de
RANDEL, Dr William IAMAS Ncar 1850 Table Mesa Drive, PO Box 3000, Boulder, Colorado, 803073000, USA 303 497 1439 303 497 1492 randel@ucar.edu	RASPOPOV, Professor Oleg IAGA SPBF Izmiran Muchnoy Per. 2, PO BOX 188, ST. Petersburg, 191023, Russia 7-812-310-52-32 7-812-310-50-35 oleg@omr.izmi.ras.spb.ru	REBSCHER, Dr Dorothee Institute of Geology Applied Geophysics, Nussallee 8, Bonn, D-53115, Germany 0049-228-732 353 0049-228-732 584 rebscher@geo.uni-bonn.de	REILINGER, DR ROBERT IAG M.I.T ERL/MIT E34-406, 42 Carleton St, Cambridge, Massachusetts, MA-02139, USA 1 617 253 7860 1 617 253 6385 reilinge@erl.mit.edu
RANDLE, Mrs Jane IAVCEI Open Univ. Geological Society 1 Bell Close, Cassington, Witney, OX8 1EP, UK 01865-880606 janerandle@patrol.i-wat.co.uk	RASSON, Dr Jean L IAGA Royal Meteorological Institute Centre De Physique Du Globe, Dourbes, B-5670, Belgium +32 60 395442 +32 60 395423 jr@oma.be	REDDY, Dr V R IAGA Indian Inst. of Geomagnetism Dr Nanabhoy Moos Road, Colaba, Nr. R.C. Church, Mumbai, 400005, India 91 22 2189569 91 22 2189568 vreddy@iig.res.in	REINER, Dr Michael IAGA NASA/GSFC CODE 690.2, Greenbelt, Md, 20771, USA 001 301 286 2595 001 301 286 1681 reienr@urap.gsfc.nasa.gov
RANGO, Dr Albert IAHS Hydrology Laboratory USDA/ARS/BARC-W, Bldg 007, Room 104, Beltsville, Maryland, 20705, USA 301 504 8700 301 504 8931 alrango@hydrolab.arsusda.gov	RAU, Mr Steffen IAGA Institut Für Geophysik Herzberger Landstrasse 180, Göttingen, 37075, Germany +49-557-397467 +49-557-397459 srau@willi.uni-geophys.gwdg.de	REED, Dr Duncan Institute of Hydrology Crowmarsh Gifford, Wallingford, Oxfordshire, OX10 8BB, UK 01491 838800 01491 692430 d.reed@ioh.ac.uk	REMEDIOS, Dr John IAMAS Oxford University AOPP, Department of Physics, Clarendon Lab, Parks Road, Oxford, OX1 3PU, UK 01865-766 044 01865-272 917 j.remedios@physics.ox.ac.uk
RANGUELOV, Dr Boyko IAPSO Bulgarian Academy of Sciences Geophysical Institute, Acad. G. Bonchev STR. Bl.3, Sofia, 1113, Bulgaria 359 2 9793935 359 3 700226 bkr@geophys.bas.bg	RAVAT, Professor D IAGA Southern Illinois University Department of Geology Ms4324, Carbondale, Illinois, 62901-4324, USA 618 453 7352 618 453 7393 ravat@geo.siu.edu	REEVES, Dr Claire University of East Anglia School of Environmental Sci., Norwich, NR4 7TJ, UK 01603 593625 01603 452420 c.reeves@uea.ac.uk	RENFREW, Dr Ian IAMAS British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01233 221486 i.renfrew@bas.ac.uk
RANKIN, Dr Robert IAGA University of Alberta Physics Department, Edmonton, Alberta, T6G 2JL, Canada 760-492-6568 760-492-0714 rankin@space.ualberta.ca	RAVISHANKARA, Dr A IAHS NOAA/ERL Aeronomy Lab. 325 Broadway R/E/AL2, Boulder, Colorado, 80303, USA 303 497 5821 303 497 5822 ravi@al.noaa.gov	REEVES, Dr Geoffrey IAGA Los Alamos National Lab Mail Stop D-466, Los Alamos, New Mexico, 87545, USA +1 505 665 3877 +1 505 665 7395	RENNEN, Mr Markus IAG Tech. Univ. of Braunschweig Gausstr. 22, Braunschweig, 38106, Germany 49 531 391 7485 49 531 391 7499 m.rennen@tu-bs.de
RANTA, Mr Aarne IAGA Sodankyla Geophysical Observ. Tahtelantie 112, Sodankyla, Fin-99600, Finland +358 16 619818 +358 16 16619875 qqrne-ranta@sgd.fi	RAY, Dr Eric IAMAS NOAA/CMDL MS R/E/CG1, 325 Broadway, Boulder, 80303, USA 303 497 7628 303 497 7850 eray@cmdl.noaa.gov	REEVES, Professor Colin IAGA ITC Kanaalweg 3, Delft, 2628 EB, The Netherlands 31 15 274 8847 31 15 262 3961 reeves@itc.nl	RENTSCH, Mr Matthias IAG GFZ Potsdam Division 1, Section 1.2, C/O DLR Oberpfaffenhofen, Wessling, 82234, Germany +49 8153 281267 +49 8153 281207 rentsch@gfz-potsdam.de
RAPALINI, Professor A.E. IAGA University of Buenos Aires Pabellon 2, Buenos Aires, 1428, Argentina 54 11 45763329 54 11 4 788 3439 rapalini@gl.fcen.uba.ar	RAY, Dr Jim IAG U.S Naval Observatory EO Department, 3450 Massachusetts Ave, Nw, Washington, DC, 20392-5420, USA 202 762 1444 202 762 1563 jimr@maia.usno.navy.mil	REID, Alan IAG/IAGA Reid Geophysics 49 Carr Bridge Drive, Leeds, L516 7LB, UK 0113 261 0252 0113 293 0062 alan@reidgeophysics.freeserve.co.uk	RESOVSKY, Dr Joseph IASPEI University of Colorado Department of Physics, Campus Box 390, Boulder, Colorado, 80309-0390, USA 001-303-735 1850 001-303-492 7935 resovsky@abdu.colorado.edu
RAPLEY, Professor Chris UNION British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221524 01223 350456 c.rapley@bas.ac.uk	RAY, Mr Richard IAG NASA Gsf, Code 926, Greenbelt, Maryland, 20771, USA 001-301-286 3691 001-301-286 1760 richard.ray@gssc.nasa.gov	REID, Dr Iain IAGA University of Adelaide Physics, Adelaide, South Australia, 5005, AUSTRALIA +61 8 8303 5042 +61 8 8303 4384 ireid@atrad.com.au	RESTIVO, Mr Andrea IASPEI University of Bristol Department of Earth Sciences, Wills Memorial Bldg/Queens Rd, Bristol, BS8 1RJ, UK 0117 954 5245 0117 925 3385 a.restivo@bristol.ac.uk
RAPOSO, Dr M Irene B IAGA University of Sao Paulo Rua Do Logo 562, Gidede Uni, San Paulo, 05508-900, Brazil +11 818 3813 +11 818 3994 irene@usp.br	RAYNER, Dr Peter IAMAS Meteorology Crc Csiro Par, Pmb 1 Aspendale, Victoria 3195, 3195, Australia 61 03 9239 4563 61 03 9239 4444 pjr@dar.csiro.au	REID, Dr Stephen J. IAMAS NOAA Aeronomy Laboratory 325 Broadway, Boulder Colorado, 80303, USA +303 497 7942 +303 497 5373 sreid@al.noaa.gov	

RETSCHER, Dr Guenther IAG Vienna University of Tech. Dept. of App. & Eng. Geology, Gusshausstrasse 27-29, E128/3, Vienna, A-1040, Austria 43 1 58801-12847 43 1 58801-12895 gretsch@pop.tuwien.ac.at	RICHMOND, Dr Arthur IAGA NCAR-HAO PO Box 3000, Boulder, Co, 80307- 3000, USA +13034971570 +13034971589 richmond@ucar.edu	RILEY, Ms Colleen IAVCEI Michigan Technological Univ. Geological Engineering & Sci., 1400 Townsend Drive, Houghton, Michigan, 49931, USA 906 487 3098 906 487 3371 cmriley@mtu.edu	RIVETT, Dr Michael University of Birmingham School of Earth Sciences, Edgbaston, Birmingham, B15 2TT, UK 0121 414 3957 0121 414 4942 m.o.rivett@bham.ac.uk
RETTNERER, Dr John IAGA AFRL AFRL/VSBP, 29 Randolph Road, Hanscom AFB, Massachusetts, 01731, USA 781 377 3891 781 377 9950 retterer@ph.af.mil	RICHTER, Dr Bernd IAG B.K.G. Richard Strauss Allee 11, Franckfurt, D- 60598, Germany +49 69 6333 273 +49 69 6333 425 richter@ifag.de	RILEY, Professor Steven University of Western Sydney Nepean, PO Box 10, Kingswood, 2747, AUSTRALIA +61 47 360282 +61 47 360833 s.riley@uws.edu.au	RIVIERE, Dr Florence EURO. MED. Seismological Cent. C/O L.D.G., BP12, Bruyeres-Le-Chatel, F-91680, France 33(0)169267814 33(0)169267000 riviere@ldg.bruyeres.cea.fr
REVELL, Dr Michael IAMAS NIWA PO Box 14901, Kilbirnie, Wellington, New Zealand 0064-4-386 0328 0064-4-368 2153 m.revell@niwa.cri.nz	RICKARDS, Lesley IAPSO B.O.D.C. Bidston Observatory, Bidston Hill, Prenton, CH43 7RA, UK 0151 653 8633 0151 652 3950 ljr@cems.ac.uk	RIM, Dr Hyung-Jin IAG Center for Space Research 3925 W. Braker Ln, Austin, Texas, 78759, USA 512 491 9931 512 471 3570 rim@csr.utexas.edu	RIZOS, Professor Chris IAG University of New South Wales School of Geomatic Engineering, Sydney, New South Wales, 2052, Australia +61-2-93854205 +61-2-93137443 c.rizos@unsw.edu.au
REX, Dr Markus IAMAS JET Propulsion Laboratory 4800 Oak Grove Drive, Pasadena, CALIFORNIA, 9110-98099, USA ++1 818 354 4941 ++1 818 354 5148 mrex@cesar.jpl.nasa.gov	RIDLEY, Dr Aaron IAGA South-West Research Institute 6220 Culebra Road, San Antonio, 78238, USA +1 210 522 6980 +1 210 647 4325 aridley@swri.edu	RINGER, Dr Mark U.K.M.O London Road, Bracknell, Berks, RG12 2SZ, UK 01344 854526 01344 854412 maringer@meto.gov.uk	ROADNIGHT, Miss Carol IAMAS The University of Leeds The Environment Centre, Leeds, West Yorkshire, LS2 9JT, UK 0113 2336744 0113 2336716 carol@lec.leeds.ac.uk
REY, Dr Daniel Universidad De Vigo Vigo, Spain +34 98 681 2652 danirey@uviop.es	RIEMANN, Mr Uwe Hgn Hydrogeologie GMBH Rothenburg Str. 10-11, Noroehausen, 99734, Germany 0 3631 5430 0 3631 600 326 u.riemann@hgn-online.de	RIOS, Professor Victor H IAG/IAGA University of Tucuman Lavalle 1838, S.M. De Tucuman, 4000, ARGENTINA +54 381 4242183 +54 381 4364096 vrios@herrera.unt.edu.ar	ROADS, Dr John IAMAS Scripps Inst Oceanography UCSD, 0224, La Jolla, California, 92093, USA 619 534 2099 619 534 8561 jroads@ucsd.edu
RHEW, Mr Robert Scripps Inst. of Oceanography 8282 Regents Road, #302, San Diego, California, 92122-1383, USA (858) 534 2599 (858) 822 3310 rod@gasiab.ucsd.edu	RIENTJES, Tom IAHS Delft University of Technology The Netherlands	RIPPETH, Dr Tom University of Wales, Bangor School of Oceansciences, Monai Bridge, Anglessy, LL59 5PW, UK 01248 382894 01248 716367	ROBERTS, Dr Andrew IAGA University of Southampton Southampton Oceanography Ctr., European Way, Southampton, England, SO14 3ZH, UK 01703 593786 arob@soc.soton.ac.uk
RHOADES, Dr David IASPEI Inst. of Geolog. & Nucl. Science PO Box 30-368, Lower Hutt, New Zealand 0064-4-570-4680 0064-4-570-4600 d.rhoades@gns.cri.nz	RIESE, Professor Dr M IAMAS University of Wuppertal Physics Department, Wuppertal, 42097, Germany +49 202 4392779 +49 202 4392680 RIESE@WPO52.PHYSIK.UNI- WUPPERTAL.DE	RISHBETH, Professor Henry IAGA University of Southampton Dept. of Physics & Astronomy, Southampton, SO17 1BJ, UK 01703 592073 01703 593910 hr@phys.soton.ac.uk	ROBERTS, Dr David IAMAS Hadley Centre London Road, Bracknell, RG12 2SY, UK 01344-856645 01344-85898 dlroberts@meto.gov.uk
RIBEIRO, Dr Helena IPCC Ra Artilharia Um, No 107, Lisboa, 1099- 052, Portugal +351 1 381 96 46 +351 1 381 96 96 lenarib@ipcc.pt	RIGGIN, Dr Dennis IAMAS Colorado Research Associates 3380 Mitchell Lane, Boulder, Colorado, 80301, USA (303)415-9701 (303)415-9702 riggin@colorado-research.com	RITCHIE, Jerry C. IAHS USDA ARS Hydrology Lab. Barc-West, Building 007, Beltsville, MD 20705, USA 1 301 504 8717 1 301 504 8931 sritchie@hydrolab.arsusda.gov	ROBERTS, Dr Gethin IAG University of Nottingham lessg, Nottingham, NG7 2RD, UK 44(0) 115 951 3933 44(0) 115 951 3881 gethin.roberts@nottingham.ac.uk
RICARD, Dr Yanick IASPEI ENS-CNRS AV. D'italie, Lyon, 69000, France 0033 4 7272 84 05 ricard@ens-lyon.fr	RIJNBEEK, Dr Richard IAGA University of Sussex Space Science Centre, School of Cpes, Brighton, BN1 9QH, UK 01273 678 699 01273 678 097 r.p.rijnbeek@sussex.ac.uk	RITCHIE, Ms Lucy University of Luton Centre for Volcanic Studies, Dept. of Geology, Park Square, Luton, LU1 3JU, UK 01582 743428 01582 489212 lucy.ritchie@luton.ac.uk	ROBERTS, MR NIGEL UK Met. Office JCMU, University of Reading, Reading, Berkshire, RG6 6BB, UK 0118 931 6522 0118 931 8791 nmroberts@meto.gov.uk
RICHARD, Mr Eugene D IAGA 220 Putters Lane, Slidell, Louisiana, 70460, USA 504-643-5806 eric102426@aol.com	RILEY, Dr Teal IAVCEI British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 44 1223 221423 44 1223 362616 T.RILEY@BAS.AC.UK	RITSCHER, Mr Berned IAG GFZ Potsdam Telegrafenberg A3, Potsdam, 14473, Germany +49 331 288 1685 +49 331 288 1703 rit@gfz-potsdam.de	ROBERTS, Professor Paul IAGA UCLA Institute of Geophysics &, Planetary Physics, Los Angeles, California, 90095, USA 310 206 2707 310 206 3051 roberts@math.ucla.edu

ROBERTSON, Dr Douglas IAG National Geodetic Survey 2952 Sand Dollar Court, Longmont, Co, 50503, USA 303 492 3964 303 492 5070 doug@tmgo.colorado	RODDY, Dr Aodhagan IAMAS National Univ. of Ireland Meteorology Section, Martin Ryan Marine Sci. Inst., Galway, Ireland 353 91 750441 353 91 525005 aodhagan.oroaighe@nuigalway.ie	ROEMER, Dr Alexander IAGA Geological Survey of Austria Dept. of Geophysics, Nordbergstr.17, Vienna, A-1090, Austria +1 31336 8412 +43 1 31336 775 aroemer@cc.geolba.ac.at	ROOM, Professor Rein IAMAS Tartu Observatory Toravere, Tartumaa, 61602, Estonia 372 7-410258 372 7-410205 aarn@aai.ee
ROBERTSON, Dr Franklin IAMAS NASA/MSFC/GHCC 3031 Augusta Trace, Owens Cross Roads, Alabama, 35763, USA W:2569225836,H:2565363985 256 922 5723 pete.robertson@msfc.nasa.gov	RODE, Mr Michael UFZ CEN. For Environmental Res Brueckstrasse 3A, Magdeburg, D-39114, Germany ++49 391 8109 650 rode@gm.ufz.de	ROEMMICH, Professor Dean IAPSO University of California Scripps Inst.of Oceanography, Physical Oceanography Res. Div, La Jolla, California, 92093-0230, USA 619 534 2307 619 534 9820 droemmich@ucsd.edu	ROONEY, Dr Gabriel IAMAS UK Meteorological Office Meteorological Research Unit, Raf Cardington, Shortstown, Bedford, Beds, MK42 0TH, UK 01462 851515 EXT 6576 01234 741693 ggrooney@meto.gov.uk
ROBINSON, Allan IAPSO Harvard University Division Eng. & Applied Sci., Pierce Hall, Cambridge, Massachusetts, 02138, USA +1 617 495 2819 +1 617 495 5192 robinson@pacific.harvard.edu	RODGER, Dr Alan IAGA/IAMAS British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221551 01223 221226 a.rodger@bas.ac.uk	ROHLING, Dr Eelco Southampton Oceanography Cen. Southampton, SO14 3ZH, UK 01703593042 01703 593059 e.rohling@soc.solom.ac.uk	ROSBJERG, Dr Dan IAHS Technical Univ. of Denmark Department of Hydrodynamics, and Water Resources, Bldg 115, Lyngby, DK-2800, Denmark +45 4525 1449 +45 4593 2860 dan@isva.dtu.dk
ROBINSON, Mr Terry Leicester University University Road, Leicester Road, LE1 7RH, UK 0116 252 2400	RODGER, Dr Craig IAGA British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 01223 221400 01223 221226 cjro@mail.nerc-bas.ac.uk	ROJAS, Ms Maisa Oxford University Atmoapheric Physics, Clarendon Lab., Parks Road, Oxford, OX1 3PU, UK 01865 272930 01865 272923 mhrc@atm.ox.ac.uk	ROSCOE, Dr Howard K IAMAS British Antarctic Survey Madingley Road, Cambridge, England, CB3 0ET, UK h.roscoe@bas.ac.uk
ROBOCK, Professor Alan IAMAS Rutgers University Dept. of Environmental Sci., 14 College Farm Road, New Brunswick, NJ, 08901-8551, USA +1 732 932 9478 +1 732 932 8644 robock@envsci.rutgers.edu	RODGERS, Dr David IAGA DERA Room G081 A-8 Building, Farnborough, Hants, GU14 0LX, UK 01252 394297 01252 396330 djroddgers@scs.dera.gov.uk	ROLLASON, Miss Rosemary IAGA University of East Anglia School of Environmental, Sciences, Norwich, NR4 7TJ, UK 01603 592348 01603 507719 r.rollason@uea.ac.uk	ROSE, Mr Fred IAMAS AS&M/NASA Langley 1 Enterprise Parkway, Hampton, Virginia, 23666, USA (757) 827 4649 f.g.rose@larc.nasa.gov
ROCCHI, Miss Valentina IAVCEI University College of London Dept. of Geological Sciences, Gower Street, London, WC1E 6BT, UK 0171 504 2360 0171 388 7614 ucfbvro@ucl.ac.uk	RODGERS, Mr Keith MPI Meteorologie Bundesstrasse 55, Hamburg, 20146, GERMANY 49 40 41173 371 49 40 41173 298 rodgers@dkrz.de	ROMANOV, Dr Peter NOAA/NESDIS WWB 712, 5200 Auth Road, Camp Springs, Maryland, 20746, USA (301) 763 8042 promanov@nesdis.noaa.gov	ROSE, Professor William IAVCEI Michigan Tech. University Wills Memorial Building, Queens Road, Bristol University, Bristol, BS8 1RJ, UK 0117 9545243 0117 9253385 w.i.rose@bristol.ac.uk
ROCHETTE, Professor P IAGA CEREGE BP80, Aix En Provence Cedex 4, 13545, France 33 442971562 33 442971549 rochette@cerege.fr	RODRIGUEZ, Professor Jose IAMAS University of Miami RSMAS/MAC, 4600 Rickenbacker Causeway, Miami, Florida, 33134, USA 01 305 361 4156 01 305 361 4689 jrodriguez@rsmas.miami.edu	ROMANOWICZ, Professor B IASPEI University of California Seismological Laboratory, 215 McCone Hall, Berkeley, California, 94720, USA 001-540-643 5690 001-540-643 5811 barbara@seismo.berkeley.edu	ROSENBERG, Professor T IAGA University of Maryland IPST, College Park, Maryland, 20742-2431, USA 001 301 405 4895 001 301 314 9363 ROSENBERG@VARC.UMD.EDU
ROCKEL, Dr Burkhardt IAHS/IAMAS GKSS Research Centre Max-Planck-Strasse, Geesthacht, 21502, Germany +49 4152872008 +49 4152872020 rockel@gkss.de	RODWELL, Dr Mark IAMAS Meteorological Office Hadley Centre, London Road, Bracknell, RG12 2SY, UK 01344 856751 01344 854898 mjrودwell@meto.gov.uk	ROMANYUK, Tanya IASPEI Institute Physics of The Earth B Gruzinskay Str.10, IPE, Moscow, 123810, Russia 7 095 254 23 27 t.romanyuk@relcom.zu	ROSENFELD, Dr Daniel IAMAS The Hebrew Univ. of Jerusalem Dept of Atmospheric Sciences, Jerusalem, 91904, Israel 972 2 6585821 972 2 6512372 daniel@vms.huji.ac.il
RODDA, Dr Harvey J.E. IAHS Risk Management Solutions Ltd. 10 Eastcheap, London, EC3M 1AJ, UK 0171 256 3821 0171 256 3838 harvey.rodde@riskinc.com	ROEDER, Dr James IAGA Aerospace Corporation Mail Stop M2-360, PO Box 92957 Los Angeles, CA, 90009, USA +1-310-336-7081 +1-310-336-1636 james.l.roeder@aero.org	ROMICK, Dr Gerald IAGA JHU Applied Physics Lab 11100 Johns Hopkins Road, Laurel, Maryland, 20723, USA ++1 240 228 6353 ++1 240 228 6670 gerald.romick@jhuapl	ROSENLOF, Dr Karen IAMAS NOAA NOAA Aeronomy Laboratory, 325 Broadway, R/E/A16, Boulder, Co, 80303, USA 1 303-497-7761 1 303-497-5373 rosenlof@al.noaa.gov
RODDA, Dr John IAHS Int. Assoc. of Hydro. Sciences Ynyslas, Brightwell Cum Sotwell, Wallingford, OX10 0RG, UK 01491 837 539 01491 826 985 106201.1774@compuserve.com	ROELANDT, Dr. Caroline Max Planck Institute PO Box 10 01 64, Jena, D-07701, Germany +49 3641 64 3788 +49 3641 64 3789 caroline.roelandt@bgc-jena.mpg.de	ROOD, Dr Richard NASA Goddard Space Flight Cen. Laboratory For Atmospheres, Code 910.3, Greenbelt, Maryland, 20771, USA 301 614 6155 301 614 6297 rrood@dao.gsfc.nasa.gov	ROSIER, Dr Suzanne IAMAS University of Reading Department of Meteorology, Earley Gate, Whiteknights, Reading, RG6 6BB, UK 0118 987 5123 EXT 7883 0118 931 8905 s.m.rosier@reading.ac.uk

ROSSA, Dr Andrea IAMAS Swiss Meteorological Institute Krahbuhlstrasse 58, Zurich, CH 8044, Switzerland +41 1 256 95 39 +41 1 256 92 78 andrea.rossa@swa.ch	ROULT, Dr Genevieve IASPEI Institut De Physique Du Globe 4 Place Jussieu, Paris Cedex 05, 75252, France 33 1 44 27 38 99 33 1 44 27 38 94 groutl@ipgg.jussieu.fr	RUBINO, Angelo University of Hamburg Inst. Fuer Meereskunde, Troplowitzstr. 7, Hamburg, D-22529, Germany +49 40 42838 6518 +49 40 42838 7513 rubino@ifm.uni-hamburg.de	RUNNING, Dr Steve University of Montana School of Forestry/NTsg, Science Complex Bldg-Rm. 428, Missoula, Montana, 59812, USA (406) 243 6311 (406) 243 4510 swr@ntsug.umd.edu
ROSSOW, Dr William IAMAS NASA Goddard Institute Institute for Space Studies, 2880 Broadway, New York, NY 10025, USA 001-212-678-5567 001-212-678-5622 wrossow@giss.nasa.gov	ROVIRA, Dr Marta IAFE CC 67 SUC 28, Buenos Aires, 1428, Argentina 54 1 789 0179 54 1 786 8114 rovira@iafe.uba.ar	RUDERMAN, Dr Michael IAGA University of St Andrews School of Mathematics, & Computer Sciences, Fife, KU16 9SS, UK 01334 463737 01334 463748 michaelr@dcs.st-and.ac.uk	RUOHONIEMI, Dr J Michael IAGA The Johns Hopkins University Apl, 11100 Johns Hopkins Road, Laurel, Maryland, 20723-6099, USA 240 228-4572 240 228-6670 mike_ruohoniemi@jhuapl.edu
ROSTOKER, Professor G IAGA University of Alberta Physics Department, Edmonton, Ab, T6G 2JL, Canada 780-492-1061 780-492-4256 rostoker@space.ualberta.ca	ROWE, Ms Charlotte IASPEI New Mexico Tech Dept. of Earth & Env. Sci., Campus Station, Socorro, New Mexico, 87801, USA 001-505-835-5691 001-505-835-6436 char@dutchman.nmt.edu	RUDOLPH, Professor Jochen UNION York University 006 Steacie Science Building, 4700 Keele St., Toronto, Ontario, M3J 1P3, CANADA 416 736 5410 416 736 5411 rudolphj@yorku.ca	RUPOLO, Dr V IAPSO E.N.E.A. V.S. Maria Di Galeria 301, Roma, 00060, Italy ++39 06 3048 4988 ++39 06 3048 4264 volfango@canaletto.casa.emea.it
ROTH, Dr Frank IASPEI GFZ POTSDAM Section 2.1, Telegrafenberg, Potsdam, D-14473, Germany +49 331 1210 +49 331 288 1203 roth@gfz-potsdam.de	ROWLAND, Harvey IAGA Naval Research Laboratory 4555 Ovenlook Ave SW, Washington DC, 20375 5000, USA 202 767 6644 nowland@ppd.nrl.navy.mil	RUDOLPH, Stephan IAG University of Bonn Institute of Theoretical, Geodesy, Nussallee 17, Bonn, 53115, Germany +49 228 733578 +49 228 733029 stephantheor.geod.uni-bonn.de	RUSSELL, Don IAG University of British Columbia Dept. Earth & Ocean Sciences, (Geophysics), Vancouver, V6T 1Z4, CANADA +1 604 822 2551 +1 604 822 6047 russel@geop.ubc.ca
ROTH, Dr Ilan IAGA University of California Space Sciences, Berkeley, CA, 94720, USA 1 510 642 1327 1 510 643 9302 ilan@aal.berkeley.edu	ROY, Dr Sukanta IASPEI NGRI PO Bag 724, Hyderabad, 500007, India 91 040 7170141 91 040 7171564/7170491 postmast@csngri.res.nic.in	RUEGER, Dr Jean M. IAG Univers. of New South Wales Geomatic Engineering, University of New South Wales, Sydney NSW, 2052, Australia 0061-2-9385-4173 0061-2-9313-7493 j.rueger@unsw.edu.au	RUSSELL, Dr Philip IAMAS NASA Ames Research Center MS 245-5, Moffett Field, California, 94035-1000, USA 1 650 604 5404 1 650 604 6779 prussell@mail.arc.nasa.gov
ROTHACHER, Dr Markus IAG University of Berne Astronomical Inst., Sidlerstrasse 5, Berne, CH 3012, Switzerland ++41 31 631 8591 ++41 31 631 3869 markus.rothacher@aiub.aiub.unibe.ch	ROY, Professor Kalyan K IAGA/IASPEI Indian Inst. of Technology Dept. of Geology and Geophysic, Kharagpur, 721302, India 0091 3222 8 3378 3379 0091 03222 55303 kkroy@gg.iit kgp.einel.in	RUESTER, Dr Ruediger IAGA MPAE Max-Planck-Str. 2, Katlenburg-Lindau, D-37191, Germany +49 5556 979 455 +49 5556 979 6455 rrueste@linmpi.mpg.de	RUSSELL, Professor Chris IAGA UCLA University of California, Institute of Geophysics, Los Angeles, California, 90095-1567, USA 1-310-825-3188 1-310-206-3051 ctrussel@igpp.ucla.edu
ROTHKAEHL, Hanna IAGA Space Research Center Poland	ROYER, Professor Thomas IAPSO Old Dominion University Ccpo/Dept. of Ocean, Earth & Atmospheric Sciences, Norfolk, Virginia, 23529, USA 01 757 683 5547 01 757 683 5550 royer@ccpo.odu.edu	RUI, Hualan UNION Raytheon Daac/Nasa/Gsfc Greenbelt, 20771, USA 301 614 5200 rui@daac.gsfc.nasa.gov	RUSSELL, Professor Dr A J Keele University Department of Earth Sciences, Keele, Staffordshire, ST5 5BG, UK 01782 584303 01782 715261 a.j.russell@keele.ac.uk
ROTTGER, Dr Jürgen IAGA MPAe Max-Planck-Strasse 2, Kaltenburg - Lindau, 37191, Germany 0049-5556 979163 0049-5556 979240 roettger@linmpi.mpg.de	ROZLUSKI, Mr Cezary IAGA Institute of Geophysics Pas Ul. Ksiecica Janusza 64, Warsaw, 01-452, POLAND +48 22 6915757 +48 22 6915915 cpr@igf.edu.pl	RUMMEL, Professor Reiner Techn. University Munich Inst. Astr. Phys. Gedaesie, Arcisstrasse 21, Muenchen, D-80290, Germany 0049 89 289 23190 0049 89 289 23178 rummel@step.iapg.verm.tu- muenchen.de	RUSSO, Dr Guido IASPEI University of Naples Dipt. Di Scienze Fisiche, Mostra D'oltremare PAD. 16, I-80125, ITALY +39 081 7253322 +39 081 7253449 russog@na.infn.it
ROTTMAN, Dr Gary IAGA University of Colorado Lasp, 2558 Premier Pl., Boulder, Colorado, 80309, USA 001-303-492 8324 001-303-492 6444 gary.rottman@lasp.colorado.edu	RUBIANO, Mr Jorge Eliecer IAHS INT. Cen. for Tropical Agricul Inst. ff Hydrology, Maclean Building, Crowmarsh Grifford, Wallingford, OX10 8BB, UK 01491 692214 01491 692430 s.butterfield@ioh.ac.uk	RUMMUKAINEN, Dr Markku S.M.H.I., Rossby Centre Norrkoping, SE-60176, Sweden +46 11 495 8000 +46 11 495 8001 markku.rummukainen@smhi.se	RUSSO, Dr Ray IASPEI Northwestern University Dept. of Geol. Sci., Evanston, Ilanoi, 60208, USA +1 847 491 7383 +1 847 491 8060 ray@earthy.nwu.eln
ROULEAU, Dr Pierre IASPEI Memorial Univ. of Newfoundland Sir Wilfred Grenfell College, University Drive, Corner Brook, NF, A2H-6P9, CANADA 1 709 637 6294 1 709 639 8125 prouleau@beothuk.swgc.mun.ca	RUBIE, Professor David IASPEI Bayerisches Geoinstitut University Bayrouth, Bayrouth, D-95440, Germany +49 921 553711 +49 921553769 dave.rubie@uni-bayrouth.de	RUNDLE, Professor John IASPEI University of Colorado CB 216, Cires, Boulder, Colorado, 80309, USA 303 492 5642 303 492 5070	

RUSTICUCCI, Dr Matilde IAMAS Universidad De Buenos Aires Departamento De Cs. Atmosfera, Ciudad Universitaria Pab. II, Buenos Aires, 1428, Argentina **5411 4576 3364 EXT 29 **5411 4576 3356 EXT 12 mati@atl.fcen.uba.ar	SABBIONE, Professor N.C. IASPEI Astronomicas Y Geofisicas Paseo Del Bosque S/N, La Plata, 1900, Argentina 54 221 4838810 54 221 4211761 nora@fcaglp.ump.edu.ar	SAINATO, Dr Claudia IAGA University of Buenos Aires Catedra De Fisica, Av. San Martin 4453 (1417), Buenos Aires, 1417, Argentina 54 1145248099 54 1145148739 csainato@ciudad.com.ar	SALAZAR, Mr Jose M L IAVCEI ITRE Poligono Industrial Dr Granad., San Isidro, 38611, SPAIN +34 922 391000 +34 922 391001 jsalazar@iter.rcanaria.es
RUTTENBERG, Stanley IAMAS ICSU Panel on World Data Cent. 970 Aurora Avenue F-201, Boulder, Colorado, 80302-7241, USA 001 303-447-0513 001 303-447-0514 stanrutt@aol.com	SABINE, Dr Christopher Princeton University Geosciences Department, Guyot Hall, Princeton, New Jersey, 08544, USA +1 609 258 6899 +1 609 258 1274 sabine@geo.princeton.edu	SAKAI, Mr Shin'ichi IAPSO CRIEPI 1646 Abiko, Abiko City, Chiba, 270-1194, Japan 81 471 82 1181 81 471 83 2966 s-sakia@criepi.denken.or.jp	SALSTEIN, Dr David IAMAS AER, INC. 840 Memorial Drive, Cambridge, MA, 02139, USA 617 547 6207 617 661 6479 salstein@aer.com
RUZMAIKIN, Dr Alexander IAGA JPL, California Inst. Tech. JPL, Mail Stop 169-506, 4800 Oak Grove Drive, Pasadena, CA 91109, USA 818 393 3953 aruzmaik@pop.jpl.nasa.gov	SABITOVA, Dr Tamara IASPEI Institute of Seismology Nan Sabitova T.M, Asanbai 52/1, Bishkek, 720060, Kyrgyzstan 996 312 571435 sabitova@mail.elcat.ng	SAKAMOTO, Dr Izumi IAVCEI JAMSTEC Natsushima 2-15, Yokosuka, Kanagawa, 237 0061, Japan 81 468 67 3831 81 468 66 5541 Mizumis@jamstec.go.jp	SALVATI, Dr Roberto IAHS Rome Tre University Geological Sciences Dept., L.Go San Leonardi Murialdo 1, Rome, 00146, Italy ++39 06 54 88 80 59 ++39 06 54 88 82 01 salvati@uniroma3.it
RYABOV, Igor IAPSO Nizny Novgorod State Tech Univ 24 Minin Street, Nizny Novgorod, 603600, Russia +007 8312 652730 +007 812 360489 enpeil@hydro.appl.sci-nnov.ru	SACCOROTTI, Gilberto Osservatorio Vesuviano Centro Di Sorveguanza, Via Manzonicsp, Napoli, 80123, Italy +39 81 583 2230 +39 81 575 4239 gilberto@osve.unina.it	SAKANAKA, Mr Shin'ya Aso Volcanological Laboratory Takano 5280-1, Choyo, Aso, Kumamoto, 869 1404, Japan +81 09676 7 0022 +81 09676 7 2153 sakanaka@aso.vgs.kyoto-u.ac.jp	SAMBALE, Dr Christoph International Graduate School Markt 23, Zittau, D-02763, Germany 49 3583 771 560 49 3583 771 534 sambale@ihi-zittau.de
RYAN, Mr Graham Lancaster University V.G.R.G., Dept. of Environmental Science, Lancaster, LA1 4YQ, UK (01524) 65201 EXT.93574 (01524) 593985 g.ryan@lancaster.ac.uk	SADOUX, Mr Sylvain IAPSO Legi-Coriolis 21 Avenue Des Martyrs, Grenoble, 38000, France +33 4 76 86 61 83 +33 4 76 87 98 93 sadoux@hmg.inpg.fr	SAKATA, Dr Shoji IASPEI N.R.I.E.S.D.P Ten'nodai 3-1, Tsukuba-Shi, 305-0006, Japan +81 298 52 8658 +81 298 54 0629 sakata@geo.bosai.go.jp	SAMBRIDGE, Dr Malcolm IASPEI Australian National University Rses, Canberra, Act 0200, Australia +61 26249 0339 +61 26257 2737 malcolm@rses.anu.edu.au
RYBACH, Ladislaus IASPEI Eth Zurich Institute of Geophysics, Eth Hoenggerberg, Zurich, CH-8093, Switzerland 0041 1 633 2605 0041 1 633 1065 rybach@geo.phys.ethz.ch	SAFAK, Dr Erdal U.S. Geological Survey Denver Federal Center, Box 25046, Ms- 966, Denver, Colorado, 80225, USA 1 303 273 8593 1 303 273 8600 safak@usgs.gov	SAKUMA, Dr Sadaomi IAG Tokimec Inc. 3-1 Takakuko, Nasumachi, Nasu-Gun, Tochigi, 325 0001, Japan +81 281 64 0936 +81 287 63 3778 s-sakuma@tokimec.co.jp	SAMSON, Professor John C IAGA University of Alberta Physics Department, Edmonton, Alberta, T6G 2J1, Canada 780-492-3616 780-492-0714 esamson@space.ualberta.ca
RYCROFT, Michael IAGA International Space University 35 Millington Road, Cambridge, England, CB3 9HW, UK 01223 353839 01223 303837 rycroft@isu.isunet.edu	SAFANDA, Dr Jan IASPEI Geophysical Institute Academy of Sciences, Bocni li/1a, Praha 4, 141-31, Czech Republic +420 2 67103384 +420 2 71762546 jsa@ig.cas.cz	SAKURABA, Mr Ataru IAGA University of Tokyo Dept. of Earth & Planetary Phy, Hongo 7-3-1, Bunkyo-Ku, Tokyo, 113 0013, Japan +81 3 5841 4291 +81 3 3818 3247 sukuraba@geoph.s.u-tokyo.ac.jp	SANCHEZ, Dr Ennio SRI International 333 Ravenswood Ave., Mailstop G-277, Menlo Park, California, 94025, USA 650 859 4021 650 322 2318 ennio.sanchez@sri.com
RYMER, Dr Hazel IAVCEI The Open University Dept. Earth Sciences, Walton Hall, Milton Keynes, Bucks, MK7 6AA, UK 01908 653 949 01908 655 151 h.rymer@open.ac.uk	SAFRANKOVA, Dr Jana IAGA Charles University Faculty of Mathematics and, Physics, V Holesovickach 2, Prague, 180 00, Czech Republic +420-2-21912301 safr@aurora.troja.mff.cuni.cz	SAKURAI, Professor Tohru IAGA Tokai University Dept of Aeronautics & Astro., 1117 Kitakaname, Hiratsuka City, Kanagawa Prefecture, 259-1292, Japan +81 463 58 1211 EXT 4457 +81 463 50 2060 sakurai@ms.u-tokai.ac.jp	SANCHEZ, Laura IAG Inst. Geo. Agustín Codazzi Carrera 30, NO 48-51, Bogota, , Colombia 571 368 1040 571 368 0994 lsanchez@igac.gov.co
SABADINI, Professor R. University of Milan Via L. Cicognara 7, Milan, 20129, Italy 3902 2369 8407 3902 7430588 bob@sabadini.geofisica.unimi.it	SAGIYA, Dr Takeshi IASPEI Geographical Survey Institute 1 Kitasato, Tsukuba, Ibaraki, 305-0811, JAPAN +81-298-64-6939 +81-298-64-2655 sagiya@gsi-mc.go.jp	SALAH, Dr Joseph IAGA Mass. Inst. of Technology Mit Haystack Observatory, Route 40, Westford, Massachusetts, 01886- 1299, USA 001-781-981 5400 001-781-981 0590 jsalah@haystack.mit.edu	SANCHEZGOMEZ, Emilia IAPSO University of Alcalá Dept. of Phys., Univ. Campus, Crta Barcelona, KMm 33.6, Alcalá De Henares, Madrid, 28871, Spain 34 91 8854944 34 91 8854942 emi@pc41.fcs.alcala.es
SABAKA, Mr Terence IAGA Raytheon ITSS 6716 Richardson Rd., Baltimore, MD, 21207, USA 301 286 4865 301 286 1616 sabaka@linus.gsfc.nasa.gov	SAGNOTTI, Dr Leonardo ING-Rome Inst. Nazionale Di Geofisica, Via Di Vigna Murata 605, Rome, 00143, Italy +39 06 51860321 +39 06 5041181 sagnotti@marie.ingr.it		SANCHEZ-VILA, Dr Xavier IAHS Technical Univ. of Catalonia Gran Capita Sin, Building D-2, Barcelona, 08034, Spain +349 340 11698 +349 340 17251 dsachez@eteccpb.upc.es

SANKEY, Dr David IAMAS University of Toronto Dept. of Physics, 60 St. George Street, Toronto, M5Ss 1Aa7, Canada +1 (416) 978 2661 +1 (416) 978 8905 sankey@mam.physics.utoronto.ca	SARSON, Dr Graeme IAGA University of Exeter School of Math. Sciences, Exeter, EX4 4QE, UK 01392 263967 01392 263997 sarson@maths.ex.ac.uk	SATO, Professor Tadahiro IAG Nat. Astronomical Observatory 2-12 Mizusawa, Iwate, 023-0861, Japan +81 197 22 7137 +81 197 22 2715 tsato@miz.nao.ac.jp	SCALERA, Dr Giancarlo ING-ROME Inst. Nazioanle Di Geofisica, Via Di Vigna Murata, Rome, 00143, Italy +39 06 51860431 +39 06 5041181 scalera@ing750.ingrm.it
SANNER, Mr Hakan IAHS SMHI Norrkoping, 60176, Sweden 0114958287 hakan.sanner@smhi.se	SARTELET, Professor K IAMAS DAMTP Silver Street, Cambridge, CB3 9EW, UK 01223 337 866 kns20@damtp.cam.ac.uk	SATOMURA, Professor Mikio IAG Shizuoka University Faculty of Science, 836 Oya, Shizuoka, 422 8529, Japan +81 54 238 4945 +81 54 238 0491 semato@ipc.shizuoka.ac.jp	SCAMBOS, Dr Theodore IAHS University of Colorado NSIDC, Campus Box 449/ Cires, Boulder, Co, 80309-0449, USA 303 492-1113 303 492 2468 teds@icehouse.colorado.edu
SANNINO, Gianmaria IAPSO CASPUR III Trav., Martiri D'arrica 10, Torre Del Greco 0097, 80059, Italy +33 87 44 92 08 sannino@cospur.it	SASAI, DR YOICHI IAGA University of Tokyo Earthquake Research Institute, Yayoi 1- 1-1, Bunkyo-Ku, Tokyo, 113-0032, Japan 81 3 3812 2111 81 3 5689 7234 sasai@ari.u-tokyo.ac.jp	SATORI, Dr Gabriella IAGA Hungarian Acad. of Sciences Geodetic and Geophysical Res., Csatkai U. 6-8., Sopron, H-9400, Hungary 0036-99-314 290 0036-99-313 267 satori@ggki.hu	SCARPA, Professor Roberto IAVCEI Universita' Dell'aquila Dipartimento D'fisica, Via Vetoio - Coppito, L'aquila, 67010, Italy +39 862 433051 +39 862 433033 roberto.scarpa@aquila.infn.it
SANSO, Fernando IAG Politecnico di Milan Diari Polih, Leonardo Da Vinci 32, Milan, Italy 00390223996504 fsanso@ipmtfa.topo.milani t.	SASAKI, Dr Shuji IAHS RES. Inst. of Environ. Geosc. 1055-516, Shimohirooka, Tsukuba, 305 0042, Japan +81 298 51 3334 +81 3 3882 9451 jdaq04315@nifty.ne.jp	SAUER, Mr Knut IAG Imperial College of Science Medicine & Technology, Center For Transport Studies, London, SW7 2BU, UK 0171 594 6153 0171 594 6107 k.sauer@ic.ac.uk	SCHAAKE, Dr John IAHS NOAA National Weather Serv.(W/OHX2), 1325 East West Highway, Silver Spring, Maryland, 20910, USA 001-301-713 1660 001-301-713 0963 john.schaake@noaa.gov
SANTEE, Dr Michelle IAMAS JET Propulsion Lab. Mail Stop 183-701, 4800 Oak Grove Drive, Pasadena, California, 91109, USA 818 354 9424 818 393 5065 mls@mls.jpl.nasa.gov	SASSOROVA, Dr Elena IASPEI Oceanology Inst. of Ras Russian Foundation Basic Res., 32a Leninsky Prospekt, Moscow, 117334, Russia 70959381795 70959381931	SAULI, Mrs Petra IAGA Inst. of Atmospheric Physics Bocni li, Prague 4, 141 31 Czech Republic 420 2 67103389 pkn@ufa.cas.cz	SCHAEFER, Mr Christof IAG Geodetic Institute University of Stuttgart, Geschwister- Scholl-Strasse, 24/D, Stuttgart, D-701174, Germany +497111213285 +497111213285 christof.schaefer@gis.uni-stuttgart.de
SANTERRE, DR ROCK IAG Universite Laval Centre De Recherche En Geomat., Pavillon Casault, Ste-Foy, Quebec, G1LkK 7Pp4, Canada +1 418 656 2294 +1 418 656 7411 ROCK.SANTERRE@SCG.ULAVAL.CA	SATAKE, Dr Kenji IASPEI Geological Survey of Japan 1-1-3 Higashi, Tsukuba, 305 8567, Japan 81 298 54 3640 81 298 54 3561 satake@gjsj.go.jp	SAVA, Constantin S Nat. Comm. Geodesy & Geophysic Romania	SCHAEFER, Mr Joachim IAG University of Stuttgart Geschwister-Scholl-STR. 24 D, Stuttgart, 70174, Germany 0049-711-121 3391 0049-711-121 3285 joachim.schaefer@gis.uni-stuttgart.de
SANTOLERI, Dr Rosalia IAPSO CNR Isituto Di Fisica Dell Atmos., Via Del Fosso Del Cav. 100, Rome, 00133, Italy +39 06 4993 4346 +39 06 2066 0291 lia@oceanofa.rm.cnr.it	SATO, Dr Kaoru IAMAS Kyoto University Department of Geophysics, Faculty of Science, Kyoto, 606-8502, Japan 0081-75-753-3933 0081-75-753-3715 sato@kugi.kyoto-u.a#	SAVROV, Professor Lev IAG Sternberg Astronomical Inst. Universitetskij Avv. 13, Moscow, 119899, Russia 7 095 9395327 savrov@sai.msu.ru	SCHAEFER, Dr Stefan IAG University of Berne Sidlerstrasse 5, Beru, 3012, Switzerland +41 31 681 85 91 +41 81 631 38 69 stefan.schaer@ainb.unibe.ch
SANTOS, Dr Fernando IAGA University of Lisbon R. Escola Politecnica 58, Lisbon, 1269 102, Portugal +35113953327 dfauns@fc.ul.pt	SATO, Dr Yasuo IAMAS Meteorological Research Inst. 1-1 Nagamine, Tsukuba, Ibaraki, 305-0052, Japan +81 298 53 8614 +81 298 55 7240 ysato@mri-jma.go.jp	SAXENA, Dr Vinod K IAMAS North Carolina State Univ. 1125 Jordan Hall, Box 8208, Raleigh, North Carolina, 27695-8208, USA 919-515-7290 919-515-7802 saxena@eos.nosu.edu	SCHAFER, Dr Uwe IAG BKG Potsdam Aussenstelle Potsdam, Michendorfer Chaussee 23, Potsdam, D-14473, Germany 49 331 316607 49 331 316602 ufer@potsdam.ifag.de
SARAO, Angela University of Trieste Department of Earth Sciences, Trieste, 34127, Italy +39 040 676 2127 +39 040 676 2111 angela@grosumo.univ.trieste.it	SATO, Mr Ken IAGA Kobe University Earth & Planetary Sciences, Faculty of Science, Kobe, 657 8501, Japan +81 78 803 5758 +81 78 803 5757 ken@shidahara1.planet.sci.kobe- u.ac.jp	SAYLOR, Dr James IAPSO NOAA/GLERL 2205 Commonwealth Blvd, Ann Arbor, Mi, 48105, USA 734 741 2118 saylor@glerl.noaa.gov	SCHAR, Professor C IAMAS ETH Zurich GI-ETH, Winterthurerstr. 190, Zurich, 8057, Switzerland +41 1 633 51 99 +41 1 362 51 97 schaer@geo.umnw.ethz.ch
SARRAILH, Michel IAG B.G.I. BGI/CNES, 18 Avenue East Berlin, Toulouse Cede 4, 13401, France +33 5 61 33 28 93 +33 5 61 25 30 98 michel.sarrailh@cnes.fr	SATO, Professor Haruo IASPEI Tohoku University Geophysics, Science, Tohoku University, Aoba-Ku, Sendai-Shi, 980-8578, Japan 81-22-217-6783 81-22-217-6783 sato@zisin.geophys.tohoku.ac.jp	SCAIFE, Dr Adam UK Meteorological Office RMm 251, London Road, Bracknell, RG12 2SZ, UK 01344 854056 01344 854046 aascaife@meto.gov.uk	

SCHATTEN, Dr Kenneth IAGA AL Solutions 1703 Nordic Hill Circle, Silver Spring, Md, 20906, USA 3019497855 3013061754 schatten@erols.com	SCHIMMEL, Dr Martin IASPEI Universidade De Sao Paulo Instituto Astronomie E Geol., Rua Do Matao 1226, Sao Paulo - SP, 05508- 900, Brazil 0055-11 818 4755/4674 0055-11 818 5034 martin@iag.usp.br	SCHMIDT, Dr Sabine IASPEI FR Geophysik Maltesersdr. 74-100, Hans N., Berlin, 12249, Germany +49 (0) 30 7792876 +49 (0) 30 7553078 sabine@geophysik.fu-berlin.de	SCHNEIDER, Dr Dieter IAG B.F.L Postfach, Wabern, CH-3084, Switzerland +413 19632280 +413 19632459 dieter.schneider@lt@.admin.ch
SCHAUER, Dr Ursula IAPSO Alfred-Wegener Institute Postfach 120161, Bremerhaven, D-27570, Germany 49 471 4831817 49 471 4831425 uschauer@awi-bremerhaven.de	SCHLATTER, Mr Andreas IAG Eth Zürich Bundesamt Fuer, Landestopographie., Wabern, CH-3084, Switzerland +44 31 963 24 92 +41 31 962 24 59 andreas.schlatter@lt.admin.ch	SCHMIDT, Miss Angelika IAVCEI Geomar Wischhofstr. 1-3, KIEL, 24148, Germany 0049 431 600 2644 aschmidt@geomar.de	SCHNEIDER, Dr Niklas IAPSO Scripps Inst. of Oceanography UCSD, Mail Code 0224, La Jolla, California, 92093 0224, USA 1 858 5344218 1 858 5348561 nschneider@ucsd.edu
SCHEER, Dr Jürgen IAGA Pronarp-Conicet Pronarp, J. Alarez, 1181 Gbuenos Aires, 1218, Argentina	SCHLICH, Professor Dr R IAGA CNRS (EOST), 5 Rue René Descartes, Strasbourg, 67084, France 33 0 3 88 41 63 93 33 0 3 88 60 38 87 roland.schlich@eost.u-strasbg	SCHMIDT, Mr William IAMAS University of North Dakota 3106 5th Ave N. #1, Grand Forks, North Dakota, 58203, USA (701) 746 1944 (701) 777 4449 wischmid@badlands.nodak.edu	SCHNEIDER, Mr Edgar IAGA Inst. of Geophysics Herzberger Landstr. 180, Goettingen, D-37075, Germany 0049 551 397491 edgar@geo.physik.uni-gottingen.de
SCHEINERT, Dr Mirko IAG Tu Dresden Inst. Für Planetare Geodäsie, D-01062, Dresden, 01062, Germany 49 351 4633683 49 351 4637063 dietrich@ipg.geo.tu-dresden.de	SCHLINDWEIN, Dr Vera IASPEI University of Durham Department of Geological, Sciences, Sciences Labs, South Road, Durham, DH1 SLE, UK +44 191 374 2503 +44 191 374 2570 v.s.u.schlindwein@dasham.ac.uk	SCHMIEDER, Dr Brigitte IAGA Observatoire De Paris Section Meudon, Dasop, Meudon Principal Cedex, 92195, France 33 1 45 07 78 17 33 1 45 07 79 59 schmieder@obsppm.fr	SCHNEIDER, Mr Philipp IAHS University Freiburg Institute of Hydrology, Fahnenbergplatz, Freiburg, 79098, Germany ++49 761 203 3520 ++49 761 203 3594 pschneid@uni-freiburg
SCHENEWERK, Dr Mark IAG NOAA N/NGS06/SSMC3; STA 9805, 1315 East-West Highway, Silver Spring, Maryland, 20886, USA 301 713 2853 301 713 4475 mark@ness.grdl.noaa.gov	SCHLOSSER, Dr Adam IAMAS COLA/IGES 4041 Powder Mill Rd., Suite 302, Calverton, Maryland 20705, 20895, USA 301 902 1273 301 595 7000 adam@cola.iges.org	SCHMIEDER, Ms Jutta UNION Munich Reinsurance Company Munich, D-80791, Germany 0049 89 38915259 0049 89 389175259 jschmieder@munichre.com	SCHODLOK, Mr Michael IAPSO Alfred-Wegener-Institute Polar And Marine Research, Bgm. Smidt Str. 20, Bremerhaven, D-27568, Germany +49 471 4831 784 +49 471 4831 797 mschodlok@awi-bremerhaven.de
SCHENK, Dr Vladimir IASPEI Academy of Sciences Inst. of Rock Structure & Mech, V Holesovickach 41, Praha 8-Liben, CZ-182 09, Czech Republic +420 2 66009338 +420 2 6880105 schenk@irms.cas.cz	SCHLOSSER, Professor P IAPSO LDEO of Columbia University 61 Route 9w, Palisades, New York, 10964-8000, USA 914 365 8707 914 365 8155 peters@ldeo.columbia.edu	SCHMITT, Professor G IAG Universitaet Karlsruhe Geodaetisches Institut, Englerstr.7, Karlsruhe, D-76128, Germany +49-721-608-2304 +49-721-694-552 schmitt@gik.uni-karlsruhe.de	SCHOEFFEL, Hans IASPEI University of Oxford Dept. Earth of Oxford, Parks Road, Oxford, OX13DR, UK 01865 272 016 01865 272 072 hanss@earth.ox.ac.uk
SCHENKE, Hans Werner IAG Alfred Wegener Institute Pob 12 01 61, Bremerhaven, D-27515, Germany +49 471 4831221 +49 471 4831222 schenke@AWI-Bremer-haven.de	SCHLUESSEL, Dr Peter IAMAS Eumetsat - MET AM Kavalleriesand 31, Darmstadt, D-64295, Germany 0049 6151 807 699 0049 6151 807 838 shluessel@eumetsat.de	SCHMITZ, Professor G IAMAS Leibniz-Inst. Fur Atmos. Schlossstrasse 6, Kuhlungsborn, 18225, Germany 00 49 38293/68300 00 49 038293/6850 schmitz@iapo-kborn.de	SCHRODER, Dr Wilfried IAGA Geophysical Institute Hechelstrasse 8, Bremen, 28777, Germany 0049-421-603037
SCHERER, Dr Marc IAGA Inst Voor Ruimte-Aeronomie Ringlaan 3, Brussels, B-1180, Belgium 32 2 373 03 64 32 2 374 84 23 m.scherer@oma.be	Schlueter, Dr Wolfgang IAG B.K.G. Germany	SCHMUCKER, Dr Ulrich IAGA Planckstrasse 19, Goettingen, D-37073, Germany 0551 46727 uschmuc@umi-geophys.gwdg.de	SCHUBERT, Professor G IASPEI University of California Dept. of Earth/ Space Sciences, Los Angeles, California, 90095-1567, USA 001-310-825 4577 001-310-825 2779 schubert@ucla.edu
SCHERNECK, Dr Hans-Georg IAG Chalmers Onsala Observatory SPACE Observatory, Onsala, SE-439 92, Sweden +46 31 772 5556 +46 31 772 5590 hgs@oso.chalmers.se	SCHMIDT, Dr Gavin IAPSO NASA Goddard Institute 2880 Broadway, New York, 10025, USA 212 678 5627 212 678 5650 gschmidt@giss.nasa.gov	SCHNADT, Ms Christina IAMAS DLR Institut Fuer Physik Der, Atmosphaere, Wessling, D-82234, Germany +49(0)8153 28 1796 +49(0)8153 28 1841 christina.schnadt@dlr.de	SCHUH, Dr Harald IAG Dtsch. Geodät. Forschungsinst. Marstallplatz 8, München, 80539, Germany +49 89 23031 214 +49 89 23031 240 schuh@dgfi.badw.de
SCHIANO, Dr Elisabetta IAPSO IOF-CNR Forte Santa Teresa, Pozzuolo Di Lerici (Sp), 19036, Italy +39 0187 978316 +39 0187 970585 schiano@iof.cnr.it	SCHMIDT, Dr Phillip IAGA CSIRO CSIRO Exploration And Mining, POo Box 136, North Ryde, NSW, 1670, Australia ++43 612 9490 8873 ++43 612 9490 8874 p.schmidt@syd.dem.csiro.au	SCHNEGG, Dr Pierre IAGA University of Neuchatel Geology Institute, Rue Emile Argand 11, Neuchatel, 2007, Switzerland 004132-718 26 76 004132-718 26 01 pierre.schnegg@geol.unine.ch	SCHUHLE, Dr Udo IAGA MPAe Max-Planck-Strasse 2, Kaltenburg- Lindau, D-37191, Germany 0049-5556-979 458 0049-5556-979 240 schuehle@linmpi.msg.de

- SCHULLER, Dr Lothar** UNION
Freie Universität
Inst. Weltraumwissenschaften,
Fabeckstr. 69, Berlin, 14195, Germany
+49 30 838 2375
+49 30 832 8648
lothar@amor.met.fu-berlin.de
- Schultz, Professor Gert** IAHS*
Ruhr University Bochum
Postfach 1021 48, Bochum, 44721,
Germany
+49 (234) 700 4693
+49 (234) 709 4153
gert.a.schultz@ruhr-uni-bochum.uni
- SCHULZ, Dr Jan-Peter** IAMAS
Danish Meteorological Inst.
Lyngbyvej 100, Copenhagen, Dk-2100,
Denmark
+45 39 15 74 39
+45 39 15 74 60
jps@dmi.dk
- SCHULZ, Michael** IAGA
Lockheed Martin ATCtc
1037 Twin Oak Court, Redwood City,
CA, 94061, USA
1 650 424 2659
1 650 424 3333
schulz@agena.spasci.com
- SCHULZE, Professor Roland** IAHS
University of Natal
School of Bioresources Eng aAnd,
Environmental Hydrology, Scottsville,
3209, South Africa
+27 331 2605489
+27 331 2605818
schulze@aqua.cwv.ac.za
- SCHULZ-SCHOLLHAMMER, Ms K** IAMAS
Leibniz-Institut Für Atmos.
Schloss-Str.6, Kuhlungsborn, 18225,
Germany
+49382936850
+49382936850
schoelli@iap-kboru.de
- SCHUSTER, Ms Sandra** IAMAS
British Antarctic Survey
High Cross, Madingley Road,
Cambridge, CB3 0ET, UK
01223 221 483
01223 362 616
ssc@nere-bas.ac.uk
- SCHUTT, Mr Derek** IASPEI
University of Oregon
Dept. of Geological Sciences, 1272
University of Oregon, Eugene, Oregon,
97403 1272, USA
541 346 4653
541 346 4692
schuttd@newberry.uoregon.edu
- SCHUURMANS, Dr Cornelius** IAMAS
IMAR
Utrecht University, POo Box 80 005,
Utrecht, 3508 Ta, The Netherlands
31 30 253 3394
31 30 254 3163
c.j.e.schuurmans@phys.uu.net
- SCHWAB, Dr Silvia H. S.**
Universidade Federal Doparana
CpCP. 19001, Curitiba Pr, 81531 990,
Brazil
55 41 361 3156
55 41 266 2393
silviass@glix.ufpi.br
- SCHWADRON, Dr Nathan** IAGA
University of Michigan
2455 Hayward, Ann Arbor, Michigan,
48109-2143, USA
+1 634 647 6834
+1 734 764 4585
nathanas@umich.edu
- SCHWANDNER, Mr Florian M.** IAVCEI
Eth Zurich
Inst. of Mineralogy, Sonnegg Str. 5,
Zurich, 8092, Switzerland
0041 1 632 3751
0041 1 632 1088
florimax@erdw.ethz.ch
- SCHWARB, Mr Manfred** IAMAS
Eth Zurich
Institute of Geography,
Winterthurerstrasse 190, Zurich, 8057,
Switzerland
+41 1 635 52 06
+41 1 362 51 97
schwarb@geo.mnw.ethz.ch
- SCHWARTZ, Dr Stephen** IAMAS
Brookhaven National Lab.
Bldg 815Ee, Upton, New York, 11973,
USA
0015163443100
0015163442887
ses@bnl.gov
- SCHWARTZ, Mr Barry**
Us Dept of Commerce/Noaa/Fsl
Usa
- SCHWARTZ, Professor S.** IAGA
CESR/QMW
CESR/CNRS 4346, 9 AV. DU Colonel
Roche, Toulouse, Cedex 4, 31028,
France
+33 5 61 55 6160
+33 5 61 55 6701
s.j.schwartz@qmw.ac.uk
- SCHWARZ, Dr Gerhard** IAGA
Geological Survey of Sweden
Box 670, Upsala, S-75128, Sweden
+46 18 179000
+46 18 179210
gerhard@shu.se
- SCHWARZ, Dr Klaus-Peter** IAG
University of Calgary
Dept. of Geomatics Engineering, 2500
University Drive N.W., Calgary, Alberta,
T2Nn 1Nn4, Canada
(403)220 7377
(403)284 1980
schwarz@ensu.ucalgary.ca
- SCHWARZE, Dr Volker** IAG
University of Stuttgart
Geodetic Institute, Geschwister-Scholl-
Str. 24/D, Stuttgart, D-70174, Germany
++49 711 121-3393
++49 711 121-3285
volker.schwarze@gis.uni-stuttgart.de
- SCHWEGMANN, Mr Wolfgang** IAG
DGFI
Marstallplatz 8, München, 80539,
Germany
+49189 23031 202
+49189 23031 240
schwegmann@dgfi.badw.de
- SCHWEIGER, Dr Axel**
University of Washington
Applied Physics Laboratory, 1313 Me
40th Street, Seattle, 98105, USA
206 543 1312
543 3521
axel@apl.washington.edu
- SCHWEITZER, Dr Johannes** IASPEI
NORSAR
Granaveien 33, Kjeller, N-2007, Norway
+47 63805900
+47 63818719
johannes@norsar.no
- SCHWENN, Professor Rainer** IAGA
MPAe
MAX-Planck Str.2, Kattenburg-Lindau,
D 37191, Germany
0049 5556 979337
0049 5556 979337
schwenn@linmpi.mpg.de
- SCHWIERZ, Ms Cornelia**
Lapeth
Inst. For Atmos. Science, Swiss Federal
Inst. of Tech., Eth - Hoenggerberg Hpp,
Zuerich, 8093, Switzerland
+41 1 633 3623
+41 1 633 1058
schwierz@atmos.mnw.ethz.ch
- SCIFFER, Dr Murray** IAGA
University of Newcastle
Department of Physics, Callaghan,
NSWsw, 2308, Australia
+61-2-49215566
+61-2-49216907
murray@frey.newcastle.edu.au
- SCONCIA, Mr Brett** IAMAS/IAPSO
University of Reading
Department of Meteorology, Earley
Gate, POo Box 243, Reading, RG6 6BB,
UK
0118 931 8954
swr96bcs@reading.ac.uk
- SCOTT, Mr Russell**
University of Arizona
921 N, 7th Avenue, Tucson, Arizona,
85705, USA
1 520 622 6628
1 520 621 1422
russell@hwr.arizona.edu
- SCUDDER, Professor Jack** IAGA
University of Iowa
Room 203 Van Allen Hall, Iowa City, IA,
52242, USA
319 335 0804
319 335 1753
jds@hydra.physics.uiowa.edu
- SEBAL, Mrs Amal** IASPEI
IPGP
4 Place Jussieu, 4eme Etage,
Tour 14-24, Paris 05, 75252, France
00 33 1 44 27 39 15
00 33 1 44 27 38 94
sebai@ipgp.jussieu.fr
- SECCO, Professor Richard** IASPEI
Universität Bayreuth
Bayeirisches Geoinstitut, Universität
Bayreuth, Bayreuth, D-95440, Germany
49-(0)921-5537329
49-(0)921-553729
richard.secco@uni-bayreuth.de
- SECKMEYER, Dr Gunther** IAMAS
IFU
Kveuzeckbahnctv.19, Ganmisch-
Partenhivehe, 82467, Germany
+49 88 21 183 181
+49 88 21 185 295
sech@ifu.fh6.de
- SEGALL, Professor Paul** UNION
Stanford University
Geophysics Dept, Stanford, California,
94305, USA
650 725 7241
650 725 7344
segall@stanford.edu
- SEGAWA, Mr Jiro** IAG
Tokai University
3-20-1 Orido, Shimizu, Shizuoka,
424-8610, Japan
81-543-37-0924
81-543-34-9840
jsetgawa@scc.u-tokai.ac.jp
- SEGSCHNEIDER, Dr Joachim** IAPSO
ECMWF
Shinfield Road, Reading, RG2 9AX, UK
neol@ecmwf.int
- SEILER, Professor K-P**
GSF-Inst of Hydrology
Po Box, Neuherberg, D-85758,
Germany
0049 89 31872585
0049 89 31873361
seiler@gsf.de
- SEIM, Dr Harvey** IAPSO
Skidaway Inst. of Oceanography
10 Ocean Science Circle, Savannah,
Georgia, 31411, USA
912 598 2361
912 598 2310
seim@skio.peachnet.edu
- SEITTER, Dr Keith** IAMAS
American Met. Society
45 Beacon Street, Boston,
Massachusetts, 02108-3693, USA
001 617 227 2425
001 617 742 8718
kseitter@ametsoc.org
- SEITZ, Dr Kurt** IAG
University of Karlsruhe
Geodetic Institute, Englerstr. 7,
Karlsruhe, D-76128, Germany
0049 721 608 6576
0049 721 694 552
seitz@gik.uni-karlsruhe.de
- SEKHAR CHANDRA, Mr Matli** IAHS
Regional Engineering College
Water & Engineering Division,
Warangal, 506 004, India
0091 8712 66027
0091 8712 76547
kmruthyu@hotmail.com

SEKINE, Professor Y. IAPSO MIE University 1515 Kamihamachou TSU, MIE, 514 8507, Japan 81 592 31 9550 81 592 31 9540 sekine@bio.mie-u.ac.jp	SETH, Dr Anji IAMAS NCAR 1850 Table Mesa Drive, PO BOX 3000, Boulder, CO 80307, 80302, USA 303 497 1616 303 497 1700 seth@ucar.edu	SHANKLAND, Dr Thomas IAGA Los Alamos National LAB. Earth & Environmental Sciences, LOS Alamos, MSD443, New Mexico, 87545, USA 1 505 667 4907 1 505 667 8487 shankland@lanl.gov	SHEBALIN, Dr Peter IASPEI IIPT & MG RAS Warshavskoe Shosse 79-2, Moscow, 113556, Russia 70951107795 70953107032 shebalin@mitp.ru
SELAND, Oyvind University of Oslo Department of Geophysics, PO Box 1022, Blindern, N-0315, Norway +47 22 85 58 27 +47 22 85 52 69 oyvind.seland@geofysikk.uio.no	SEUNA, Dr Pertti IAHS Finnish Environment Inst. PO Box 140, Helsinki, 00251, Finland 358940300567 358940300590 pertti.seuna@vyh.fi	SHANNON, Professor L. V. IAPSO University of Cape Town Oceanography Department, Rondebosch, 7700, South Africa 0027-21-650 3278 0027-21-650 3979 vshannon@physci.uct.ac.za	SHEDLOCK, Dr Kaye IASPEI USGS USGS MS 966, Box 25046, Denver, Colorado, 80225, USA 303 273 8571 303 273 8600 shedlock@usgs.gov
SELF, Mr Daniel IAGA University of East Anglia School Environ. Science, Norwich, Norfolk, NR4 7TJ, UK 01603 592348 01603 507719 d.e.self@uea.ac.uk	SEVRUK, Professor Dr B. IAHS* Inst. of Geography Ethz, Winterthurer STR. 190, Züris, 8057, Switzerland +411 6355235 sevruk@geo.umnw.elh.ch	SHAPIRO, Dr Mel N.C.A.R. NCAR PO Box 3000, Boulden, Colorado, 80307, USA 303 497 8965 mshapiro@ncar.ucar.edu	SHELUS, Dr Peter IAG University of Texas Mcdonald Observatory, Austin, Texas, 78712-1083, USA 1 512 471 3339 1 512 471 6061 pjs@astro.as.utexas.edu
SEMAZZI, Dr Fredrick INT. Clivar Project Office University of Southampton, Southampton Oceanographic Cen., Room 256/24, Empress Dock, Southampton, S014 3ZH, UK 01703 596431 01703 596204 fred.semazzi@soc.soton.ac.uk	SEZER, Semra IAHS State Hydraulic Works General Dicterate, DSI, Ankara, 06100, Turkey 00 90 312 4188650 00 90 312 417 1378 semras@dsi.gov.tr	SHAPIRO, Dr Nikolai IASPEI Inst. De Geofisica, Unam Ciudad Universitaria, Coyoacan, Mexico D.F., 04510, Mexico 525 622 4138 shapiro@olln.lgeofcu.unam.mx	SHEN, Dr Chao IAGA CEN. Space Sci. & Applied Re. Box 8701, Beijing, 100080, China +86 10 6258 2646 +86 10 6257 6921 sc@center.cssar.ac.cn
SEMENIUK, Dr Kirill IAMAS University of Toronto Department of Physics, 60 St. George Street, Toronto, M5Ss 1Aa7, Canada 416 978 2955 416 978 8905 kirill@atmosph.physics.utoronto.ca	SGUERSO, Mr Domenico IAG Universita' Di Trento Dica, Facolta'inge./ Via Mesiano, 77, Trento, 38050, Italy 0039 0461 882608 0039 0461 882672 domenico.sguerso@ing.unitn.it	SHAPIRO, Dr Vsevolod IAGA Institute of Geophysics 100 Amundsen Street, Ekateiuburg, 620016, RUSSIA seva@moglab.inplik.ru	SHEN, Dr Colin IAPSO Naval Research Laboratory Code 7250, Washington, D.C., 20375, USA 202 767 2291 202 767 3303 shen@ccf.nrl.navy.mil
SEN, Mr Omer IAMAS University of Arizona Dept. of Hydrology & Water Res, Tucson, Arizona, 85721, USA 1 520 621 1378 1 520 621 1422 sen@hwr.arizona.edu	SHABALOVA, Dr Marina IAMAS KNMI Po Box 201, De Bildt, 3730 Ae, The Netherlands 31 30 22 06 429 31 30 22 10 407 shabalov@knmi.nl	SHAPIRO, Professor Vitali IAGA Univ. of California San Diego Physics Department, 9500 Gilman Drive, La Jolla, California, 92093/0319, USA 619 534 8266 619 534 7697 vshapiro@ucsd.edu	SHEN, Dr Zheng-Kang IAG University of California Dept. of Earth & Space Science 595 Circle Drive /3806 Geology, Los Angeles, 90095-1567, USA 310 825 9084 310 825 2779 zshen@ess.ucla.edu
SENGOKU, Dr Arata IAG Hydrographic Dept. 5-3-1 Tsukiji, Chuo-Ku, Tokyo, 104 0045, Japan 81 3 3541 3816 81 3 3541 4483 asengoku@cue.jhd.go.jp	SHAFFREY, Dr Leonard IAMAS University of Reading Department of Meteorology, PO Box 243, Reading, RG6 6BB, UK +44 118 98751237 ext.7841 +44 118 931 83116 l.c.shaffrey@reading.ac.uk	Sharma, U.C. IAHS India ucsharma@mailcity.com	SHEN, Professor Xuhui IASPEI China Seismological Bureau Center fFor Analysis & Predict, 63 Fuxing Avenue, Beijing, 100036, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn
SERAFIN, Dr Robert NCAR 1850 Table Mesa Drive, Boulder, Colorado, 80303, USA (303)497 1111 (303)497 1194 sefarin@ucar.edu	SHAIKH, Abdul Gaffar C.U. Shah Science College Ashram Road, Ahmedabad, 380014, India 0091 79 6584523 adc@prl.ernet.in	SHARP, Dr William IAMAS ITT Industries 1919 W. Cook Road, Fort Wayne, In, 46801, USA +1 219 451 6147 wesharp@itt.com	SHEPHERD, Dr Marianna IAGA Cress, York University 4700 Keele Street, Toronto, Ontario, M3Jj 1Pp3, Canada 1 416 736 2100 EXT.44671 1 416 736 5626 marianna@windii.yorku.ca
SERBAN, MS Delia-Zemira IAGRA 19-21 Jean-Louis Calderon, Bucharest, 37, R-70201, Romania 401 211 3086 401 210 0604	SHAKER, Professor Ahmed IAG Faculty of Eng./Zagazig Univ 108 Shoubra Street, Cairo, , Egypt (202) 2050033 (202) 2023336	SHEA, Ms Margaret IAGA UAH/CSPAR 100 Tennyson Anenue, Nashua, NH, 03062 2535, USA +1 603 888 6839 +1 603 888 6839 sssrc@msn.com	SHEPHERD, Professor G IAGA York University Cress, 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada 1 416 736 5408 1 416 736 5626 gordon@windii.yorku.ca
SEREBRYANY, Dr Andrey IAPSO N.N. Andreyev Acoustics Inst. Shvernik STR 4, Moscow, 117036, Russia 7 095 1269864 7 095 1268411 aserebr@dataforce.net	SHALTOUT, Professor M NRIAG Helwan-Cairo, 11421, Egypt 202 2630833 202 5548020 mamshaltout@frcu.eun.eg	SHEARER, Professor Peter IASPEI IGPPM, U.C. San Diego IGPP 0225, LA Jolla, CA, 92093-0225, USA 1 619534-2260 1 619534-5332 pshearer@ucsd.edu	SHEPHERD, Professor John Southampton Oceanography Cent. Europen Way, Southampton, S014 3ZH, UK 01703 596256 01703 596258 j.g.shepherd@soc.soton.ac.uk
	SHAMIR, Professor Uri IAHS* Israel Institute of Technology Dept. of Civil Engineering, Water Research Institute, Haifa, 32000, Israel 00972-4-829 2239 00972-4-822 4246 shamir@tx.technion.ac.il		

SHEPHERD, Professor T IAMAS University of Toronto Department of Physics, 60 St. George Street, Toronto, M5S 1A7, Canada 416 978-6824 416 978-8905 tgs@atmos.physics.utoronto.ca	SHIMADA, Professor M IASPEI Kyoto University RCEP, DPRI, Uji, Kyoto, 611-0011, Japan 81-774-38-4220 81-774-38-4239 shimada@rcep.dpri.kyoto-u.ac.jp	SHIOKAWA, Dr Kazuo IAGA Nagoya University S-T Environment Laboratory, 3-13 Honohara, Toyokawa, Aichi, 442 8507, Japan 81 533 89 5168 81 533 89 1539 shiokawa@stelab.nagoya-u.ac.jp	SHUM, Professor C K IAG Ohio State University Civil/Envn. Eng. & Geod. Sci, 470 Hitchcock Hall, 2070 Neil Ave., Columbus, Ohio, 43210-1275, USA 614 292 7118 614 292 2957 ckshum@osu.edu
SHERIDAN, Mr Kevin University College London Dept. of Geomatic Engineering, Gower St., WCIE GBT, UK 0171 380 7021 0171 380 0453 sheridan@ge.ucl.ac.uk	SHIMAZAKI, Professor K IASPEI University of Tokyo Earthquake Research Institute, 1-1-1 Yayoi, Bunkyo-Ku, Tokyo, 113-0032, Japan 81-3-5841-5694 81-3-5689-7236 nikosh@eri.u-tokyo.ac.jp	SHIOTANI, Professor Dr M IAMAS Hokkaido University Graduate School Env. Earth Sci, Nishi 5, Kitaio, Sapporo, 060-0810, Japan +81 11 706 2366 +81 11 706 4865 shiotani@ees.hokudai.ac.jp	SHUTES, PROFESSOR BRIAN Middlesex University Bounds Green Road, London, N11 2NQ, UK 0181 362 5308 0181 362 6580 m.revitt@mdx.ac.uk
SHERWIN, Toby UCES, UWB Marine, UWBwb, Menai Bridge, Anglesey, LL59 5EX, UK 01248 713808 t.j.sherwin@bangor.ac.uk	SHIMIZU, Dr Atsushi IAMAS Kyoto University RASC, Gokasho, Uji, Kyoto, 611 0011, Japan +81 774 38 3849 +81 774 31 8463 shimizu@kurasc.kyoto-u.ac.jp	SHIRAI, Dr Hisato IAGA Solar Terrestrial Env. Lab. 3-13 Honohara, Toyokawa, Aichi, 442 8507, Japan +81533895186 +81533895090 shirai@stelab.nagoya-u.ac.jp	SHUTO, Professor Nubuo IASPEI Iwate-Prefectural University Iwate Prefectural Univ., Iwate 020-0193, Iwate, 020-0193, Japan 81 19 694 2922 81 19 694 2722 shuto@iwate-pu.ac.jp
SHI, Professor Yaolin IASPEI Graduate School, Ustc Academia Sinica, 19a Yuquan Ed., POo Box 3908, Beijing, 100039, China 86-10-68226228 86-10-68150501 shiyi@sun.ihep.ac.cn	SHIMIZU, Dr Hisayoshi IAGA University of Tokyo Earthquake Research Institute, Yayoi 1-1-1, Bunkyo-Ku, Tokyo, 113-0032, Japan +81 3 3818 6359 +81 3 3812 9417 shimizu@eri.u-tokyo.ac.jp	SHIRMAN, Dr Boris IAGA Survey of Israel 1, Lincoln St., PO Box 14171, Tel-Aviv, 65220, 61141, Israel 972 3 6231816 972 3 5620988 rd_soi@hotmail.com	SHUTTLEWORTH, Professor W IAHS University of Arizona Dept. of Hydrology & Water Res, Harshbarger Building 11, Tucson, Arizona, 85721, Usa +520 621 8787 +520 621 1422 shuttle@hwr.arizona.edu
SHIBASAKI, Professor K IAMAS Kokugakuin University 10-28 Higashi 4-Chome, Shibuya-Ku, Tokyo, 150-8440, Japan 81 3 5466 0261 81 3 5466 0487 shazuo@kokugakuin.ac.jp	SHIMIZU, Dr Shuji IAMAS Earth Observation Res. Center National Space Dev. Agency, 1-9-9 Roppongi Minato-Ku, Tokyo, 106-0032, Japan +81 3 3224 7078 +81 3 3224 7052 shimizu@eorc.nasda.go.jp	SHIROCHKOV, Dr A V IAGA Arctic & Antarctic Res. Inst. Russia	SHVED, Professor Gustav IAMAS St Petersburg State University Institute of Physics, St. Petersburg, Petrodvoret, 198904, Russia +7(812)4284489 +7(812)4287240 shved@imupa.phys.spbu.ru
SHIBUYA, Dr Hidetoshi IAGA Kumamoto University Dept. Earth Sci., Kurokami 2-39-1, Kumamoto, 860-8555, Japan +81 96 342 3417 +81 96 342 3411 shibuya@sci.kumamoto-u.ac.jp	SHINAGAWA, Dr Hiroyuki IAGA Nagoya University Ste Lab., 3-13 Honohara, Toyokawa, 442-8507, Japan +81 533 89 5185 +81 533 89 5090 sinagawa@stelab.nagoya-u.ac.jp	SHISHKINA, Dr Olga IAPSO Inst. of Applied Physics Ras 46 Ul'janov St, Nizhny Novgorod, 603600, Russia 7 831 2 384372 7 831 2 365976 ols@hydro.appl.sci-nnov.ru	SHYLLON, E.A. IAG Geoinformatics Laboratory Faculty of Engineering, University of Lagos, Lagos, Nigeria +234 1 493 2260 EXT 2481 aop@micro.com.ng
SHIIBA, Professor M IAHS Kyoto University Kyoto City, 606-8501, Japan +81 75753 5094 +81 75753 4907 shiiba@hydro3.kuciv-u.ac.jp	SHINDELL, Dr Drew IAMAS NASA GISS 2880 Broadway, Newyork, 10025, USA 212-678-5561 212-678-5552 dshindell@giss.nasa.gov	SHKUPI, Professor Defrim IASPEI Albanian Geological Service Institute of Of Seismology, Tirana, , Albania +355 42 47665 +355 42 28274	SIBECK, Dr David IAGA JHU/APLpl 11100 John Hopkins Road, Laurel, MD, 20723, USA 1-240-2288545 1-240-228-6670 david.sibeck@jhuapl.edu
SHIMA, Dr Hiromasa Oyo Corporation USAsa 2190 Fortune Drive, San Jose, California, 95131, USA 408 428 4285 408 428 4286 hiro-oyousa@worldnet.att.net	SHINE, Professor Keith IAMAS UnNiversity of Reading Department of Meteorology, Earley Gate, Reading, RG6 6BB, UK 0118-931 8405 0118-931 8905 k.p.shine@reading.ac.uk	SHMAKIN, Dr Andrey IAHS GFDL/NOAA PO Box 308, Princeton, New Jersey, 08542, USA 1 609 452 6519 1 609 987 5063 abs@gfdl.gov	SICHAMONG, Neramit Royal Thai Survey Department Bangkok, 10200, Thailand (662) 222 3045 (662) 222 3045
SHIMADA, Dr Seiichi IAG N.I.E.D 3-1 Tennodai, Tsukuba-Shi, Ibaraki- Ken, 305-0006, Japan +81 298 51 16 11 +81 298 74 25 31 shimada@geo.bosai.go.jp	SHINOHARA, Dr Manabu IAGA Kyushu University Dept. Earth aAnd Planetary Sci., 6-10-1 Hakozaki, Fukuoka, 812-8581, JAPAN 0081-92-642-2672 0081-92-642-2685 shino@geo.kyushu-u.ac.jp	SHOSHIRO, Dr Minobe IAPSO Hokkaido University Division of Earth & Planetary, Science, Sapporo, 060 0810, Japan 81 11 706 2644 81 11 706 4907 minoobe@neptune.sci.hokudai.ac.jp	SICHINGABULA, Dr Henry M IAHS University of Zambia Geography Department, PO Box 32379, Lusaka, Zambia 266 1 293 952 hsichingabula@natsci.unza.zm
SHIMADA, Professor Jun IAHS Kumamoto University Dept. of Earth Sci., 2-39-1, Kurokami, Kumamoto, 860-8555, Japan +81 96 342 3419 +81 96 342 3419 jshimada@sci.kumamoto-u.ac.jp		SHULGIN, Boris University of Warwick Dept. of Physics, Gibbet Hill Road, Coventry, CV4 7AL, UK 01203 528 407 01203 692 016 shulgin@astro.warwick.ac.uk	SIDERIS, Professor M IAG University of Calgary Dept. of Geomatics Engineering, 2500 University Drive N.W., Calgary, Alberta, T2N 1N4, Canada 1 403 220 49 85 1 403 284 19 80 sideris@ucalgary.ca

SIDLE, Mr Christopher E. GIUB Hallerstrasse 12, Bern, CHh-3012, Switzerland 0041 31 991 8358 sidle@giub.unibe.ch					
SIDORIN, Dr Igor California Inst. of Technology Seismological Lab 252-21, Pasadena, California, 91125, USA +1 626 395 6932 +1 626 564 0715 igor@gps.caltech.edu	IASPEI				
SIDORIN, Professor A Russian Academy of Sciences Schmidt United Institute, Moscow, 123 810, RUSSIA +7 95 254 4268 +7 95 254 4268 alsid@sovam.com	IASPEI				
SIDOROVA, Dr Larissa Russian Academy of Sciences Izmiran, Troitsk, Moscow Region, 142092, Russia 095 334 01 29 095 334 01 24 golovkov@izmiran.troitsk.ru	IAGA				
SIERK, Mr Bernd ETH Zurich Inst. of Geodesy & Photogram., Eth Hoenggerberg, Zurich, 8093, Switzerland ++41 1 633 6782 ++41 1 633 1066 bernd@geod.ethz.ch	IAG				
SIGNER, Mr Thomas Bundesamt Für Landestopograph. Seftigenstrasse 264, Wabern, 3084, Switzerland 0041-31-963 2384 0041-31-963 2459 thomas.signer@lt.admin.ch	IAG				
SIGWARTH, Dr John The University of Iowa Dept. of Physics And Astronomy, 406 Van Allen Hall, Iowa City, Iowa, 52242, USA 1 319 335 1867 1 319 335 1763 sigwarth@iowasp.physics.uiowa.edu	IAGA				
SIHRA, Mr Kamaljit University of Reading Department of Meteorology, Po Box 243, Reading, RG6 6BB, UK 0118 987 5123 EXT 7218 0118 931 8905 sws98ks@met.rdg.ac.uk	IAMAS				
SILLI, Dr Tero Finnish Meteorological Inst. Geophysical Research, PO Box 503, Helsinki, 00101, Finland +358 9 19294660 +358 9 19294603 tero.silli@fmi.fi	IAMAS				
SILHANEK, Mr Larry GSP Florida Operations, 840 N. Cocoa Blvd, Suite D, Cocoa, Florida, 329227571, USA 1 407 637 0441 EXT 11 1 40 7 637 0333 lsilhane@gspp.net					
SILILO, Dr Oliver T. N. CSIR P O Box 320, Stellenbosch, South Africa +27 21 888 2598 +27 21 888 2682 osililo@csir.co.za	IAHS				
SILVEIRA, Graca CGUL/ISEL University of Lisbon, Rua Da Escola Politecnica 58, Libbon, 1269-10Z, Portugal 351 1 392 18 98 351 1 3953327 gracams@fc.ul.pt	IASPEI				
SIMEK, Jaroslav RIGTC Zdiby 98, 250 66, Czech Republic ++420 204 649 235 ++420 204 649 236 gope@asw.cas.cz	IAG				
SIMMONDS, Professor Ian University of Melbourne School of Earth Sciences, Parkville, Victoria, 3052, Australia 03 9344-7675 03 9344-7761 ihs@met.unimelb.edu.au	IAMAS				
SIMON, Professor Paul IASB Avenue Circulaire 3, Brussels, 1180, Belgium +32 2 373 04 04 +32 2 375 93 36 paul.simon@oma.be	IAMAS				
SIMONOVIC, Professor S University of Manitoba Natural Resources Institute, Winnipeg, R3T ZN2, Canada 204 474 8375 204 261 0038 SIMON@CE.UMANITOBA.CA	IAHS*				
SIMONS, Mr Wim DEOS Faculty of Aerospace Eng., Kluyverweg 1, Delft, 2629 Hs, The Netherlands +31 15 2782043 +31 15 2785322 wim.simons@lr.tudelft.nl	IAG				
SIMONYAN, Dr Anahit Inst Geophysics & Eng Seismol Armenia	IAGA				
SIMPSON, Miss Abigail Environmental Agency Rio House, Waterside Drive, Aztec West, Almonds Bury, Bristol, BS32 4UD, UK 01454 624462 01454 624033 abigail.simpson@environment- agency.gov.uk	IAHS				
SIMPSON, Mr Bennett British Geological Survey Murchison House, West Mains Road, Edinburgh, EH9 3LA, UK 0131 650 0217 0131 667 1877 b.simpson@bg.ac.uk	IASPEI				
SIMPSON, Professor John University of Wales, Bangor School of Ocean Sciences, Menai Bridge, Anglesey, LC59 5EY, UK 01248 382844 01248 382612 j.h.simpson@bangor.ac.uk	IAPSO				
SINGER, Dr Howard NOAA R/E/SE 325 Broadway, Boulder, Colorado, 80303, USA 303 497 69 59 303 497 53 88 hsinger@sec.noaa.gov	IAGA				
SINGER, Dr Werner Inst. of Atmospheric Physics Schloss Strasse 6, Kuehlungsborn, D-18225, Germany 49 38293 680 49 38293 6850 singer@iap-kborn.de	IAGA/IAMAS				
SINGH, Dr Abhay Kumar JAWaharlal Nehru University School of Environmental, Sciences, New Delhi, 110 067, INDIA 91 011 6169264 singhak@yahoo.com	IAHS				
SINGH, Dr R N CSIR C-MMACS, Yemlur P.O., Bangalore, 560 037, India 91 80 527 4667 (527 7435) 91 80 526 0392 rnsingh@cmmacs.ernet.in	IASPEI				
SINGH, Dr Ramesh Indian Inst. of Technology Dept. of Civil Engineering, Kampur, 208016, India 91 512 597295 91 512 590260 ramesh@iitk.ac.in	IAMAS				
SINGH, Hanwant Nasa Ames Research Center M.S. 245-5, Moffett Field, California, 94035, USA (650) 604 6764 (650) 604 3625 hsingh@mail.arc.nasa.gov	IAMAS				
SINGH, Professor R.B. University of Delhi Dept. of Geography, University of Delhi, Delhi, 110007, India 91 11 725 7312 91 11 725 7336 OR 7312 rbsgeo@hotmail.com	IAHS				
SINITO, Dr Ana Maria IFAS-Uncpba Pinto 399, Tandil, 7000, Argentina 54 2293 447110 54 2293 444433 asinito@ifas.exa.unicen.edu.ar	IAGA				
SISWOSARDJONO, Sudjono Bakosurtanal J.C. Raya Jakarta-Bogor, Cibinong, 16911, Indonesia 62 21 87906060 62 021 8706060	IAG				
SITAR, DR Robert University of Michigan 64 Hampshire Drive, Nashua, NH, 03063, USA (603) 886 0834 rsitar@haystack.mit.edu	IAGA				
SITEPU, Dr M. J. Blom Dantarsa / PPC J.C. Kemang Raya NO.24, Jakarta, 12730, Indonesia +62 21 718 1633 +62 21 719 4339 MSI@BLOM.CO.ID	IAPSO				
SIVJEE, Dr Gulamabas Embry-Riddle Aeronautical Univ Space Physics Research Lab., 600 S. Clyde Morris Boulevard, Daytona Beach, Florida, 32114-3900, USA 904 226 6711 904 226 6713 sivjee@db.erau.edu	IAGA				
SIZOVA, Dr Lilia Z IZMIRAN Troitsk, Moscow Region, 142092, Russia 70953340120 70953340124 sizov@izmiran.rssi.ru	IAGA				
SKALLOUD, Dr Jan Swiss Federal Inst. of Tech. DGR - Topo, Lausanne, 1015, Switzerland +41 21 693 2753/5 +41 21 693 5740 jan.skaloud@epfl.ch					
SKIBA, Dr Yuri Unam University Centro De Ciencias De La Atmos, Circuito Exterior, 04510, Mexico 525 622 4247 525 622 4090 skiba@servidor.unam.mx	IAPSO				
SKILBREI, Dr Jan Geological Survey of Norway Leiv Eirikssons Vei 30, Lade, Trondheim, 7002, Norway +4773904455 jan.skilbrei@ngu.no	IAGA				
SKONE, Dr Susan University of Calgary Dept. of Geomatics Engineering, 2500 University DR. NW, Calgary, AB, T2N 1N4, Canada 403 220 7589 403 284 1980 sskone@ensu.ucalgary.ca	IAG				
SKOUG, Dr Ruth Los Alamos National Laboratory NIS-1, MS 1466, Los Alamos, 87545, USA 505-667-6594 505-665-7395 rskoug@lanl.gov	IAGA				
SLEDZINSKI, Prof Dr J Inst. Geodesy & Geodetic Astr. Warsaw Univ. of Technology, PL. Politechniki 1, Warsaw, 00-661, Poland 4822 6228515 4822 6210052 sledzinski@gjk.pw.edu.pl	IAG				

SLEEMAN, Mr Reinoud IASPEI Royal Neth. Met. Institut. PO Box 201, De Bilt, 3730 AE, The Netherlands +31 30 2206343 +31 30 2201364 sleeman@knmi.nl	SMIT, Dr Patrick IASPEI IMPERIAL College Dept. of Civil & Envi. Engin., Imperial College Road, London, SW7 2BU, UK 0171 594 61 12 0171 594 60 53 p.smit@ic.ac.uk	SMITH, Dr Sharon Geological Survey of Canada 601 Booth Street, Ottawa, Ontario, K1Aa 0Ee8, Canada 613 947 7066 613 992 0190 ssmith@nrcan.gc.ca	SMITH, Sam IAMAS MET Office MRF, Building Y46, Dera, Farnborough, Hampshire, UK 01252 345 733 sasmith@meto.gov.uk
SLEJKO, Dr Dario O.G.S. Borgo Grotta Gigante 42/B, Trieste, 34010, Italy 39 040 2140248 dslejko@ogs.trieste.it	SMITH, Dr Anne IAMAS NCAR PO Box 3000, Boulder, Colorado, 80307, USA 303 497 1876 303 497 1400 aksmith@ucar.edu	SMITH, Dr William NASA Langley Research Center 21 Langley Blvd., Mail Stop 401, Hampton, Virginia, 23681, USA 757 864 5380 757 864 8197 bill.1.smith@larc.nasa.gov	SMITHSON, Dr Michael IAPSO CCMS-Proudman Oceanograph. Lab Bidston Observatory, Birkenhead, Merseyside, L43 7RA, UK 0151 653 8633 0151 653 6269 msm@ccms.ac.uk
SLINGO, Dr Anthony IAMAS Met. Office Hadley Centre, London Road, Bracknell, Berks, RG12 2SY, UK 01344 856651 01344 854898 aslingo@meto.gov.uk	SMITH, Dr Claire IAPSO Institute of Ocean Sciences Po Box 6000, 9860 West Saanich Road, Sidney, B.C. V8L 4B2, Canada 250 363 6394 250 363 6746 smithdl@dfo-mpo.gc.ca	SMITH, Ian Ernest M. IAVCEI University of Auckland Department of Geology, Private Bag 92019, Auckland, 1000, New Zealand +649 737 7599 EXT 7416 +649 373 7435 ie.smith@auckland.ac.nz	SMRIGLIO, Dr Giuseppe IASPEI Istituto Naz. Di Geofisica Via Di Vigna Murata 605, Roma, 00143, Italy +390651860341 +390651860338 geostar@ing750.ingrm.it
SLINGO, Dr Julia IAG/IAMAS/IAPSO University of Reading Department of Meteorology, Earley Gate, Reading, RG6 6BB, UK 0118 931 8424 0118 931 8316 j.m.slingo@reading.ac.uk	SMITH, Dr David IAMAS Los Alamos National Laboratory Space & Atmospheric Sciences, Mail Stop D466, Los Alamos, New Mexico, 87545, USA 505 667 1055 505 665 7395 smithda@lanl.gov	SMITH, Michael H. IAMAS CMAS, Sunderland U Benedict Building, St. George's Way, Sunderland, SR2 7BW, UK 0191 515 3831 0191 515 3834 m.h.smith@sunderland.ac.uk	SMYTHE-WRIGHT, Dr Denise IAPSO S'ton Oceanography Centre Empress Dock, Southampton, SO41 32M, UK 01703 596439 01703 596204 dsw@soc.soton.ac.uk
SLOYAN, Dr Bernadette IAPSO Alfred Wegener Institute Postfach 120161, Bremerhaven, 27515, Germany +49(0471)4831 756 bsloyan@awi-bremerhaven.de	SMITH, Dr Dru IAG National Geodetic Survey N/NGSgs5, 1315 East-West Highway, SSMC3, Room 9349, Silver Spring, Maryland, 20910, USA 1 301 713 3202 1 301 713 4172 dru@ngs.noaa.gov	SMITH, Miss Joanna Louise IAMAS University of Reading Department of Meteorology, PO Box 243, Early, Reading, RG6 6BB, UK 0118-987 5123 / 4284 0118-931 8905 swr98jls@met.rdg.ac.uk	SNEGIZEV, Prof. Anatoli IAHS Permafrost Institute Vnimsz, Ap. 8, Chernyshevsky, 678185, Russia +411 36 73443 frozen@mizny.sakha.ru
SLUNGA, Professor Ragnar IASPEI Uppsala University Department of Earth Science, Villavagen 16, Uppsala, S-75236, Sweden	SMITH, Dr Edward IAGA JET Propulsion Laboratory 4800 Oak Grove Drive, M/S 169 506, Pasadena, 91001, USA 818 354 2248 818 354 8895 esmith@jplsp.jpl.nasa.gov	SMITH, Mr Anthony CSIRO Land and Water Private Bag, Po Wembley, WA 6014, Australia +61 8 9333 6259 +61 8 9387 8211 tony.smith@per.clw.csiro.au	SNEYERS, Dr Raymond IAGA Institut Royal Meteorologique Avenue Circulaire 3, Brussels, B 1180, Belgium 32-2-3730622 32-2-3755062 rsneyers@oma.be
SMART, Mr Don IAGA UAH/CSPAR 100 Tennyson Avenue, Nashua, NH, 030622535, USA +1 603 888 6839 +1 603 888 4733 sssrc@msn.com	SMITH, Dr Gideon IASPEI Washington University Dept. Earth and Planetary, Sciences. 1 Brookings Drive, Campus Box 1169, St Louis, MO 63130, USA 314 935 7372 314 935 7361 gideon@mantle.wustl.edu	SMITH, Professor Alan IAVCEI National Cheng Kung University Department of Earth Sciences, Tainan, 701, Taiwan 886 6 275 75 75 EXT 65428 886 6 274 0285 mochinm@mail.ncku.edu.tw	SNITIL, Miss Bettina IASPEI TUD Institute of Physical Geodesy, Darnstadt University Or Tech., Petersenstr.13, D- 64287, Germany +49-6151-166560 +49-6151-164916 snitil@geod.tu-darmstadt.de
SMEED, Dr David IAPSO Southampton Oceanography Cent. James Rennell Division, Empress Dock, Southampton, SO14 3ZH, UK 01703 596407 01703 596400 d.smeed@soc.soton.ac.uk	SMITH, Dr John IAPSO Bedford Institute of Oceanogr. Dartmouth, NS, B2Y 4A2, Canada +1 902 426 3865 smithjn@mer.dfo.mpd.ca.ca	SMITH, Professor Raymond IAPSO UNIV. CALIF. Santa Barbara ICISS, UCSB, Santa Barbara, California, 93106, USA 805 893 4709 805 893 2578 ray@iciss.ucsb.edu	SNORRASON, Dr Arni IAHS National Energy Authority Grensasvegur 9, Reykjavik, IS-108, Iceland +354 569 6000 +354 568 8896 asu@os.is
SMIRNOVA, Dr Natalia IASPEI St. Petersburg University Institute of Physics, U'lyanovskaya STREET, ST. PETERSBURG, 198904, Russia 7 812 428 46 32 7 812 428 72 40 nsmir@snoopy.phys.spbu.ru	SMITH, Dr Leslie UNION University of British Columbia Dept. of Earth/Ocean Sciences, 6339 Stores Road, Vancouver, British Columbia, V6T 1Z4, Canada 001-604-822 4108 001-604-822 6088 lsmith@eos.ubc.ca	SMITH, Professor Ronald.B IAMAS Yale University Dept. of Geology and Geophys., PO Box 208109, New Haven, Connecticut, 06520-8109, USA 203 432 3129 203 432 3134 ronald.smith@yale.edu	SNOWEN, Mr Conor IASPEI University of Edinburgh Depart. of Geology. & Geophys., Grant Instit. West Mains Road, Edinburgh, EH9 3JW, UK 0131 650 59 17 0131 668 31 84 conor.snowden@glg.ed.ac.uk
SMIRNOVA, Ms Tatiana IAMAS Forecast Systems Laboratory ERL/NOAA, R/E/FSL, 325 Broadway, Boulder, CO, 80303, USA 1 303 497 6253 1 303 497 7562 smirnova@fsl.noaa.gov	SMITH, Dr Neville IAMAS Bureau of Meteorology Res.Cen. GPO Box 1289k, Melbourne, 3001, Australia 613 9669 4434 613 9669 4660 n.smith@bom.gov.au	SMITH, Rick Australian Geological Survey Antarctic CRC, University of Tasmania, Hobart, 7001, Australia +61 3 6226 2973 r.smith@utas.edu.au	SOARES, Pedro IAMAS University of Lisbon Rua Da Escola Bilitecnica, 58, Lisboa, 1250, Portugal 392 18 63 395 33 27 psoares@fxml.pt

SOBOLEV, Professor G IASPEI Inst. Physics of The Earth B.Gruzinskaya 10, Moscow, 123810, Russia +7 095 2542478 +7 095 2542478 sobolev@uipe-ras.scgis.ru	SOLHEIM, Mr Dag IAG Geodetic Institute Norwegian Mapping Authority, Servicebox 15, Honefoss, 3504, Norway +47 32118295 +47 32118101 dags@gddiv.statkart.no	SOTIRELIS, Dr Thomas IAGA JHU/APL 11100 Johns Hopkins Rd., Laurel, Maryland, 20723-6099, USA 240 228 4768 240 228 6670 tom.sotirelis@jhuapl.edu	SPARKS, Professor Stephen IAVCEI University of Bristol Dept. of Earth Sciences, Will Building, Bristol, BS8 1RJ, UK 01179 545419 01179 253385 steve.sparks@bris.ac.uk
SOBRAL, Dr Jose Humberto IAGA INPE Caixa Postal 515, SAO Jose Campos, , 12201 970, Brazil 55 12 345 6782 55 12 345 6990 sobral@dir.inpe.br	SOLIMAN, Professor S IAG Survey Research Institute, Sri 308 Alharam Street, Talbia, Giza, 12111, Egypt 586 7174	SOUDARIN, Dr Laurent IAG CLS 8-10 Rue Hermes, Parc Technologique Du Canal, Ramonville Saint-Agne, 31526, France 33 5 61 39 48 49 33 5 61 39 48 40 laurent.soudarin@cls.fr	SPAULDING, Mr David UNION National Research Council Office of Int. Affairs, Nas 241, 2101 Constitution Ave, Washington, DC, 20418, USA 1 202 334 2233 1 202 334 2231 sspauldi@nas.edu
SOEKARNO, Mr Sasmito IAHS University of Birmingham School of Civil Engineering, Edgbaston, Birmingham, B15 2TT, UK 0121 257 4660 soekarno@civ-fs3.bham.ac.uk	SOLOMON, Dr Susan IAMAS NOAA Aeronomy Laboratory, R/E/A18, 325 S.Broadway, Boulder, Colorado, 80303, USA 303-497-3483 303-497-5373 solomon@al.noaa.gov	SOUFFLET WILLART, Dr V IAMAS Univ. Du Littoral Cote D'opale Maison /Recherche Env. Naturel, 28 Avenue FOCH / B.P. 59, B.P. 59, Wimereux, F-62930, France 0033 3 21 99 64 17 0033 3 21 99 64 01 veronique.soufflet@loalit.univ-littoral.fr	SPENCE, Dr Thomas IAPSO U.S. National Sci. Foundation 4201 Wilson Blvd., Arlington, Virginia, 22230, USA +703 306 1502 +703 306 0372 tspace@nsf.gov
SOFIA, Professor Sabatino Yale University Dept. of Astronomy, PO Box 208101, New Haven, Connecticut, 06520 8101, USA 203 4323011 203 4325048 sofia@astro.yale.edu	SOLOVIEV, Dr Alexandre IASPEI IIEP Theory & Math. Geophysics, Warshavskoye Sh. 79 KOI 2, Moscow, 113556, Russia +7 95 110 46 78 +7 95 310 70 32 soloviev@mitp.ru	SOULIS, Professor Eric D IAHS University of Waterloo Dept. of Civil Engineering, 200 Columbia Street West, Waterloo, Ontario, N2L 3Gg1, Canada +1 519 888 4567 EXT 2175 +1 519 746 7499 rsoulis@sunburn.uwaterloo.ca	SPENCE, Professor Harlan IAGA Boston University Center for Space Physics, 725 Commonwealth Avenue, Boston, Massachusetts, 02215, USA 617 353 7412 617 353 6463 spence@bu.edu
SOJKA, Dr Jan J IAGA Utah State University Cent.For Atmos. & Space Scien., 4405 Old Main Hill, Logan, Utah, 84322-4405, USA 001-435-797 2964 001-435-797 2992 fasojak@sojka.cass.usu.edu	SOMAYAJULU, Professor B IAPSO Physical Research Laboratory Navrangpura, Ahmedabad, 380 009, INDIA +91 79 646 2129 soma@prl.ernet.in	SOUPRAYEN, Dr Claude DAMTP, University of Cambridge Cambridge, England, CB3 9EW, UK c.souprayen@damtp.cam.ac.uk	SPICAK, Dr Ales IASPEI Geophysical Institute As Cr Bocni li/1401, Prague 4, 141 31, Czech Republic +420-2-67103345 +420-2-7276159 als@ig.cas.cz
SOKOLOV, Dr Serguei IAPSO CSIRO CSIRO Marine Research, Gpo Box 1538, Hobart, Tasmania, 7001, Australia 61 3 6232 5218 61 3 6232 5000 serguei.sokolov@marine.csiro.au	SON, Miss Sujeong IAGA Chungnam National University Dept. of Astronomy & Space, Science, Daejeon, 305 764, South Korea 82 42 821 7492 82 42 822 8380	SOURIAU, Dr Annie IASPEI CNRS Observatoire Midi-Pyrenées, 14 Avenue Edouard Belin, Toulouse, 31400, France 33 5 61332964 33 5 61332900 annie.souriau@cnes.fr	SPICHAH, Professor V IAGA Gemri Ras PO Box 30, Troitsk, Moscow Region, 142092, Russia 7 095 1376951 7 095 1376951 v.spichah@g23.relcom.ru
SOKOLOV, Dr Vladimir IASPEI NCREE 200 Sec 3, Hsinhai Rd, Taipei, Taiwan 886 2 2732 6607 (401) 886 2 2732 2223 vova@email.ncree.gov.tw	SONG, Dr Yan IAGA University of Minnesota School of Physics & Astronomy, 116 Church Street, S.E., Minneapolis, Minnesota, 55455, USA 1 612 624 4053 1 612 626 2029 yan@aurora.space.umn.edu	SOUVERMEZOGLOU, Ekaterini IAPSO N.C.M.R Aghios Kosmos, Hellinikon, Athens, 16604, Greece +301 965 3520-21	SPJKERS, Mr Tom WS Atkins 46 Hessel Road, London, W13 9ES, UK 0181 357 8094 tom.spijkers@virgin.net
SOKOLOVA, Dr Inna Complex Seismological Exped. Jipe Ras, Cse Kamo Str. 88Aa, Talgar, 483310, Kazakhstan (+7 32774) 4 76 38 (+7 32774) 4 51 32 adm@cseacadem.alma-ato.su	SONG, Mr Teh-Ru Alex IASPEI National Central University Institute of Geophysics, Chung-Li, Roc 320-54, Taiwan 886 3 4227151 EXT 5634 886 3 4222044 fong@sal.gep.ncu.edu.tw	SOUZA, Alesandro IAPSO Proudman Oceanographic Lab. Ccms, Bidston Observatory, Bidston Hill, Drenton, CH43 7RA, UK 0151 653 8633 0151 653 9011 ajs@ccms.ac.uk	SPILHAUS Jr, Dr A F UNION AGU 2000 Florida Avenue, NWw, Washington, Dc., 20009, USA +1 202 939 3219 +1 202 328 0566 fspilhaus@agu.org
SOL, Mr Stephane Queen's University Department of Geological, Sciences, Kingston, Ontario, K7L 3N6, Canada 16135336178 16135336592 sol@geol.queensu.ca	SONNERUP, Dr Bengt IAGA Dartmouth College Thayer School of Engineering, 8000 Cummings Hall, Hanover, New Hampshire, 03755-8000, USA 603 646 2883 603 646 3856 sonnerup@dartmouth.edu	SOWARD, Professor Andrew IAGA University of Exeter School of Mathematical Science, North Park Road, Laver Building, Exeter, EX4 4QE, UK 01363 263976 01363 263997 soward@ex.ac.uk	SPITZER, Dr Klaus IAGA J.G.R.I. Stilleweg 2, 30655, Hanover, 30655, Germany +49-511-643-3490 +49-511-643-3665 klaus.spitzer@gga-hannover.de
	SOON, Dr Willie Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, MS16, Cambridge, MS02138, USA 001-617-495-7488 001-617-495-7095 wsoon@cfa.harvard.edu	SPANG, Dr Reinhold IAMAS University of Wuppertal Wuppertal, 42097, Germany 49 202 439 3504 49 202 439 2680 spang@npas2.physik.uni-wuppertal.de	SPRIGG, Dr William UNION The University of Arizona PO Box 65235, Tucson, Arizona, 85728, USA 001 520 621 7331 001 520 621 5004 wsprigg@u.arizona.edu

SRIDHARAN, Dr R Space Physics Lab. Vssc Trivandrum, 695 022, India 91 471 56 36 63 415 335 spl-vssc@vssc.org	IAGA	STANEVA, Dr Joanna University of Sofia Dept. of Meteorology, Faculty of Physics, 5 James Bouchier Street, Sofia, 1126, Bulgaria +359 2 6256289 +359 2 962576 joana@phys.uni-sofia.bg	IAPSO	STEFANUTTI, Leopoldo IROE-CNR Via Panciatichi 64, Firenze, 50127, Italy +39 055 43 61 691 +39 055 936 16 91 lidar@iroe.fi.cnr.it	STEPANOVA, Dr Marina Univ. De Santiago De Chile Depto De Fisica, Casilla 307, Correo 2, Santiago, 307, Chile 0056 2 225 46 70 mstepano@lauca.usach.cl	IAGA
SRINAGESH, Davuluri NGRI Uppal Road, Hyderabad, 500007, INDIA 91 40 7170141 91 40 7171564 postmast@csngri.ren.nic.i	IASPEI	STANICA, Dumitru Geological Institute Caramsebes Ste. 1, Bucharest, 78344, Romania +40 1 224 0604 stanica@us.igr.ro	IAGA	STEFFEN, Dr Will Intl. Geosphere-Biosphere Prog Royal Swedish Academy of Sci., Box 50005, Stockholm, S-104 05, Sweden 46 8 16 64 98 46 8 16 64 05 will@igbp.kva.se	STEPHENS, Graeme Colorado State University Department of Atmos. Sciences, Ft Collins, 80523, Usa +1 970 491 8550 +1 970 491 3430 stephens@atmos.colostate.edu	IAMAS
SRINIVASAN, Professor V S Cct/Ufpb Campus Iii AVv. Aprigio Velosos 882, Bodacongo, Campina Grande, 58109-970, Brazil 55 83 310 1289 55 83 310 1388 srinivas@rechid.ufpb.br	IAHS	STANLEY, Dr Mark New Mexico Tech Route 1, Box 49, Lemitar, 87823, USA +1 505 835 2136 +1 505 835 5717 stanley@ibis.nmt.edu	IAGA	STEFFEN, Mr Konrad University of Colorado Univ. of Colorado / Cires, Campus Box 216, Boulder Co, 80309-0216, USA 303-492-4524 303-492-1149 koni@science.colorado.edu	STEPHENSON, Dr David Universite De Toulouse Laboratoire De Statistique, Et Probabilites, 118 Route De, Narbonne, Toulouse, F-31062, France 33 0 561 55 61 42 33 0 561 55 60 81 stephen@cict.fr	IAPSO
SRIVASTAVA, Dr Hari N India Meteorological Dept B1/52, Paschim Vihar, New Delhi, 110063, India 91 11 5688530 hn_srivastava@hotmail.com	IASPEI	STASIEWICZ, Dr Kristof Swedish Inst. of Space Physics Uppsala, 75591, Sweden +46 18303643 +46 18403100	IAGA	STEINBERGER, Dr Bernhard University of Frankfurt Inst. F. Meteorologie Und, Geophysik, Feldbergstr.47, Frankfurt, 60323, Germany +49-69-738-24925 +49-69-298-23280 steinber@geophysik.uni-frankfurt.de	STEPHENSON, Mr Fred Institute of Ocean Sciences 9860 West Saanich Rd., Sidney, B.C., V8I 4Bb2, Canada 250 363 6350 250 363 6323 stephenfon@dfp-mpo.gc.ca	IAPSO
ST.CYR, Dr O.C CPI/NRL/NASA Code 682, Nasa-Goddard, Greenbelt, Maryland, 20771, USA 301 286 2575 301 286 1617 cst@sdac.nascom.nasa.gov	IAGA	STAUNING, Peter Danish Meteorological Inst. Lyngbyvej 100, Copenhagen, Dk-2100, Denmark 45 39157473 45 39157538 pst@dmi.dk	IAGA	STEINER, Dr Andrea University of Graz Inst. Meteorology & Geophysics, Halbaerthgasse 1, GRAZ, A-8010, Austria +43 316 380 5262 +43 316 380 9825 andi.steiner@kfunigraz.ac.at	STEPPELER, Mr Jurgen DWD Frankfurter Strasse 135, Offenbach, 63067, Germany 49 69 80 62 27 27 49 69 80 62 32 21 jsteppele@dwd.d400.de	IAPSO
STACEY, Dr Michael Royal Military College Department of Physics, PO Box 17000, Stn Forces, Kingston, Ontario, K7K 7B4, Canada 613-541-6000 613-541-6040 stacey-m@rmc.ca	IAPSO	STEARNS, Dr Charles University of Wisconsin Dept of Atmos and Oceanic Sci, 1225 West Drayton Street, Madison, Wisconsin, 53706, USA 608 262 0780 608 262 5974 chucks@ssec.wisc.edu	IAMAS	STEINHAUSER, Prof Dr P Central Inst. Met & Geodynam. Po Box 342, Hohe Warte 38, Vienna, 1190, Austria +43 1 36 026 2001 +43 1 36 912 33 diom@zamg.ac.at	STERLING, Dr Alphonse CPI/ISAS Inst. Space & Astro. Sci., 3-1-1 Yoshinodai, Sagamihara, Kanagawa, 229 8510, Japan 81 042 759 8147 81 042 759 8469 sterling@isasxa.solar.isas.ac.jp	IAGA
STAHL, Ms Kerstin University of Freiburg Institute of Hydrology, Fahrenbergplatz 1, Freiburg, 79098, Germany +49 761 203 3539 +49 761 203 3594 kstahl@uni-freiburg.de	IAHS	STEEL, Michael Dundee University Geography Department, Dundee, Scotland, DD1 4HN, UK 01382 344434 01382 344434 m.steel@dundee.ac.uk	IAHS	STENBORG, Mr Guillermo MPAe Max-Planck-Str. 2, Katlenburg-Lindau, D-37191, Germany +49 5556 979 464 +49 5556 979 240 stenborg@linmpi.mpg.de	STERLINI, Mr Paul Aston Space Geodesy Dept. Civil Engineering, Aston University, Birmingham, England, B4 7ET, UK 0121 359 3611 EXT 4553 sterlinp@aston.ac.uk	IAG
STAINFORTH, Mr David University of Oxford Atmospheric Physics, Clarendon Laboratory/Parks Rd, Oxford, OX1 3PU, UK +44 1865 272093 +44 1865 272923 das@atm.ox.ac.uk		STEEN, Dr Ake IRF Swedish Inst. of Space Physics, Box 812, Kiruna, SE-981 28, Sweden 46 980 79000 46 980 79091 ake.steen@irf.se	IAGA	STENCHIKOV, Professor G Rutgers University Department of Environmental SCC, 14 College Farm Road, New Brunswick, New Jersey, 08901-8551, USA 732-932-3637 732-932-8644 gera@envsci.rutgers.edu	STEVENS, Bjorn MPI-UCLA Max Planck Inst. fFor Meteor., Bondesstrasse 55, Hamburg, , Germany +49 40 3861 4974 stevens@dkrz.de	IAMAS
STAMNES, Dr Knut University of Alaska Geographical Institute, PO.Box 757320, Fairbanks, Alaska, 99775-7320, USA 907-474-7368 907-474-7290 knut@gi.alaska.edu	IAMAS	STEENVOORDEN, Joop DLO Winand Staring Centre Postbox 125, Wageningen, 6700 ACAC, The Netherlands 0 317 474200 0 317 424812 j.h.a.m.stenvoorden@sc.dlo.nl	IAHS	STENING, Dr Robert University of New South Wales School of Physics, Sydney 2052, New South Wales, 2052, Australia 0061-2-9385 4584 0061-2-9385 6060 r.stening@unsw.edu.au	STEVENS, Dr David University of East Anglia School of Mathematics, Norwich, NR4 7JT, UK 01603 592590 01603 593868 d.stevens@vea.ac.uk	IAGA
STANCALIE, Dr Gheorghe National Inst. of Meteorology 97 Soseaua Buchuresti-Ploiesti, Sector 1, Bucharest, 71552, Romania +40 1 2303116 +40 1 2303143 george@meyeo.inmh.ro	IAHS	STEFANSSON, Dr Ragnar Icelandic Met. Office Dept. of Geophysics, Bustadavegur 9, Reykjavik, 150, Iceland 354 5600600 354 5528121 ragnar@vendur.is	IASPEI	STEVENS, Dr Ian U.E.A. School of Mathematics, University of East Anglia, Norwich, Norfolk, NR4 7JT, UK 01603 592600 i.stevens@vea.ac.uk		

STEVENSON, David IAMAS Met. Office Room 153., London Road, Bracknell, Berks, RG12 257, UK 01344 854634 01344 854493 dstevenson@meto.gov.uk.	STONE, Dr Roger Queensland Dpi Old. Centre For Climate Appl., 203 Tor St., Toowoomba, Queensland, 4350, Australia 0746 881293 0746 881477 stoner@dpi.qld.gov.au	STRUPCZEWSKI, IAHS/IAMAS Professor W Polish Academy of Sciences Institute of Geophysics, Ksiecia Janusza64, Warsaw, 01-452, Poland 48 22 6915853 48 22 6915915 wgs@seisroli.igf.edu.pl	SU, Dr WenyinG IAMAS EORC National Space Dev. Agency, 1-9-9 Roppongi, Minato-Ku, Tokyo, 106, Japan 81 3 3224 7081 81 3 3224 7052 swy@eorc.nasda.go.jp
STEWART, Dr Mike IAG Curtin Univ. of Technology School of Spatial Sciences, GPO Box U1987, Perth, 6845, Australia +89266 7600 +89266 2703 stewart@vesta.curtin.edu.au	STONE, Professor Edward IAGA JET Propulsion Laboratory 4800 Oak Grove Drive, M/S 180-904, Pasadena, California, 91109, USA 001 818-354 3405 001 818-393-4218 edward.c.stone@jpl.nasa.gov	STRUTHERS, Dr Hamish IAMAS University of Reading Cgsm, Department of Meteorology, Reading, RG6 6BB, UK +44-118-9875123ext17843 +44-118-9318316 hamish@met.reading.ac.uk	SU, Professor Pu IAGA Taiyuan Univ. of Technology Allegat 41, Inst. SO. Earth Phy., University of Bergen, Bergen, N-5007, Norway 00 47 55 58 34 37 00 47 55 58 96 69 pu.su@ifjf.uib.no
STEWART, Dr Ronald IAMAS Atmospheric Environment Serv. 4905 Dufferin Street, Downs View, Ontario, M3H 5T4, Canada 1 416 739 4122 1 416 739 5700 ron.stewart@ec.gc.ca	STORCHAK, Dr Dmitry IASPEI I.S.C. Pipers Lane, Thatcham, RG19 4NS, UK 01635 861022 01635 872351 dmitry@isc.ac.uk	STRYKOWSKI, Dr Gabriel IAG National Survey & Cadastre Rentemestervej 8, DK-2400, Denmark +45 35 87 53 16 +45 35 87 50 52 gs@kms.dk	SUAREZ Reynoso, DR G. CTBTO PO Box 1200, Wagramerstrasse 5, Vienna, 1400, Austria 43 1 26030 6153 42 1 26030 5922 gerardo.suarez@ctbto.org
STEWART, Mr Adrian EQE International Genesis Centre, Science Park South, Birchwood, Warrington, WA2 8LG, UK 01925 285300 01925 285316 aps@eqe.co.uk	STOREY, Mr Jon Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	STRZEPEK, Kenneth IAHS University of Colorado CB 428, Civil Engineering, Boulder, Colorado, 80309-0428, USA +1 303 492 7111 +1 303 492 7317 strzepek@colorado.edu	SUBBARAO, PROFESSOR C. IAHS Andhra University Department of Geophysics, Visak Hapatnam, 530 003, India 550093 0091 891 555541
STICH, Daniel IASPEI Instituto Andaluz De Geofisica Campus Univ. De Cartuja, Canada, 18071, Spain daniel@iag.ugr.es	STOTT, Dr Peter IAMAS UK Met Office Hadley Centre, London Road, Bracknell, Berkshire, RG12 2SY, UK 01344 854011 01344 854898 pastott@meto.gov.uk	STUDER, Mr Kaspar University of Basel Institute of Geography, Sektion P.G. & L.E., Spalenring, 145, Switzerland +41 61/272 66 32 +41 61/272 69 23 studer@ubaclu.unibas.ch	SUBBARAO, Professor K IAVCEI Indian Inst. of Technology Dept. of Earth Sciences, Mumbai, Bombay, 400076, India (022)5767267/5781632 022 5783480 subbu@geos.iite.ernet.in
STILLER, Dr Olaf IAMAS University of Reading Department of Meteorology, Earley Gate, Reading, RG6 6BB, UK ++44-118-9875123 ext.4235 ++44-118-931 9805 o.stiller@reading.ac.uk	STRAHAN, Dr Susan IAMAS General Sciences Corp. Nasa Goddard Space Flt. Centre, Code 910.3, Greenbelt, Maryland, 20771, USA 001 301 614 5995 001 301 614 5903 strahan@dao.gsfc.nasa.gov	STUMPTNER, Mr Willibald IAGA Austrian Academy of Sciences Space Research Inst., Dept. of Extraterrestrial Phy., Elisabethstrasse 20, Graz, A-8010, Austria +43 316 3210912 +43 316 3210914 willibald.stumptner@oeaw.ac.at	SUDICKY, Professor Edward IAHS University of Waterloo Department of Earth Sciences, Waterloo, Ontario, N2L 3G1, Canada 001 519 888 4567 X6271 001 519 746 7484 sudicky@sciborg.uwaterloo.ca
STILLMAN, Professor Chris IAVCEI Trinity College Dublin Geology Department, Dublin, 2, Ireland 00353-1-608 1362 00353-1-671 1199 cstillmn@tcd.ie	STRANGEWAY, Dr Robert IAGA IGPP/UCLA 405 Hilgard Avenue, Los Angeles, CA, 90095, USA +1-310-206-6247 +1-310-206-3051 strange@igpp.ucla.edu	STURGES, Dr Bill University of East Anglia School of Environ. Sciences, Norwich, England, NR4 7TJ, UK 01603 592018 01603 452420 w.sturges@uea.ac.uk	SUGI, Dr Noriko IASPEI Kyoritsu Women's University Moto-Hachioji, Hachioji, Tokyo, 193-8501, Japan 0081-426-61 9852 0081-426-61 9805 sugi@s1.kyoritsu-wu.ac.jp
STIXRUDE, Professor Lars IASPEI University of Michigan Dept. of Geological Sciences, 425 E. University, Ann Arbor, MI, 481091063, USA 734 647 9071 734 763 4690 stixrude@umich.edu	STRATTON, Dr Rachel IAMAS Met. Office Hadley Centre, Room H021, London Road, Bracknell, Berks, RG12 2SY, UK 01344 856879 01344 854898 rastratton@meto.gov.uk	STURMAN, Professor Andrew IAMAS University of Canterbury Department of Geography, Private Bag 4800, Christchurch, New Zealand +64 3 3642 502 +64 3 3642 907 andy@geog.canterbury.acnz	SUGI, Mr Masato IAMAS Meteorological Research Inst 1-1 Nagamine, Tsukuba, Ibaraki, 305-0052, Japan 81 298 53 8600 81 298 55 2552 msugi@mri-jma.go.jp
STODDARD, Dr Paul IASPEI Northern Illinois University Dept. of Geology, DeKalb, Illinois, 60115-2854, USA 815 753 7929 815 753 1945 prs@geol.niu.edu	STRAUB, Dr Susanne M Geomar Research Center Wischhofstr. 1-3, Kiel, 24148, Germany 0049-431-600 2137 0049-431-600 2924 sstraub@geomar.de	STURROCK, Dr Georgina IAMAS CSIRO Atmospheric Research PMB 1, Aspendale, Victoria, 3195, Australia 61 3 9239 4665 61 3 9239 4444 georgina.sturrock@dar.csiro.au	SUGIHARA, Mr Mituhiko Geological Survey of Japan 1-1-3 Higashi, Tsukuba, 305 8567, JAPAN +81 298 54 3784 +81298 54 3789 sugihara@gsj.go.jp
STOKER, Professor Pieter IAGA Potchefstroomse Univ. C.H.E. Space Research Unit, Private Bag X6001, Potchefstroom, 2520, South Africa 0027-18 299 2422 0027-18-299 2421 fskphs@puknet.puk.ac.za	STROBEL, Darrell F. Johns Hopkins University Dept. Earth & Planetary Sci., Battimore, 21218-2687, USA 1 410 516 7829 1 410 516 7933 strobel@jhu.edu	STUTZMANN, Dr Eleonore IASPEI Institut De Physique Du Globe 4 Place Jussieu, Paris, 75252, France 33.1.44.27.38.99 33.1.44.27.38.94 groult@ipgg.jussieu.fr	SUGIURA, Professor M IAGA Tokai University 2-28-4 Tomigaya Shibuya, Tokyo, 151-0063, Japan +81 3 3467 2211 +81 3 3467 6177 sugiura@jspan.kugi.kyoto-u.ac.jp

- SUHADOLC, Mr Peter** IAHPS
University of Trieste
VIA Dei Cardì 14, Opicina, Trieste,
I-34016, ITALY
+34 040 6762111
suhadolc@geosun0.univ.trieste.it
- SULEIMANI, Mrs Elena** IAPSO
University of Alaska
Geophysical Institute, 903 Koyukuk
Drive, P.O. Box 757320, Fairbanks, Alaska,
99775-7320, USA
001-907-474-7997
001-907-474-7290
elena@giseis.alaska.edu
- SULSTAROVA, Professor E** IASPEI
Institute of Seismology
Tirana, Albania
+355 42 47665
+335 42 28274
eduard@sizmo.tirana.al
- SUN, Dr Heping** IAG/IAGA
Chinese Academy of Sciences
Inst. of Geodesy & Geophysics,
54 Xu-Dong Road, Wuhan, 430077,
China
+86 27 86783841
+86 27 86783841
heping@asch.whigg.ac.cn
- SUN, Ms Ruomei** IASPEI
Science Academy of China
Institute of Geophysics, P.O. Box 9701,
Beijing, 100101, China
0086 10 64889017
0086 10 64871995
sunrm@sun.ihep.ac.cn
- SUNDARVEL, Mr S S** IAHS
Pondicherry University
School of Ecology, Pondicherry,
605 001, India
0091 413 655513
0091 413 655265/211
sunvel@yahoo.com
- SUNDERMANN, Professor J** IAPSO
University Hamburg
Institut Für Meereskunde,
Tropelwitzstrasse 7, Hamburg, 22529,
Germany
0049-40-41232606
0049-40-5605926
sundermann@ifm.uni-hamburg.de
- SUNKEL, Professor Hans**
Technical University
Math. Geodesy & Geoinformatics,
Steyregasse, Graz, 8010, Austria
+43 316 873 6345
+43 316 873 6845
suenkel@geomatics.tu-graz.ac.at
- SUNTHARALINGAM, Parvatha** IAPSO
Harvard University
Dept. Earth & Planetary Sci., Pierce
Hall, 29 Oxford Street, Cambridge, MA
02138, USA
+1 617 496 7446
pns@europa.harvard.edu
- Harvard University
Dept. Earth & Planetary Sci., Pierce
Hall, 29 Oxford Street, Cambridge, MA
02138, USA
+1 617 496 7446
pns@europa.harvard.edu
- SUTCLIFFE, Dr John Vernon** IAHS
Heath Barton, Manor Road, Goring on
Thames, Nr Reading, RG8 9EH, UK
01491 872268
- SUTCLIFFE, Dr Peter** IAGA
Hermanus Magnetic Observatory
P.O. Box 32, Hermanus, 7200,
South Africa
+27 283 21196
+27 283 22039
psutclif@csr.co.za
- SUTHERLAND, Professor B** IAMAS
University of Alberta
539 Central Academic Building, Dept.
of Mathematical Sciences, Edmonton,
AB, T6G 2G1, Canada
+1 780 492 0573
+1 780 492 6826
bruce.sutherland@ualberta.ca
- SUTISNA, Dr Sobar** IAG
Natil CAa fFor S & M
Bakosurtanal, JLI. Raya Bosor, Km.46,
P.O.Box 46/Cbi, Cibinong, 16911,
Indonesia
+62 21 875 4654
+62 21 875 2064
sobar@cbn.net.id
- SUTTON, Dr Rowan** IAMAS/IAPSO
University of Reading
Department of Meteorology, PO Box
243, Earley Gate, Reading, RG6 6BB,
UK
0118 875123 ext7842
0118 9318316
rowan@met.rdg.ac.uk
- SUZUKI, Dr Rikie** IAMAS
IGCR/FRSGC
C/O National Res. Inst. fFor, Earth
Science & Disaster, Tsukuba,
305 0006, Japan
81 298 52 1907
81 298 52 1899
suzuki@frontier.bosai.go.jp
- SUZUKI, Dr Toru** IASPEI
Marine Information Res. Center
Mishima Bldg. 5F, 7-15-4, Ginza, Chuo-
Ku, Tokyo, 104-0061, Japan
+81 3 3248 6668
+81 3 3248 6661
suzuki@mirc.jha.or.jp
- SUZUKI, Mr Akihiro** IASPEI
Yokohama City University
SETO 22-2 Kanazawa-Ku, Yokohama,
236-0027, Japan
045 787 2344
045 787 2344
akihiro@yokohama-cu.ac.jp
- SUZUKI, Mr Shin-Ichi** IAHS
Ocean Research Institute
University of Tokyo, 1-15-1 Minami-
Dai, Nakano-Ku, Tokyo, 164-8639,
Japan
+81 3 5351 6423
+81 3 3377 3395
suzuki@ori.u-tokyo.ac.jp
- SUZUKI, Professor Isao** IASPEI
Okayama University
Dept. Earth Science, Okayama,
700 8530, Japan
+81 86 251 7886
+81 86 251 7895
isuzuki@cc.okayama-u.ac.uk
- SVEHLA, Mr Drazen** IAG
University of Zagreb
Faculty of Geodesy, Inst. for Physical
Geodesy, Steyrergasse 30, Graz, 8010,
Croatia
0043 316 873 6355
svehla@phgg.tu-graz.ac.at
- SWATHI, Dr P S** IAPSO
C-MMACS Bangalore
India
- SWIFT, Professor Daniel** IAGA
University of Alaska
Geophysical Institute, Daniel W. Swift,
Fairbanks, AK, 99775-7320, USA
907 474 7507
907 474 7290
swift@gi.alaska.edu
- SWINBANK, Mr Richard** IAMAS
USRA
Code 910.3, DAO, NASA Goddard
Space Flt Centre, Greenbelt, Maryland,
20771, USA
301 614 6173
301 614 6297
swinbank@dao.gsfc.nasa.gov
- SYMONS, Dr David T A** IAGA
University of Windsor
Earth Sciences, Windsor, On, N9B 3P4,
Canada
519 253 3000 EXT 2493
519 973 7081
dsymons@uwindsor.ca
- SZANIAWSKI, Mr Rafal** IAGA
Institute of Geophysics
Polish Academy of Sciences, KS.
Janusza 64, Warszawa, 01-452, Poland
6915766
rafsz@igf.edu.pl
- SZARKA, Dr Laszlo** IAGA
GEO. & Geophysics Res.Inst.
POo Box 5, Sopron, H-9401, Hungary
- SZEGLIN, Dr Arthur**
Stony Brook University
222 Central Avenue, Farmingdale,
New York, 11735, USA
516 249 6440
516 249 6482
aszeglin@kinemotive.com
- SZOLGAY, Dr Jan** IAHS
Slovak Univ. of Technology
Dept. of Land & Water, Resources
Management, Radlinskeho 11,
Bratislava, 813 68, Slovak Republic
+4217 323575
+4217 323575
szolgay@cvt.stuba.sk
- SZOLLOSI-NAGY, Andras** IAHS
UNESCO
7 Place De Fonteny, Paris, 75007,
France
00331 45 68 40 01
00331 45 65 58 11
a.szollosi-nagy@unesco.org
- TACHIBANA, Dr Yoshihiro** IAMAS
JISAO/Univ. of Washington
Box 354235 4909, 25 Aave Ne, Seattle,
Washington, 98195 4235, USA
206 685 3757
206 685 3739
tachi@atmos.washington.edu
- TACHIHARA, Dr Hiroshi** IAGA
Kyushu University
Department of Earth and Planetary
Science, Hakozaki, Fukuoka, 812-
8581, Japan
81-92-642-2672
81-92-642-2685
tachi@geo.kyushu-u.ac.jp
- TACKLEY, Professor Paul** IASPEI
University of California
Ucla Dept. ESSss, 595 Charles Young
Drive, E, Los Angeles, California, 90095
1567, USA
(310) 206 9180
(301) 825 2779
ptackley@ucla.edu
- TADDEUCCI, Mr Jacopo** IAVCEI
Universita Di Roma
LA Sapienza, DIP. Scienze Terra/PLE
ALDO M5, Roma, 00185, Italy
39 06 30600545
39 06 4454729
jac.punny@iol.it
- TADOKORO, Mr Keiichi**
Kyoto University
RCEP, DPRI, Gokasho, Uji, Kyoto, 611-
0011, Japan
81 774 38 4206
81 774 38 4190
tad@rcep.dpri.kyoto-u.ac.jp
- TAGARE, Professor Suhas** IAGA
University of Hyderabad
Dept. of Mathematics & Stats.,
Hyderabad, 500 046, India
091 040 3010535
sgtism@uohyd.ernet.in
- TAGG, Mr Andy**
Thames Water
Blake House, Manor Farm Road,
Reading, RG2 DJN, UK
0118 959 3471
0118 959 3492
andrew.tagg@thameswater.co.uk
- TAHA, Mr Ghassan** IAMAS
Univ. of New South Wales
School of Physics, Unsw, Sydney,
NSW-2052, Australia
(61)(2)93854615
(61)(2)93856060
gm+@new.phys.unsw.sdn.aw
- TAIBI, Dr Habib** IAG
CNTS
Geidetic Laboratory BPp13, Arzew,
31200, Algeria
213 6 47 2580
213 6 47 3454
- TAIT, Dr Jennifer** IAGA
INST. F. Geophysik
Theresienst. 41, Ludwig-Max
Universitat, Munchen, 80333, Germany
+49 8923 3944 238
+49 8923 3944 205
- TAKAGI, Mr Masahiro** IAMAS
University of Tokyo
Dept. of Earth & Planetary Phy,
7-3-1 Hongo, Bunkyo-KUu, Tokyo,
113 0033, Japan
+81 3 5841 4298
+81 3 3818 3247
takagi@geoph.s.u-tokyo.ac.jp

TAKAHASHI, Dr Kazue IAGA The Johns Hopkins University Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, Maryland, 20723-6099, USA +1 240 228 5782 +1 240 228 6670 kazue.takahashi@jhuapl.edu	TAKEDA, Dr Masahiko IAGA Kyoto University D.A.C.G.S., Graduate School of Science, Kitasirakawa Oiwake-Cho, SAKYO-KU, Kyoto, 606-8502, Japan 81-75-753-3947 81-75-722-7884 takeda@kugi.kyoto-u.ac.jp	TAKIGAWA, Mr Masayuki IAMAS University of Tokyo Center for Climate System Res., 4-6-1 Komaba, Meguro-Ku, Tokyo, 153 8904, Japan 81 3 5453 3950 81 5453 3964 takigawa@ccsr.u-tokyo.ac.jp	TANAKA, Dr Yoshikazu IAVCEI Kyoto University ASO Volcanological Laboratory, CHOYO- SON, ASO, Kumamoto, 869-1404, Japan +81 9676 7 0022 +81 9676 7 2153 tanaka@aso.ugs.kyoto-u.ac.jp
TAKAHASHI, Dr Tomoyuki IASPEI Kyoto University Goasho, WJI, Kyoto, 611 0011, Japan +81 774 38 4294 +81 774 31 8294 tomo@drs.dpri.kyoto-u.ac.jp	TAKEDA, Mr Tetsuya IASPEI The University of Tokyo Earthquake Research Institute, 1-1-1 Yayoi, Bunkyo-Ku, 113-0032, Japan +81 3 5841 5731 +81 3 5689 7234 takeda@eri.u-tokyo.ac.jp	TALAYA, Professor Julia IAG Inst. Cartografic dDe Catalunya Cart De Montjuic S/N, Barcelona, 08038, Spain +34 93 425 29 00 +34 93 426 74 42	TANAKA, Katsunori FRSGC 1-2-1 Sibaura, Minato-Ku, Tokyo City, Tokyo, 105 6791, Japan +88 3 5675 7100 +88 3 5675 7103 k.tanaka@frontier.esto.or.jp
TAKAHASHI, Mr Futoshi IAGA Tokyo University of Technology 2-12-1 Ookayama, Meguro-Ku, Tokyo, 152-8551, Japan +81 3 5734 2728 +81 3 5734 3537 futoshi@geo.titech.ac.jp	TAKEHIRO, Dr Shin-Ichi UNION University of Cambridge Dept. App.Maths/Theoretical, Physics, Silver Street, Cambridge, CB3 9EW, UK 01223 337 030 01223 337 918 takehiro@geo.kyushu-u.ac.jp	TALIPOVA, Dr Tatiana IAPSO Institute of Applied Physics 46, Uljanov Str., Nizhny Novgorod, 603600, Russia 7 8312 384 339 tata@hydro.appl.sci-nnov.ru	TANAKA, Mr Yoshimasa IAGA Kyushu University Dep. of Earth & Planetary Sci., 6-10-1 Hakozaki, Higashi-Ku, Fukuoka, 812 8581, Japan +81 92 642 4340 +81 92 642 2685 tanaka@geo.kyushu-u.ac.jp
TAKAHASHI, Professor E. IAVCEI Tokyo Inst. of Technology Earth & Planetary Sciences, 2-12-1 Ookayama, Meguroku, Tokyo, 152 8551, Japan 81 3 5734 2338 81 3 5734 3538 otakahas@geo.titech.ac.jp	TAKEMI, Dr Tetsuya IAMAS Osaka University Dept Global Arch/Grad. School, of Engineering / 2-1 Yamadaoka, Suita, 565 0871, Japan +81 6 6879 7338 +81 6 6879 7338 takemi@ga.eng.osaka-u.ac.jp	TAMISIEA, Mr Mark IASPEI University of Colorado Department of Physics, CBB 390, Boulder, Colorado, 80309, USA +1 303 492 0463 +1 303 492 7935 tamisiea@colorado.edu	TANAKA, Professor Torao IAG Disaster Prevention Institute Kyoto University, 25-2 Mizukuchicho, Shimogamo,, Sakyo, Kyoto, 606-0843, Japan +81-75 791 1704 +81 75 791 1704 tora@rcep.dpri.kyoto-u.ac.jp
TAKAHASHI, Professor H. IAGA INPE Caixa Postal 515, SAO Jose Dos Campos, SP, 12201 970, Brazil +55 12 345 6958 +55 12 345 6952 hisao@laser.inpe.br	TAKEMOTO, Professor Shuzo IAG Graduate School of Science Department of Geophysics, Kitashirakawa-Oiwakecho, Sakyo-Ku, Kyoto, 606-8502, Japan +81 75 753 3911 +81 75 753 3917 takemoto@kugi.kyoto-u.ac.jp	TANADA, Dr Toshikazu IASPEI Hot Springs Research Institute Kanagawa Prefecture, Iriuda 586, Odawara, Kanagawa, 250-0031, Japan 0081-465 23 3588 0081-465 23 3589 kr4t-tn@asahi-net.or.jp	TANG, Dr Charles L IAPSO Bedford Inst. of Oceanography PO Box 1006, Dartmouth, B2Y 4A2, Canada 1-902-426-6927 TangC@mar.dfo-mpo.gc.ca
TAKAHASHI, Professor M IAMAS University of Tokyo Center for Climate System Res, Komaba 4-6-41, Meguro-Ku, Tokyo, 153-8904, Japan 81 5453 3960 81 5453 3964 masaaki@ccsr.u-tokyo.ac.jp	TAKENAKA, Dr Hiroshi IASPEI Kyushu University Dept. Earth & Planetary Sci., Grad. School of Sciences, Hakozaki 6-10-1, Fukuoka, 812 8581, Japan +81 92 642 2679 +81 92 642 2685 takenaka@geo.kyushu-u.ac.jp	TANAKA, DR Hidefumi IAGA Kochi University, Education Kochi, 780-8520, JAPAN ++81 888 44 8414 ++81 888 44 8414 hidefumi@cc.kochi-u.ac.jp	TANG, Dr Keyun IAGA Chinese Academy of Sciences Institute of Geophysics, PO Box 9701, Beijing, 100101, China 8610 6488 9031 8610 6487 1995 kytang@mail.c-geos.ac.cn
TAKAHASHI, Tetsuya IAPSO Kyoto University Graduate School of Agriculture, Kitashirakawa, Sakyo, Kyoto, 606- 8502, Japan +81-75-753-6216 +81-75-753-6468 tetsuya@kais.kyoto-u.ac.jp	TAKEO, Professor Minoru IASPEI University of Tokyo Earthquake Research Institute, 1-1-1, Yayoi, Bunkyo., Tokyo, 113-0032, JAPAN +81 3 3812 2111 EXT 5707 +81 3 5689 0479 takeo@eri.u-tokyo.ac.jp	TANAKA, Dr Satoru IASPEI Tohoku University Graduate School of Science, Aramaki- Aza-AOBA, AOBA-KU, Sendai, 980 8578, Japan +81 22 225 1950 +81 22 264 3292 tonaka@aob.geophys.tohoku.ac.jp	TANG, Dr Wenqing JET Propulsion Laboratory 4800 Oak Grove Drive, MS 300 323, Pasadena, California, 91109, USA 01 (818)393 6720 01 (818)393 6720 wqt@pacific.jpl.nasa.gov
TAKALO, Dr Jouni IAGA Department of Physics Makikaari 1, Halkosaari, Fin-60560, Finland +358 6 4177101 +301 286 1681 jouni.takalo@sjoki.uta.fi	TAKETOSHI, Mr Miyake IAGA Kyoto University Radio Atmospheric Sci. Center, Gokasho, Uji, 611 0011, Japan +81 774 38 3848 +81 774 31 8463 miyake@kurasc.kyoto-u.ac.jp	TANAKA, Dr Tadashi IAHS University of Tsukuba Institute of Geoscience, Ibayaki, 305-8571, Japan +81 298 53 4208 +81 298 51 9764 tadashi@atm.geo.tsukuba.ac.jp	TANG, Professor Changyuan IAHS Chiba University Grad. Sch. of Sci. & Tech., 1-33 Yayoi-Cho, Inage-Ku, Chiba, 263-8522, JAPAN +81 43 290 2843 +81 43 290 2859 cytang@earth.s.chiba-u.ac.jp
TAKANAMI, Dr Tetsuo IASPEI Hokkaido University Inst. of Seismology & Volcan., Graduate School of Science, N10, W8, KITA-KU, Sapporo, 060-0810, Japan +81 11 706 2642 +81 11 746 7404 ttaka@eos.hokudai.ac.jp	TAKEUCHI, Professor K IAHS Yamanashi University Dept. of Civil & Environmental, Engineering, Kofu, 400-8511, Japan +81 55 2208603 +81 55 2534915 takeuchi@mail.yamanashi.ac.jp	TANAKA, Dr Takashi IAGA Communications Research Lab. 4-2-1 Nukui-Kitamachi, Koganei-Shi, Tokyo, 184-8795, Japan 81 423 27 6114 81 423 27 6661 tanaka@crl.go.jp	TANIGUCHI, Dr Makoto IAHS* Nara University of Education Department of Earth Sciences, Takabatake, Nara, 630-8528, JAPAN +81 742 27 9202 +81 742 27 9291 makoto@nara-edu.ac.jp

TANIGUCHI, Mr Keisuke IASPEI Kyoto University of Education 1 Fukakusa- Fujinomori- Cho Fushimi-Ku, Kyoto, 3128522, Japan +81 75 644 8272 +81 75 645 1734 taniguti@kyokyo-u.ac.jp	TATUSKO, Ms Renee IAMAS NOAA/CMDL Climate Monit. & Diagnostics, 325 Broadway (R/E/CG1), Boulder, Colorado, 80303, USA 1 303 497 6686 1 303 497 6290 rtatusko@cmdl.noaa.gov	TAYLOR, Mrs Valerie University of Natal Sch. of Bioresources Eng & Env, Private BAG X01, Pietermaritzburg, 3209, SOUTH Africa +27 331 260 5490 +27 331 260 5818 taylorv@aquac.cwr.ac.za	TERRY, Mr Bruce IAMAS National Weather Service 5200 Auth Road, Camp Springs, Maryland, 20746, USA 301 763 8201
TANIMOTO, Professor Dr Y IAPSO Inst. for Global Change Res. Shibaura 1-2-1, Seavans, Minatoku, Tokyo, 105-6791, Japan +81 3 5765 7100 +81 5765 7103 tanimoto@frontier.esto.or.jp	TAUBER, Mr Sebastian The University of Edinburgh Dept. of Geology & Geophysics, Grant Institute, West Mains Road, Edinburgh, EH9 3JW, UK 0131 650 7339 0131 668 3184 zeb@glg.ed.ac.uk	TAYLOR, Professor Fred IAMAS Oxford University Clarendon Laboratory, Parks Road, Oxford, OX1 3PU, UK 01865-272903 01865-272924 f.taylor@physics.ox.ac.uk	TETT, Professor Paul IAPSO Napier University Dept. of Biological Sciences, 10 Colinton Road, Edinburgh, Scotland, EH10 5DT, UK 0131 455 2526 0131 455 2291 p.tett@napier.ac.uk
TAPLEY, Professor Byron IAG University of Texas Center for Space Research R100, Austin, TEXAS, 78712-1085, USA 512 471 5573 512 471 35701 tapley@csr.utexas.edu	TAVERNIER, Gilles IAG CNES DSO/ED/AL/MA BPI 2002, 18 Avenue Edouard Belin, Toulouse, 31401, France (33) 5 61 27 37 76 (33) 5 61 28 25 95 gilles.tavernier@cnes.fr	TAYMAZ, Dr Tuncay IASPEI GFZ Potsdam Telegrafenberg A6, E220 (PB 2.4), Postfach 60075, Potsdam, 14407, Germany +49 331 288 1261 +49 331 288 1277 taymaz@gfz-potsdam.de	TEUNISSEN, Professor P. IAGA/UNION Delft University of Technology Faculty Civil Engi. & GEOSC, D.M.G.P., Delft, 2629 JA, The Netherlands 31 15 2783546 31 15 2783711 pjt@geo.tudelft.nl
TAPPIN, Dave British Geological Sciences Kingsley Punham Centre, Keyworth, NG12 5GG, UK 0115 936 100 d.tappin@bgs.ac.uk	TAYLOR, Dr Jonathan IAMAS UK MET OFFICE Remote Sensing Branch, Y70 Bldg, Dera, Farnborough, Hants, GU14 0LX, UK 01252-395728 01252-370781 jptaylor@meteo.gov.uk	TCHEBOTAREVA, Dr Irina IASPEI Inst. Physics of The Earth Bgruzinskay, Moscow, 123810, Russia 095 254 9088 chari@synapse.ru	TEYSSÉDRE, Mr Hubert University of Cambridge 14 Union Road, Cambridge, CB2 1HE, UK
TARAN, Dr Yuri IAVCEI UNAM Institute of Geophysics, 04510, Mexico 525 622 4145 525 550 2486 taran@tonatiul.igcofcu.unam.mx	TAYLOR, Dr Karl IAMAS PCMDI/LLNL L-264, Lawrence Livermore NAT. LAB., PO BOX 808, Livermore, California, 94526, USA 925 423 3623 925 422 7675 taylor13@llnl.gov	TEALEB, Professor Ali IAG NRIAG Helusem, Cairo, Egypt +202 5549780	TEYSSONEYRE, Miss Valerie IASPEI CEA L.D.G.I DSO, BP 12, Bruyeres Le Chatel, 91680, France 331(01) 6926 7808 331(01) 6926 7000 teyssonne@ldg.bruyeres.cea.fr
TARASOV, Professor N IASPEI RAS 10 Bol'shaya Gruzinskay STR., Moscow, 123810, Russia +7 095 938 5286 +7 0959381928 geodep@ipsun.ras.ru	TAYLOR, Dr Mark IASPEI University of Cambridge Bullard Laboratories, Madingley Road, Cambridge, CB3 0EZ, UK 01223 337102 01223 360779 taylor@evc.cam.ac.uk	TEIXEIRA, Mr Miguel IAMAS University of Reading Department of Meteorology, Early Gate, PO Box 243, Reading, RG6 6BB, UK 0118-987-5123 ext 4280 0118-931-8905 miguel@met.reading.ac.uk	TEZKAN, Dr Bulent Universität Zu Köln Inst. Für Geophysik & Met., Albertus- Magnus-Platz, Köln, 50923, Germany 0049-221-470 2552 0049-221-470 5198 TEZKAN@GEO.UNI-KOELN.DE
TARITS, Professor Pascal IAGA UBO/IUEM Place Nicolas Copernic, Plouzane, F-29280, France +33 2 98 49 87 63 +33 2 98 49 87 60 tarits@univ-brest.fr	TAYLOR, Dr Michael IAGA Utah State University Space Dynamics Lab, 4145 Old Main Hill, Logan, Utah, 84322-4145, USA 1 435 797 3919 1 435 797 4044 mtaylor@cc.usu.edu	TEKER, Ahmet Ayhan IAHS State Hydraulic Works (DSI) Gen. Direct. State Hydr. Works, Devlet Su Isleri GENEL Mudur., Ankara, 06100, Turkey +90 312 4188650 +90 312 4171378 rasat@dsi.gov.tr	THAMBUMROONG, Thaweewat IAG/IAGA/IASPEI Royal Thai Survey Department Kalayanamaitoic Street, Phranakorn, Bangkok, 10200, Thailand 221 0892
TARRAGA, Miss Marta IAVCEI Dep. Volcanologia. Csic Museo Nacional Ciencias Natur., C/Jose Gutierrez Abascal No2, Madrid, 28006, Spain 34 91 411 13 28 EXT 1163 34 91 564 47 40 mcnt184@mncn.csic.es	TAYLOR, Dr Patrick IAGA NASA/GSFC Code 921.0, Greenbelt Road, Greenbelt, Maryland, 20771, USA 301 286 5412 301 286 1616 ptaylor@gsfc.nasa.gov	TELLAM, Dr John H. IAHS Birmingham University Earth Sciences, Birmingham, B15 2TT, UK 414 61 38 414 49 12 j.h.tellam@bham.ac.uk	THANGARAJAN, DR M IAHS NGRI c/o Prof. Rae Mackay, School of Earth Sciences, Birmingham, UK, B15 2TT, India
TARTAGLIONE, Nazario ENEA VIA Anguillarese 301-58.110, Roma, 00060, Italy +39 06 304 83570 +39 06 304 83591 nazario@mantegna.easaeia.enea.it	TAYLOR, Dr Peter A. IAMAS York University Earth & Atmospheric Science, 4700 Keele St., Toronto, Ontario, M3J 1P3, Canada 1 416 736 2100 X77707 1 416 736 5817 pat@yorku.ca	TERASAKI, Hidenori IASPEI University of Tsukuba Tennoudai 1-1-1, Tsukuba, Ibaraki, 305, Japan +81 298 53 7352 +81 298 53 7352 terasaki@arsia.geo.tsukuba.ac.jp	THATCHER, Dr Wayne IASPEI U.S. Geological Survey MS/977, 345 Middlefield Road, Menlo Park, CA, CA 94025, USA 650 329 4810 650 329 5163 thatcher@usgs.gov
TARZADIN, Dr Ulaanbaatar IAMAS National Univ. of Mongolia Dept. of Earth Sciences, Central Post Office, Pob 441, Ulaanbaatar, 240210, Mongolia 976 1 320159 976 1 320159 numelect@magicnet.mn	TEREMENS, Ms Assumpcio IAG Inst. Cartografic De Catalunya Parc De Montjuic, Barcelona, 080034, Spain 34 93 425 2900 34 93 426 7442 asun@icc.es	THAYER, Dr Jeffrey IAGA SRI International 333 Ravenswood Ave. G-275, Menlo Park, California, 94025, USA 650 859 3557 650 322 2318 thayer@sri.com	THIDE, Dr Bo IAGA Swedish Inst. of Space Physics Uppsala Division, Uppsala, 755 91, Sweden +44 18 30 36 71 +44 18 40 31 00 bt@irfu.se

THOA, Professor N T K IAGA Institute of Geophysics Box 411, Buudien Boho, HANOI, Vietnam 84 48 352380 84 48 364696 thoa@igp.ncst.ac.vn	THORNE, Mr Peter IAMAS University of East Anglia Climatic Research Unit, Norwich, NR4 7TJ, UK 01603 593161 01603 507784 peter.thorne@uea.ac.uk	TIKHONOVA, Mrs Olga IAPSO Hydro Meteorocentre RF B. Predicrensiy Per 9-13, Moscow, 123242, Russia 7 095 255 22 96 infomar@orc.ru	TOBA, Professor Yoshiaki IAPSO EORC, NASDA 1-9-9 Roppongi., Minato-Ku., Tokyo, 106-0032, Japan +81 3 3224 7050 +81 3 3224 7052 toba@eorc.nasda.go.jp
THOMAS, Dr Christine IASPEI University of Leeds Dept. of Earth Science, Leeds, 652 935, UK 0113 233 52 18 0113 233 5259 tine@earth.leeds.ac.uk	THORNTON, Dr Peter IAMAS University of Montana NTSG., School of Forestry, Missoula, MT 59812, USA 406 243 4326 406 243 4510 peter@ntsg.umt.edu	TIMMERMANN, Mr Ralph IAPSO Alfred Wegener Institut For Ploar & Marine Research, Bremerhaven, 27515, Germany 0049-471-4831-785 0049-471-4831-797 rtimmermann@awi-bremerhaven.de	TOBIN, Dr David IAMAS University of Wisconsin 1225 West Dayton Street, Madison, Wisconsin, 53706, USA 608 265 6281 608 265 5974 dave.tobin@ssec.wisc.edu
THOMAS, Dr Michael D. Geological Survey of Canada 615 Booth Street, Ottawa, K1A 0E9, Canada 613 995 5582 613 952 8987 mthomas@gsc.nrcan.gc.ca	THORPE, Professor Alan IAMAS University of Reading Department of Meteorology, PO Box 243, Reading, RG6 6BB, UK 0118 931 8905 0118 931 8905 a.j.thorpe@reading.ac.uk	TIMMRECK, Dr Claudia IAMAS MPI of Meteorology Bundesstr. 55, Hamburg, 20146, Germany +49 40 471 73 384 +49 40 44 17 87 timmreck@dkrz.de	TOCHO, Mrs Claudia Noemi IAG F.C.A.G. Paseo Del Bosque S/N, 900, La Plata, 1900, Argentina 54 221 483 8810 54 221 421 1761 ctocho@fcaglp.wnlp.edu.ar
THOMAS, Dr Neil IAGA Kingston University School of Geological Sciences, Penrhyn Road, Kingston-Upon-Thames, Surrey, KT1 2EE, UK 0181 547 7526 0181 547 7497 n.thomas@kingston.ac.uk	THORPE, Professor Steve IAPSO Southampton Oceanography Cen. Bodfryn, Glanrafon, Anglessey, Llangoed, LL58 8PH, UK 01248 490 210 sxt@soc.soton.ac.uk	TIMOFEYEV, Professor Y. IAMAS St Petersburg State University Research Inst. of Physics, Ulyanovskaya 1, St Petersburg, 198904, Russia +7 (812) 428 44 86 +7 (812) 428 72 40 tim@troll.phys.spbu.ru	TODD, Dr James IAPSO N.O.A.A. 1100 Wayne Avenue, Silver Spring, Maryland, 20910-5603, USA 301-427-2089 ext. 139 301-427-2073 todd@ogp.noaa.gov
THOMAS, Professor Gary IAMAS University of Colorado CB 392, Boulder, Colorado, 80309, USA 303 492 7022 thomas@alcor.colorado.edu	THUBURN, Dr John IAMAS University of Reading Department of Meteorology, PO Box, Earley Gate, Reading, RG6 6BB, UK +44 118 9318328 +44 118 931 8905 swsthubn@met.rdg.ac.uk	TINSLEY, Professor Brian IAGA University of Texas at Dallas FO22, Box 830668, Richardson, Texas, 75083-0688, USA 972 833 2838 972 833 2761 tinsley@utdallas.edu	TODD, Martin C. University of Oxford School of Geography, Mansfield Road, Oxford, OX1 3TB, UK 01865 271915 01865 271929 martin.todd@geos.ox.ac.uk
THOMPSON, Barbara NASA-Goddard Code 682, Greenbelt Road, Greenbelt, Maryland, 20771, USA 301 286 3405	THURNHERR, Mr Andreas M Southampton Oceanography Cen. Dept of Oceanography, Empress Dock, Southampton, SO14 3ZH, UK 01703 593038 01703 593059 a.m.thurnherr@soc.soton.ac.uk	TINTI, Professor Stefano IASPEI Universita Di Bologna Dipartimento Di Fisica, Settore Di Geofisica, Viale Berti Pichat 8, Bologna, 40127, Italy 39 051 2095025 39 051 2095068 steve@ibogfs.ibogfs.df.unibo.it	TOIVANEN, Dr Petri IAGA University of Colorado/Lasp 1234 Innovation Drive, Boulder, Colorado, 80303, USA +1 303 492 4831 +1 303 492 6444 petri.toivaen@lasp.colorado.edu
THOMPSON, Dr Alan IAGA British Geological Survey Murchison House, West Mains Road, Edinburgh, E49 3LA, UK 0131 6500257 0131 6684368 a.thomson@bgs.ac.uk	TIAMPO, MS KRISTY F IASPEI University of Colorado Cires, Campus Box 216, Boulder, Co, 80309-0216, USA 303 492-4779 9303 492-5070 kristy@fractal.colorado.edu	TITOV, Dr Oleg IAG St. Petersburg University Astronomical Institute, Bibliotchnaya, SQ 2, St. Petersburg, 198904, Russia 812 159 81 25 812 428 71 29	TOKARCZYK, Dr Ryszard IAMAS Rsmas, University of Miami Dept. of Oceanography, Dalhousie University, Halifax, NS, USA rtokarczyk@rsmas.miami.edu
THOMPSON, Dr Richard IPS Radio and Space Services PO BOX 1386, Haymarket NSW, 1240, Australia +61 2 92138033 +61 2 92138061 richard@ips.gov.au	TIAN, Dr Liu IASPEI China Seismological Bureau Dept Personnel & Education, 63 Fuxing Avenue, Haidian Dis, Beijing, 100036, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	TITOV, Dr Vasily IASPEI NOAA/ Pacific Marine Env. Lab. 7600 Sandpoint Way NE, Bldg 3, Seattle, Washington, 98115, USA 206 526 45 36 206 526 60545 titov@pml.noaa.gov	TOMASI, Dr Paolo IAG CNR IST. Di Radioastronomia Cnr, Area Della Ricerca CNR, Via Gobetti 101, Bologna, 40129, Italy +39 0516399388 +39 0516399431 tomasi@itis.mt.cnr.it
THOMSON, Dr Colin J IASPEI Queen's University Department of Geological, Sciences, Kingston, Ontario, K7L 3N6, Canada 1 613 533 6178 1 613 533 6592 thomson@geol.queensu.ca	TIAN, Dr Shao-Fen Frontier Research System C/O National Inst. for Earth, 3-1 Tenoudai, Tsukuba, Ibaraki, 305 0006, Japan 81 298 52 1907 81 298 52 1899 tian@frontier.bosai.go.jp	TITOV, Dr Viatcheslav IAGA Ruhr-Universitaet Bochum Fakultaet Fuer Phys. & Astro., Bochum, 44780, Germany 49 234 7003458 49 234 7094177 st@tp4.ruhr-uni-bochum.de	TOMCZAK, Professor M. IAPSO Flinders University School of Earth Sciences, GPO Box 2100, Adelaide, South Australia, 5001, Australia +61-8-8201 2298 +61-8-8201 2676 matthias.tomczak@flinders.edu.au
THOMSON, Dr. Richard IAPSO Institute of Ocean Sciences 9860 West Saanich Road, Sidney, V8L 4B2, Canada +1 250 363 6555 +1 250 363 6746 ThomsonR@dfo-mpo.gc.ca	TIAN, Professor Jianhua Academia Sinica Center for Space Sci & Ap. Res, PO Box 8701, Beijing, 100080, China +86 010 625 82854 +86 010 62576921 jhtian@earth.sepc.ac.cn	TITZ, Mr Helmut University of Technology Gusshausstrasse 27-29/E128, A-1040, Vienna, A-1040, Austria +43 1 58801 12866 +43 1 58801 12896 htitz@lun@tuwien.ac.at	TOMEZZOLI, Dr Renata IAGA State University of New York Binghamton University, Dept. of Geological Sciences, Binghamton.N.Y., 13902-6000, USA 607-777-2863 607-777-2288 rtomezz@binghamton.edu

TOMPKINS, Dr Adrian IAMAS Max Planck Inst. for Met. Bundesstrasse 55, Hamburg, 20146, Germany (49+)40 41173 113 (49+)40 41173366 tompkins@dkrz.de	TRATTNER, Dr Karlheinz IAGA Lockheed Martin ATC 3251 Hanover Str, B2251 H1-11, Palo Alto, CA, B255 H1-1, USA 650 424 2445 650 424 3333 trattner@mojave.spasci.com	TRUJILLO, Mr Ancor IAVCEI ITRE Poligono Industrial De Granad., San Isidro, 38611, Spain +34 922 390000 +34 922 390001 downes@cip.es	TSOU, Dr J J IAMAS GATS INC. 11864 Canon Blvd., Suite 101, Newport News, Virginia, 23606, USA 757 873 5920 757 873 5924 j.j.tsou@larc.nasa.gov
TORAMARU, Dr Atsushi IAVCEI Kanazawa University Dept. of Earth Science, Kakuma, Kanazawa, 920 1192, Japan +81 76 264 5730 +81 76 264 5746 toratora@kenroku.kanazaw-u.ac.uk	TREES, Mr Charles UNION CHORS San Diego State University, 6505 Alvarado Rd. Suite 206, San Diego, CA, 92120, USA (619) 594 2241 ctrees@chors.sdsu.edu	TRULSEN, Dr Jan IAGA University of Oslo Box 1029, Blindern, Oslo, 0315, Norway 47856505 jan.trulsen@astro.uid.no	TSUBOI, Dr Seiji IASPEI National Defense Academy 1-10-20 Hashirimizu, Yokosuka, 239-8686, JAPAN +81 468 41 3811 +81 468 44 5902 tsuboi@cc.nda.ac.jp
TORGE, Professor Wolfgang IAG University of Hannover Institut Fur Erdmessung, Schneiderberg 50, Hannover, D-30167, Germany ++49 511-762 2794 ++49 511-762 4006 torge@geoid.ife.uni-hannover.	TREMBLAY, Dr Bruno IAMAS Iamont Doherty Earth Observ. RT 9W, Palisades, New York, 10964 8000, USA (914)365 8767 (914)365 8736 tremblay@ideo.columbia.edu	TRUSENKOVA, Dr Olga IAPSO Pacific Oceanological Inst. 24b. Kosinskaya Str., Apt. 72, Moscow, 111621, Russia 7(095) 700 05 78 archer@mail.ru	TSUDA, Professor T IAMAS Kyoto University Radio Atmos. Science Center, Gokanoshō, Uji, Kyoto, 611-0011, Japan +81 774 38 3804 +81 774 31 8463 tsuda@kuras.kyoto-u.ac.jp
TORII, Professor Masayuki IAGA Okayama University of Science Faculty of Informatics, Ridai-Cho 1-1, Okayama, 700-0005, Japan +81 86 256 9601 +81 86 256 9601 torii@big.ous.ac.jp	TRIER, Dr Stanley IAGU Nat. Cent. for Atmospheric Res PO Box 3000, Boulder Colorado, 80307-3000, USA 1 303 497 8912 1 303 497 8181 trier@ucar.edu	TSAGOURI, Mrs Ioanna IAGA University of Athens Physics Department/N&PP, Panepistimioupolis, Ilissia, Athens, 157 71, Greece 30 1 7274943 30 1 7235089 itsag@atlas.uoa.gr	TSUEI, Professor G-C IAHS National I-Lan Inst. of Tech. Dept. of Civil Engineering, 1 Shen Lung Road, I-Lan, 260, Taiwan +886 3 935 7400 EXT 732 +886 3 9360125 getsuei@mail.ilantech.edu.tw
TORNATORE, Dr Vincenza IAG Politecnico Di Milano Diar-Sezione Rilevamento, Piazza Leonardo Da Vinci 32, Milano, 20133, Italy +39 02 23996502 +39 02 23996530 vin@ipmtf4.topo.polimi.it	TRIFU, Dr Cezar-Ioan IASPEI ESG 1 Hyperion Court, Kingston, Ontario, K7L 4M7, Canada (613) 548 8287 EXT.24 (613) 548 8917 trifu@esg.ca	 TSAI, Professor Yi-Ben IASPEI National Central University Institute of Geophysics, Chung-Li, Roc 320-54, Taiwan 886 3 4227151 EXT 5645 886 3 4222044 ybitsai@geps.gep.ncu.edu.tw	TSUJIMURA, Dr Maki IAHS Aichi Univ. of Education Dept. of Eviron. Earth Science, Karlya, Aichi, 448-8542, Japan 81 566 26 2655 81 566 26 2310 mkttsuji@aeuacc.aichi-edu.ac.jp
TORRES, Mr Joao IAG Inst. Portugues/Carto. & Cada. R. Artilharia Um, 107, Lisboa, 1700, Portugal +351 1 381 9688 +351 1 381 9699 jatorres@ipcc.pt	TRISHCHENKO, Dr A P IAMAS CCRS 558 Booth Str., Ottawa, Ont, K1A 0Y7, Canada 1 613 995 57 87 1 613 947 14 06 trichtch@ccrs.emr.ca	TSAKIRI, Dr Maria IAG Curtin Univ. of Technology Spatial Sciences, GPO Box U1987, Perth, WA 6845, Australia +8 92667604 +8 92662703 tsakiri@vesta.curtin.edu.au	TSUNAKAWA, Professor H IAGA Tokyo Institute of Technology Dept. of Earth & Planetary Sci, Ookayama, Meguro, Tokyo, 152-8551, Japan +81 3 5734 2459 +81 3 5734 3537 htsuna@geo.titech.ac.jp
TORRES, Mr Ricardo IAHS University of Wales Menai Bridge, Anglesey, U59 5EF, UK 01248 88 28 74	TRISKA, Dr Pavel IAGA Inst. of Atmospheric Physics Bocni li, Prague 4, 141 31, Czech Republic 420 2 72762548 420 2 72762528 ptr@ufa.cas.cz	TSALAS, Mr Maximos IAGU University of Warwick Dept. of Physics, Coventry, CV4 7AL, UK +01203 524917 maximost@astro.warwick.ac.uk	TSUNOMURA, Dr Satoru IAGA Kakioka Magnetic Observatory Kakioka 595, Yasato, Niihari, Ibaraki, 315 0116, Japan 81 499 43 6909 81 299 44 0173 tnmr@kakioka-jma.go.jp
TORTA, Dr J Miquel IAGA Observatori De L'ebre Roquetes (Tarragona), 43520, Spain 0034-977 500511 0034-977 504660 ebre.jmtorta@readysoft.es	TRISKOVA, Dr Ludmila IAGA Inst. of Atmospheric Physics Bocni li, Prague 4, 14131, Czech Republic 420 2 72762548 420 2 72762528 itr@ufa.cas.cz	TSCHERNING, Professor C C IAGU University of Copenhagen Department of Geophysics, Jukiane Maries VEJ 30, Copenhagen OE, 2100, Denmark 0045 35320582 0045 35365357 cct@gfyy.ku.dk	TSURUDA, Dr Koichiro IAGA ISAS 3-1-1, Yoshinodai, Sagami-hara, Kanagawa, 229-8510, Japan +81 427 59 8185 +81 427 59 8456 tsuruda@stp.isas.ac.jp
TOSHIHARU, Professor K. IAHS Kyoto University Water Resources Research, Centre, Gokasho, Uji, 611-0011, JAPAN +81-774 38 4269 +81 774 32 3093 tkojiri@wrncz.dpri.kyoto-u.ac.jp	TROCCOLI, Alberto IAPSO The University of Edinburgh Via Maghera, 32, Padova, 35123, UK 0039 049 687554 0039 049 8295649 alberto@met.ed.ac.uk	TSELILOUDIS, Dr George IAMAS NASA/GISS Columbia University, 2880 Broadway, New York, 10027, USA +1 212 678 5578 +1 212 678 5552 gtselioudis@giss.nasa.gov	TSURUTANI, Dr B.T. IAGA Jet Propulsion Laboratory 4800 Oak Grove Drive, Pasadena, California, 91109, USA +1 818 354 7559 +1 818 354 8895 btsuratani@jplsp.jpl.nasa.gov
TRAN, Phuong Dong IAPSO Marine Hydrometeorological Cen Lang Trung, Dong Da, Hanoi, Vietnam (84-4) 7730728 (84-4) 8343794 ptran@netnam.org.vn	TROSHICHEV, Professor O IAGA Arctic & Antarctic Res. Inst. 38 Bering Str., St. Petersburg, 199397, Russia 7 812 352 1149 7 812 352 2688 olegtr@aari.nw.ru	TSIDULKO, Marina IAMAS TEL AVIV University Dept. Physics & Planetary Sci., Tel Aviv, Israel +972 3 640 9120 +972 3 640 9282 marino@cyclone.tau.ac.il	TSYBIN, Professor N. IAHS IIEPT & MG, RAS Warshavskoe Shosse, 79-2, Moscow, 113556, Russia 70951107795 70953107032 shebalin@mitp.ru

TSYRO, Mrs Svetlana IAMAS Norwegian Meteorological Inst. Research & Development Div., PO Box 43 Blindern, Oslo, N-0313, Norway 47 22 96 33 01 47 22 69 63 55 svetlana.tsyro@dnmi.no	TYSON, Professor Peter IAMAS University of Witwatersrand Urmiatology Research Group, PO Wib, 2050, South Africa +27-11-716-3161 pdt@cyg.bpb.wits.ac.za	UENO, Dr Naoko IAGA Toyo University 2-11-10 OKA, ASAKA-SHI, Saitama, 351-8510, Japan +81-48468-6631 +81-48468-6790 ueno@hakusrv.toyo.ac.jp	URAN, Mr Bojan IASPEI Geophysical Survey of Slovenia Kersnikova 3, Ljubljana, SL 1000, SLOVENIA +386 61 186 31 40 +386 61 140 5370 bojan.uran@gov.si
TUCK, Dr Adrian IAMAS NOAA Aeronomy Laboratory U.S. Dept of Commerce, 325 Broadway, R/E/AL6, Boulder, CO, 80303, USA 303-497-5485 303-497-5373 smilano@al.noaa.gov	TYUPKIN, Professor Yuri IASPEI Geophysical Center Molodezhnaya, 3, Moscow, 117296, Russia +7 095 9305629 +7 095 9305509 tyupkin@edcb.rssi.ru	UETAKE, Mr Teppei IAMAS Ibaraki University Dept of Environmental Sciences, Bunkyo 2-1-1, Mito City, Ibaraki, 310-8512, Japan 81 29 228 8400 81 29 228 8405 uetake@env.sci.ibaraki.ac.jp	URBAN, Mr Timothy IAG Center for Space Research 3925 W. Braker Lane, Suite 200, Austin, Texas, 78759, USA 1 512 471 5506 1 512 471 3570 urban@csr.utexas.edu
TURNER, Dr Jeffrey IAHS CSIRO Land and Water Private Bag, PO Wembley, WA 6014, Australia +61 8 9333 6314 +61 8 9387 8211 jeff@per.clw.csiro.au	TZANIS, Professor Andreas IASPEI University of Athens Department of Geophysics, Zografou, 15784, Greece +30 1 724 74 45 +30 1 724 32 17 atzanis@cc.uoa.gr	UHLENBROOK, Mr Stefan IAHS University of Freiburg Institute of Hydrology, Fahnenbergplatz, Freiburg, 79098, Germany +49 761 2033546 +49 761 2033594 uhlenbro@uni-freiburg.de	URBANCIC, Dr Ted IASPEI Engineering Seismology Group 1 Hyperion Court, Kingston, Ontario, K7K 7G3, Canada 613 548 8287 X25 613 548 8917 urbancic@esg.ca
TURNER, Mr Jim IAG Aston University Space Geodesy, Civil Engin., Sumpner Bldg., Aston Triangle, Birmingham, B4 7ET, UK 0121 359 3611 EXT 4552 turnejf1@aston.ac.uk	TZIAVOS, Ilias IAG Aristotle Univ. Thessaloniki Dept of Geodesy and Surveying, Univ Box 440, Thessaloniki, 54006, Greece ++3031996125 ++3031996408 tziaivos@eng.auth.gr	UI, Professor Tadahide IAVCEI Hokkaido University Dept. of Earth Planet Sciences, N10 W8, Kita-Ku, Sapporo, 060-0810, Japan +81 11 706 2723 +81 11 736 2073 ui@cosmos.sci.hokudai.ac.jp	USMANOV, Dr Arcadi IAGA University of St. Petersburg Institute of Physics, St Petersburg, 198904, Russia +7(812)428 4633 +7(812)428 7240 usmanov@snoopy.phys.spbu.ru
TURNER, Mr John IAMAS British Antarctic Survey High Cross, Madingley Road, Cambridge, Cambridgeshire, CB3 0ET, UK 01223 221485 01223 362616 j.turner2bas.ac.uk	UBANGO, Richard IAGA IRGM Ekona, B.P. 370, Buea, , Cameroon	ULTRE-GUERARD, Dr Pascale IAGA IPGP 4 Place Jussieu, Tour 24-25, 2 Eme Etage, Paris Cedex 05, 75252, France 33 1 44 27 24 08 33 1 44 27 33 73 ultra@ipgp.jussieu.fr	UTADA, Dr Hisashi IAGA University of Tokyo Earthquake Research Institute, Yayoi 1-1-1, Bunkyo-Ku, Tokyo, 113-0032, Japan 0081-3-3818 5096 0081-3-3812 9417 utada@utada-sun.eri.u-tokyo.ac.jp
TURNER, Ms Niescja IAGA University of Colorado CB 590, LASP, Boulder, Colorado, 80303, USA +1 303 492 4831 +1 303 492 6444 turner@darin.colorado.edu	UBERTINI, PROFESSOR DR L IAHS* CNR-IRPI Via Madonna Alta, 126, Perugia, 06128, Italy 39 075 505 49 43-4 39 075 505 13 25 segreteria-irpi@irpi.pg.cnr.it	UMATANI, Dr Shin-Ichiro IAPSO Kyushu University R.I.A.M., 6-1 Kasuga-Koen, Kasuga, 816 8580, Japan +81 (92)583 7738 +81 (92)584 2570 umatani@riam.kyushu-u.ac.jp	UTSUGI, Dr Mitsuru IASPEI Hokkaido University Kita-Ku Kita 29 NISHI 8 2-2, Hokkaido Sapporo, 001-0029, Japan UTSUGI@ARES.SCI.HOKUDAI.AC.JP
TURUNEN, Dr E. IAGA Sodankyla Geophysical OBS. Tahtelantie 112, Sodankyla, Fin-99600, Finland +35 816 619837 +35 816 619875 esa@sgo.fi	UDIAS, Professor Agustin IASPEI Universidad Complutense Dpto De Geofisica, FAC. C. Fisicas, Madrid, 28040, Spain 34 91 3944390 34 91 3944398 figeo12@sis.vcm.es	UMEDA, Professor Yasuhiro IASPEI D.P.R.I. Kyoto University Gokasho, Uji, Kyoto, 611-0011, Japan 0081 774 38 4226 0081 774 38 4226 umeda@rcep.dpri.kyoto-u.ac.jp	UTTAL, Ms Taneil IAMAS Environmental Technology Lab. R/E/ET6, 325 Broadway, Boulder, Colorado, 80303, USA 303 497 6409 303 497 6181 uttal@etl.noaa.gov
TVEITO, Mr Ole Einar IAGA Norwegian Meteorological Inst. Climatology Division, PO Box 43, Blindern, Oslo, N-0313, Norway +47 22 96 30 00 +47 22 96 30 50 o.e.tveito@dnmi.no	UEDA, Mr Hideki IASPEI Tohoku University Graduate School of Science, Aoba-Ku, Sendai, 980-8578, Japan +81 22 217 6522 +81 22 217 6783 ueda@zisin.geophys.tohoku.ac.uk	UNO, Dr Koji IAGA Kobe University Division Global Dev. Science, Kobe, 657 0067, Japan +81 78 803 5758 +81 78 803 5757 unokoji@kobe-u.ac.jp	UYEDA, Professor Seiya IASPEI/UNION Tokai University Riken Inst. of Phys. & Ch. Res, C/O Earthquake Pred.Res.Cen., Shimizu, 424-8610, Japan +81-543-35-2862 +81-543-36-0920 suyada@st.rim.or.jp
TVERSKAYA, Dr Lyudmila IAGA Moscow State University Institute of Nuclear Physics, Vorobyovy Gory, Moscow, 119899, 119899, Russia +7-(095)-939-5066 +7-(095)-939-5066 tverskaya@tasped.npi.msu.su	UEHARA, Dr Katsuto IAPSO Riam, Kyushu University 6-1 Kasuga Koen, Kasuga, Fukuoka, 816-8580, Japan +81 92 583 7728 +81 92 573 1996 uehara@riam.kyushu-u.ac.jp	URAKAWA, Dr Satoru IASPEI University College London Department Geological Science, Gower Street, London, WC1 6BT, UK 0171 504 2398 0171 388 7616	UYESHIMA, Dr Makoto IAGA University of Tokyo Earthquake Research Institute, 1-1-1, Yayoi, Bunkyo, Tokyo, 113-0032, Japan +813 3816 3795 +813 5689 7234 uyeshima@utada-sun.eri.u-tokyo.ac.jp
	UEKI, Dr Sadato IAVCEI Tohoku University Graduate School of Sciences, Res. Cent. Earth/Volcanic, Sendai, 980-8578, Japan 0081-22-225-1950 0081-22-264-3292 ueki@aob.geophys.tohoku.ac.jp		VACAFLO, Professor Jose IAG Universidad Nacional Tucuman Estados Unidos 25, San Miguel De Tucuman, 4000, Argentina 0054 3814 223215 0054 381 4223215 vacaflo@arnet.com.ar

VACARESSE, Miss Angelique IAGA Onera/Centre De Toulouse/Desp 2 Avenue Edouard Belin, PO Box 4025, Toulouse, 31055, France ++33 562252756 ++33 562252569 Angelique.Vacaresse@onecert.fr	VAN DEN AKKER, Professor IAHS Delft University of Technology Dept. Civil Engineering & GEO., PO Box 5048, Delft, 2600 GA, The Netherlands +31 15 278 1377 +31 15 278 5915 m.evertman@ct.tudelft.nl	VAN HOOLST, Dr Tim IAG Royal Observatory of Belgium Ringlaan 3, Brussels, B-1180, Belgium 02 3730668 02 3749822 timvh@oma.be	VASILKOV, Dr Alexander IAPSO Raytheon ITSS 4400 Forbes BLVD., Lanham, Maryland, 20706, USA 301 794 5125 301 794 5247 avasilko@stx.com
VALDES, Dr Paul IAMAS Reading University Department of Meteorology, Earley Gate, Po Box 243, Reading, RG6 6BB, UK 0118 9316517 0118 9318905 p.j.valdes@reading.ac.uk	VAN DEN IJSSEL, Ms Jose TU DELFT/DEOS Faculty of Civil Engin. & Geos, Thijssseweg 11, JA Delft, 2629, The Netherlands (31)152783711 (31)152783711 m.vangeldereren@geo.tudelft.nl	VAN LOON, Mr Harry Nat. Center Atmospheric Res. PO Box 3000, Boulder, Colorado, 80307-3000, USA 1 303 497 1304 1 303 497 1333 vanloon@ncar.ucar.edu	VASYLIUNAS, Professor V M IAGA MAX-Planck Institut MAX-Planck-STR.2, D-37191, Katlenburg-Lindau, D-37191, Germany 49-5556-979435 49-5556-979169 vasyliunas@linmpi.mpg.de
VALDIVIA, Dr Juan IAGA NASA/NRC Code 692, Greenbelt, Maryland, 20771, USA 301 286 3545 301 286 1681 alejo@roselott.gsfc.nasa.gov	VAN DER AVOIRD, Mr Ernst IAMAS IMAU Princetonplein 5, Utrecht, 3584 CC, The Netherlands 31 30 2532909 31 30 2543163 avoid@phys.uu.nl	VAN VUGT, Ms Nicole IAGA Paleomag. Lab'fort Hofddij Budapestlaan 17, Utrecht, 3584 CD, The Netherlands +31 30 2535246 +31 30 2531677 vanvugt@geo.uu.nl	VATRT, Viliam IAG Military Iopographical Inst. Vtopu, Dobruska, 518 16, Czech Republic ++420 443 673 802 ++420 443 21532 vatrt@vtopu.army.cz
Valente, Miss Maria A. IAMAS University of Reading Department of Meteorology, Earley Gate, PO Box 243, Reading, RG6 6BB, UK +44 118 9875123 EXT 7618 +44 118 9318905 antonia@met.reading.ac.uk	VAN DER MARCEL, Dr Hans IAG Delft University of Technology Faculty of Civil Engi. & Geosc, D.M.G.P, Delft, 2629JA, The Netherlands 31 15 2783546 31 15 2783711 mgs@geo.tudelft.nl	VANDEMBERG, Dr Nancy IAG NVI INC. GSFC, Code 920.1, Greenbelt, Maryland, 20771, USA +1 301 614 5939 +1 301 614 5970 nrv@gemini.gsfc.nasa.gov	VAUGHAN, Dr Geraint IAMAS University of Wales Physics Department, Aberystwyth, Wales, SY23 3BZ, UK 01970 622 816 01970 622 816 gxv@aber.ac.uk
VALERO, Francisco P.J. IAGA/IAMAS SCRIPPS/UCSD 9500 Gilmandr 0242, La Jolla, California, 92093-0242, USA 619 534 2701 619 822 0517 fvalero@ucsd.edu	VAN DER VOO, Professor R IAGA University of Michigan Dept. Geological Sciences, Ann Arbor, 48109-1063, USA +1 734 764 8322 +1 734 763 4690 voo@umich.edu	VANICEK, Dr Michal IAPSO Woods Hole Oceanographic Inst. Woods Hole, Massachusetts, 02543, USA +1 508 289 3389 muannicek@whoi.edu	VAZQUEZ-SUNE, Enric IAHS Technical Univ. of Catalonia Gran Capitan S/U, Barcelona, 08034, SPAIN +93 401 1820 +93 401 7254
VALES, DINA UNION Instituto Meteorologia University of Lisbon , Ugul, Rua Da Escola Politecnica 58, Lisboa, 1269-102, Portugal 351 1 848 39 61 dina-vales@meteo.pt	VAN DRIEL, Dr Lidia IAGA Observatoire De Paris DASOP/LPSH, Meudon Cedex, 92195, France 0033-1-4507 7900 0033-1-4507 7959 lvandrie@mesioq.obspm.fr	VANKEUREN, Dr Jeffrey Office of Naval Research C/O Jo Ann Scott, Onrifo, 223 Old Marylebone Road, London, NW1 5TH, UK 0171 514 4516 0171 514 4980 jscott@onreur.navy.mil	VELICIU, Dr Serban IASPEI Geological Inst. of Romania Caransbes 1, Bucharest, 78344, Romania +401 2242091 +401 2210404 ana@ns.igr.ro
VALLADARES, Dr Cesar IAGA Boston College - Isr 140 Commonwealth Ave., Chestnut Hill, Massachusetts, 02467-3800, USA 781 863 5928 781 863 5949 cesar@dl5000.bc.edu	VAN ECK, Dr Torild IASPEI ORFEUS/KNMI P.O.Box 201, DE BILT, 3730AE, The Netherlands +31 030236780 +31 030 320 1364 vaneck@knmi	VANNITSEM, Dr S. Royal Meteorological Institute AV. Circulaire 3, Brussels, 1180, Belgium +2 373 0547 svn@oma.be	VELIKIN, Dr Sergei IAHS Permafrost Institute Vnims 2, AP. 6, Cheznyshevsky, 678185, Russia frozen@mizny.sakha.ru
VALLE-LEVINSON, DR A. IAPSO CCPO Crittenton Hall, 768 52nd Street, Norfolk, Virginia, 23529, USA 757 683 5578 757 683 5550 arnoldo@ccpo.odu.edu	VAN GELDEREN, Dr Martin TU Delft/Deos Faculty of Civil Eng. & Geosci, Thijssseweg 11, JA Delft, 2629, The Netherlands 31162782562 31152783711 m.vangeldereren@geo.tudelft.nl	VARANASI, Prasad IAMAS Sunny At Stony Brook State University of New York, 149 Dana Hall, Msrc, Inst. for Ter.& Planetary Sc., Stony Brook, 11767, USA 1 516 632 8313 1 516 632 9389 pvaranasi@ccmail.sunysb.edu	VENUTI, Dr Giovanna IAG Diar Politec. Milano/Facolta' como, Piazzale Gerbetto 6, Como, 22100, Italy 39 0 31 332 7362 39 0 31 332 7365 giove@ipmtf4.topo.polimi.it
VAN DE VEN, Dr Frans IAHS Delft University of Technology CITG-LWB, Stevinweg 1, DELFT, 2628 CN, The Netherlands +31 320 298 781 +31 320 249 218 f.h.m. vdeneriza.rws.minvenw.nl	VAN HERPE, Mr Yves IAHS University of Gent-FLTBW Labor. of Hydrology/Water Man., Coupure Links, 653, Gent, 9000, Belgium 0032 9 264 61 40 0032 9 264 62 36 yves.vanherpe@rug.ac.be	VARGA, Peter IAG Geo. & Geophysical Res. Inst. PO Box 5, Sopron, H-9401, Hungary 36 99 313367 36 99 313267 varga@ggki.hu	VENZKE, Mr Stephan IAPSO MPI Fuer Meteorologie Bundesstr. 55, Hamburg, 20146, Germany 49 40 41173 339 49 40 41173 298 venzke@dkrz.de
		VARLEY, Dr Nick IAVCEI Ciudad Univeristaria Insituto De Geofisica, Coyoacan, Df, 04510, Mexico 1 525 622 4114 1 525 550 2486 eruption@iname.com	VERDUN, Mr Jerome Universite De Montpellier Cnrs Lab. De Geo. & Tec. Cc 060, Place Eugene Bataillon, Montpellier, 34095, France 04.67.14.46.13 verdun@dstu.univ-mont2.fr

VERESHCHAKA, Dr Alexander Russian Academy of Sciences Inst. of Oceanology, Nakhimov Prospekt 36, Moscow, 117851, Russia 7(095) 124 77 49 7(095) 124 79 40 alv@ecosys.sio.rssi.ru		VIGO-AGUIAR, M Isabel IAG University of Alicante Dpt. Matematica Aplicada, EPS, SAN Vicente, Alicante, E03080, SPAIN 34965903400 EXT 2751 34965903804 vigo@ua.es	VILPPOLA, Mr Jari IAGA University of Oulu Dept. of Physical Sciences PO Box 3000, Oulu, FIN-90401, Finland +358 8 553 1361 +358 8 553 1287 jari.vilpolla@oulu.fi	VOCADLO, Dr Lidunka University College London Dept. Geological Sciences, Gower Street, London, WC1E 6BT, UK 0171 504 2361 0171 387 1612 l.vocaldo@ucl.ac.uk
VERMA, Professor Saurabh IASPEI NGRI Uppal Road, Hyderabad, 500007, India 0091 40 7170141 0091 40 7171564 postmast@csngri.ren.nic.in	VILA, Dr Josep Institut D'estudis Catalans C/ Carme 47, Barcelona, 08028, Spain +34 93 402 1199 +34 93 402 1133 jvila@mizar.am.ub.es	VINCENT, Dr Robert IAMAS University of Adelaide Dept. of Physics & Maths Phys., Adelaide, 5005, Australia +61 8 8303 5758 +61 8 8303 4384 robert.vincent@adelaide.edu.au	VOGEL, Professor Richard IAHS* Tufts University Dept. of Civil & Environmental, Engineering, Medford, 02155, USA 001-617-627 4260 001-617-627 3994 rvogel@tufts.edu	VOICULESCU, Mrs Mirela IAGA University of Galati Str. Domneasca. NR 123A, Galati, 6200, ROMANIA 00 40 36 413363 mirvoic@phys.ugal.ro
VERMEER, Professor Martin IAG Finnish Geodetic Institute Geodeetinrinne 2, Masala, FIN-02430, Finland +3589 29555215 +3589 29555200	VILA, Dr Paul IAGA/IAMAS Cetp/ St Maur E.41, 62 Rue Egalite, ISSY- LES-MLX, 92130, France 33 1 46449551 33 1 48 894433 paul.vila@cept.ipsl.fr	VINCIGUERRA, Dr Sergio IAVCEI Benfield Greig Hazard Res. Dept. of Geological Sciences, Univ. College London, Gower St, London, WC1E 6BT, UK 0171-504 2360 0171-388 7614 s.vinciguerra@ucl.ac.uk	VOIGT, Mr Stefan University of Bern Remote Sensing Reseach Group, Dept. of Geography, HSTR. 12, Bern, CH-3012, SWITZERLAND +41-31-631-8552 +41-31-631-8511 voigt@giub.unibe	VON FRESE, Professor R IAGA The Ohio State University Dept. of Geological Science, Columbus, Ohio, 43210, USA 614 292 5635 614 292 7688 vonfres@osu.edu
VERMEERSEN, Dr Bert IASPEI Delft University of Technology Faculty Aerospace Engineering, Kluyverweg 1, Delft, NL-2629 HS, The Netherlands 31 15 2786221 31 15 2785322 b.vermeersen@lr.tudelft.nl	VILANOVA, Susana IASPEI Inst. Superior Tecnico Dept. De Fisico, AV. Rovisco Pais, 1., Lisboa Codex, 1096, Portugal 351 1 8417205 p1138@alfa.ist.utl.pt	VIRTANEN, Mr Heikki IASPEI Finnish Geodetic Institute Geodeetinrinne 2, PL15, Masala, FIN-02431, Finland +358 9 29555 311 +358 9 29555 200 hv@fgi.fi	VON HOYNINGEN-HUENE, W. IAMAS University of Bremen Kufsteiner Strasse, PO Box 330440, Bremen, D-28334, Germany +49 421 218 2915 +49 421 218 4555 hoyning@gome5.physik.uni- bremen.de	VON STEIGER, Dr Rudolf IAGA Internat. Space Science Inst. Hallerstrasse 6, Bern, CH-3012, Switzerland +41 31 631 4890 +41 31 631 4897 vsteiger@iss.uniibe.ch
VERONNEAU, Mr Marc IAG Geodetic Survey of Canada 615 Booth Street RM 498 G, Ottawa, K1A OE9, Canada 001 613 992 1988 001 613 992 6628 marc@geod.nrcan.gc.ca	VILAS, Mr Juan F IAGA Universidad De Buenos Aires Pabellon 2, Ciudad Universitaria, Buenos Aires, 1428, Argentina +54 11 4576 3329 +54 11 4788 3439	VISWANATHAN, Dr K. S. IAGA Space Physics Lab. VSSC Vikram Sarabhai Space Gimbre, Trivandrum, 695 022, India +91 421 562 330 spl-nmc@nssc.org	VON FRESE, Professor R IAGA The Ohio State University Dept. of Geological Science, Columbus, Ohio, 43210, USA 614 292 5635 614 292 7688 vonfres@osu.edu	VON STEIGER, Dr Rudolf IAGA Internat. Space Science Inst. Hallerstrasse 6, Bern, CH-3012, Switzerland +41 31 631 4890 +41 31 631 4897 vsteiger@iss.uniibe.ch
VERRONEN, Mr Pekka IAGA Finnish Meteorological Inst. Geophysical Research Division, PO Box 503, Helsinki, FIN-00101, Finland +358 9 19291 +358 9 19294603 pekka.verronen@fmi.fi	VILBIC, Mr Ivica IAPSO Hydrographic Institute Zrinski, Frankopanska 161, Split, 21000, Croatia +38521 361 840 +38521 47 045 dhi-oco@dhi.tel.hr	VITA-FINZI, Claudio IAGA/IASPEI UCL (Geology) Gower Street, London, WC1E 6BT, UK 0171 504 2383 0171 388 7614 ucfbcvf@ucl.ac.uk	VON FRESE, Professor R IAGA The Ohio State University Dept. of Geological Science, Columbus, Ohio, 43210, USA 614 292 5635 614 292 7688 vonfres@osu.edu	VON STEIGER, Dr Rudolf IAGA Internat. Space Science Inst. Hallerstrasse 6, Bern, CH-3012, Switzerland +41 31 631 4890 +41 31 631 4897 vsteiger@iss.uniibe.ch
VESELOVSKY, Professor I IAGA Moscow State University Institute of Nuclear Physics, Moscow, 119899, Russia 7 095 939 1298 7 095 939 3553 veselov@dec1.npi.msu.su	VILJANEN, Dr Ari IAGA Finnish Meteorolog.Instit. PO Box 503, Helsinki, Fin-00101, Finland +358 9 19291 +358 9 1929 4603 ari.viljanen@fmi.fi	VITERBO, Dr Pedro IAMAS ECMWF Shinfield Park, Reading, R42 9AX, UK 0118 9499734 0118 986 9450 viterbo@ecmwf.int.	VON FRESE, Professor R IAGA The Ohio State University Dept. of Geological Science, Columbus, Ohio, 43210, USA 614 292 5635 614 292 7688 vonfres@osu.edu	VON STEIGER, Dr Rudolf IAGA Internat. Space Science Inst. Hallerstrasse 6, Bern, CH-3012, Switzerland +41 31 631 4890 +41 31 631 4897 vsteiger@iss.uniibe.ch
VETTORETTI, Mr Guido IAMAS University of Toronto Department of Physics, 60 St. George Street, Toronto, M5S 1A7, Canada 416 978 5213 416 978 8905 guido@atmosph.physics.utoront.ca	VILLAIN, Dr Jean-Paul IAGA LPCE/CNRS 3A, AV. Recherche Scientifique, Orleans Cedex 2, F45071, France 0033 2 38 25 52 87 0033 2 38 63 12 34 jvillain@cnrs-orleans.fr	VITUSHKIN, Dr Leonid IAG BIPM Pavillon De Bretevil, Sevres Cedex, 92312, France 0033 1 450 77 081 lvitushkin@bipmfr	VON FRESE, Professor R IAGA The Ohio State University Dept. of Geological Science, Columbus, Ohio, 43210, USA 614 292 5635 614 292 7688 vonfres@osu.edu	VON STEIGER, Dr Rudolf IAGA Internat. Space Science Inst. Hallerstrasse 6, Bern, CH-3012, Switzerland +41 31 631 4890 +41 31 631 4897 vsteiger@iss.uniibe.ch
VIAZIOVA, Natalia IAPSO All Russian Institute Hydrometeorological, Information Data Center, 6 Koisleva Street, Obninsk, 249020, Russia (08439) 74616 (095) 255 22 25 vjaz@meteo.ru	VILLALON, Dr Elena IAGA Northeastern University Air Force Research Lab Ivsbbs, 29 Randolph Road, Hanscom AFB, Massachusetts, MA 01731, USA 781 377 4132 781 377 3160 villalon@plh.af.mil	VITVAR, Dr Tomas IAHS* Swiss Federal Inst. Technology Department of Geography, Winterthurestrasse 190, Zürich, CH-8057, Switzerland +41 01 6355227 +41 01 3625197 tomas@geo.unmw.ethz.ch	VON FRESE, Professor R IAGA The Ohio State University Dept. of Geological Science, Columbus, Ohio, 43210, USA 614 292 5635 614 292 7688 vonfres@osu.edu	VON STEIGER, Dr Rudolf IAGA Internat. Space Science Inst. Hallerstrasse 6, Bern, CH-3012, Switzerland +41 31 631 4890 +41 31 631 4897 vsteiger@iss.uniibe.ch
VIEIRA, Mr Luis Eduardo IAGA I.N.P.E./D.G.E. AV DOS Astronautas, 1758, C.P. 515, Sao June Dos, Campos, 12201 970, Brazil +55 123417855 EXT.158 +5512 345 6810 eduardo@dge.inpe.br	VILLANTE, Professor U. IAGA University of L'aquila Physics Department, L'aquila, 67100, Italy +39 862 433022 +39 862 433033 umberto.villante@aquila.infn.it	VLASOVA, Dr Natalia IAGA Skobeltsyn Institute Moscow State University, Vorobyovy Gory, Moscow, 119899, Russia +7-(095)-939-5606 +7-(095)-939-2488 vlasova@taspd.npi.msu.su	VON FRESE, Professor R IAGA The Ohio State University Dept. of Geological Science, Columbus, Ohio, 43210, USA 614 292 5635 614 292 7688 vonfres@osu.edu	VON STEIGER, Dr Rudolf IAGA Internat. Space Science Inst. Hallerstrasse 6, Bern, CH-3012, Switzerland +41 31 631 4890 +41 31 631 4897 vsteiger@iss.uniibe.ch

VOROS, Dr Zoltan IAGA Geophysical Institute SAS Dubravská 9, Bratislava, Slovak Republic	WAGENER, Mr Thorsten IAHS Imperial College of Science Technology & Medicine, Civil & Environ. Eng. Dept., Imperial College Road, London, SW7 2BU, UK 0171 594 6120 0171 594 6124 t.wagener@ic.ac.uk	WALLACE, Professor Jim IAHS Institute of Hydrology Mclean Building, Crowmarsh Gifford, Wallingford, Oxon, OX10 EBB, UK 01491 838 800 01491 692216 jswa@mail.nwl.ac.uk	WANG, Dr Shouping IAMAS Universities Space Res. Assoc. 977 Explorer Blvd, Huntsville, Alabama, AL 35806, USA ++1 256 922 5905 ++1 256 922 5723 shouping.wang@msfc.nasa.gov
VOROSMARTY, Dr Charles IAHS University of New Hampshire Complex Systems Research Cent., Morse Hall, Durham, New Hampshire, 03824, USA 603 862 1792 603 862 0188 charles.vorosmarty@unh.edu	WAITE, Dr Jack Hunter IAGA Southwest Research Institute Southwest Research Institute, PO Box 28510, San Antonio, Texas, 28510, USA 210 522 3493 210 543 0052 hunter@wsri.edu	WALLING, Professor D IAHS University of Exeter Department of Geography, Amory Building, Rennes Drive, Exeter, EX4 4RJ, UK 01392 263345 01392 263342 geography@exeter.ac.uk	WANG, Dr Yan Ming IAG Raytheon ITSS 7701 Greenbelt Road, Greenbelt, Maryland, 21042, USA 301 441 4108 301 441 2432 ywang@geodesy2.gsfc.nasa.gov
VOSS, Dr Reinhard IAMAS MPAe Bundesstr. 55, Hamburg, D-20146, Germany +49 40 41173 106 +49 40 441751 reinhard.voss@dkrz.de	WAJSOWICZ, Dr Roxana IAPSO University of Maryland Dept. of Meteorology, 2403 Comp. & Space Sci. Bldg., College Park, MD, 20742, USA 301 405 5396 301 314 9482 roxana@atmos.umd.edu	WALTERS, Mark Environment Agency Park Square South Leeds, Leeds, LS1 2QG, UK 0113 231 2453 0113 231 2405	WANG, Dr Zhiqiu IASPEI China Seismological Bureau Dept International Cooperation, 63 Fuxing Avenue, Haidian, Beijing, 100036, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn
VOSS, Peter IASPEI KMS Rentemestervej 8, Copenhagen, DK-2400 NV, Denmark +45 35 87 50 50 +45 35 87 50 52 pv@kms.dk	WAKIMOTO, Professor Roger IAMAS UCLA Dept. of Atmospheric Sciences, 405 Hilgard Ave. (UCLA), Los Angeles, CA, 90095-1565, USA 001 310 825 1751 001 310 206 5219 roger@atmos.ucla.edu	WALTERSCHEID, Dr Richard IAGA Aerospace Corporation MS M2-260, P.O.Box 92957, Los Angeles, 90009, USA 1 310 336 7352 1 310 336 1636 richard.walterscheid@aero.org	WANG, Miss Hailan IAMAS University of Illinois Dept. of Atmospheric Sciences, 105 South Gregory Street, Urbana, Illinois, 61801, USA 1 217 265 4093 1 217 244 4393 h-wang1@atmos.uiuc.edu
VOURLIDAS, Dr Angelos George Mason University Code 7660, Navel Research Lab, 4555 Overlook Ave, Sw, Washington, DC, 20375, USA 202 767 2800 202 767 5636 avourlid@pythia.nrl.navy.mil	WALKER, Dr Matthew IAGA University of Leeds Department of Earth Sciences England, Leeds, LS2 9JT, UK 0113-233 6620 0113-233 5259 m.walker@earth.leeds.ac.uk	WALTHER, Professor W. IAHS University of Technology Mommensenstrasse 13, Technische Universitaet, Dresden, 01062, Germany +49 351 257970 jbw@hgwrsl.wosser.tu.dresden.de	WANG, Mr Jinling IAG Curtin Univ. of Technology School of Spatial Sciences, GPO Box U1987, Perth, WA, Australia 08 61 9266 3775 08 61 9266 2703 wang@vesta.curtin.edu.au
VYAZILOV, Dr Evgeny IAPSO Russian National Oceanographic 6 Koroleva, Obninsk, Kaluga Region, 249020, Russia 7 08439 74676 7 095 255 2225 vjaz@meteo.ru	WALKER, Dr Raymond IAGA UCLA/IGPP 6843 Slichter Hall, 405 Hilgard Ave., Los Angeles, California, 90095-1567, USA 310 825-7685 310 206-8042 rwalker@igpp.ucla.edu	WALZER, Professor Uwe IASPEI University of Jena Institut Für Geowissenschaften, Burgweg 11, Jena, D-07749, Germany 0049-3641-948680 walzer@geo.uni-jena.de	WANG, Mr Zhaomin IAMAS Mcgill University Dept. Atmosph. & Oceanic Sci., 805 Sherbrooke Street W., Montreal, Quebec, H3A2K6, Canada 514 398-3764 514 398-6115 zhaomin@whlemeteo.magill.ca
WADA, Dr Yutaka IAVCEI NARA University of Education Dept. of Earth Sciences, Takabatake, NARA, 630 8528, Japan +81 742 27 9200 +81 742 27 9289 ywada@nara-edu.ac.jp	WALKER, John University of Nottingham Electrical Engineering, Nottingham, NG1 2RD, UK 0115 951 5595 john.walker@nottingham.ac.uk	WAN, Yang UNION Chinese Academy of Sciences 52 Sanczhe Road, Eijing, 100864, China 86 10 68597 246 86 10 68511095 gz-z-bic@mail.cashq.ac.cn	WANG, Professor Bin University of Hawaii Dept. of Meteorology, 2525 Correa Road, Honolulu, Hawaii, 96822, USA 1 808 956 2563 1 808 956 2877 bwang@soest.hawaii.edu
WADGE, Geoff IAVCEI University of Reading ESSC, PO BOX 238, Reading, RG6 6AL, UK 0118 931 8741 0118 931 6413 gw@mail.nerc-essc.ac.uk	WALKER, Mr A David M IAGA University of Natal Durban School of Pure & Applied Phys., Durban, 4041, South Africa ++27 31 2602770 ++27 31 2616550 WALKER@SCIFS1.UND.AC.ZA	WANG, Dr Chung-Ho IAHS Institute of Earth Sciences Academia-Sinica, Pob 1-55, Nankang, Taipei, 11529, Taiwan 886227839910 886226511795 chwang@earth.sinica.edu.tw	WANG, Professor Chunyong IASPEI China Seismological Bureau Institute of Geophysics, 5 Minzuxueyuan Nanlu, Beijing, 100081, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn
WADHAMS, Dr Peter IAPSO Scott Polar Research Institute Lewesfield Road, Cambridge, CB2 1ER, UK 01223 336542 01223 306645 pwill@cam.ac.uk	WALKER, Ms Alice IASPEI British Geological Survey Murchison House, West Mains Road, Edinburgh, EH9 3LA, UK 0131-650 0202 0131-667 1877 a.b.walker@bgs.ac.uk	WANG, Dr Genxu IAHS Lanzhou Inst Glaciology & Geol 260 West Donggong Road, Lanzhou, 730000, China 86 931 8622815 86 931 8885412 gxwang@ns.lzb.ac.cn	WANG, Professor Gengchen IAMAS Inst. of Atmospheric Physics Chinese Academy of Sciences, Deshenmenwai Road, Beijing, 100029, China +86 10 62389420 +86 10 62028604 wanggc@mimi.cnc.ac.cn
WADLEY, Dr Martin IAPSO UEA ENV, UEA, Norwich, NR4 7TJ, UK 01603 593121 m.wadley@uea.ac.uk		WANG, Dr Julian UNION AIR Ressources Lab., Noaa/Usa 1315 East West Highway, SSMC#3, RM3463, Silver Spring, Maryland, 20910, USA 301 713-0295 EXT 124 301 713 0119 julian.wang@noaa.gov	

WANG, Professor Miaoyue IAGA Chinese Academy of Sciences Institute of Geophysics, Beijing, 100101, China 86-010-64889040 86-010-64871995 mywang@mail.c-geos.ac.cn	WARREN, Ms Linda IASPEI University of California IGPP, S10, 9500 Gilman Drive, La Jolla, CA, 920930225, USA 619 534 8119 619 534 5332 lwarren@ucsd.edu	WATANABE, Shingo IAMAS Kyushu University 6-10-1 Hakozaki, Higachika, Fukuoka City, 812-8581, Japan +81 92 642 2683 +81 92 642 2685 wnabe@rossby.geo.kyushu-u.ac.jp	WDOWINSKI, Dr Shimon IAG/IASPEI Tel Aviv University Department of Geophysics, Tel Aviv, 69978, Israel +972-3-640-6359 +972-3-640-9282 shimon@ge01.tau.ac.il
WANG, Yanbin IASPEI Kyushu University Dept. Earth & Planetary Sci., Graduate School, Hakozaki, 6-10-1, JAPAN 0081 092 642 4190 0081 092 642 2685 wang@geakyushu-u.ac.jp	WASSERMANN, Dr Joachim University of Potsdam Inst. Of Geosciences, PO Box 60 15 53, Potsdam, 14415, Germany ++49 0 3319772234 ++49 0 3319772087 jowa@geo.uni-potsdam.de	WATARI, Shinichi Space Science Division Communications Research Lab., 4-2-1 Nukukita, Koganei, Tokyo, 184 8795, Japan 042 327 6958 042 327 6657 wartari@crl.go.jp	WEATHERHEAD, Dr Elizabeth Univeristy of Colorado NOAA R/ED/AR 1, 325 Broadway, Boulder, Colorado, 80303, USA +1 303 497 6653 +1 303 497 6546 betsy@snrb.noaa.gov
WANG, Yi-Ming IAGA Naval Research Laboratory Code 7672W, Washington, DC, 20375- 5352, USA 202 404 8460 202 404 7997 ywang@yucca.nrl.navy.mil	WATADA, Dr Shingo IASPEI University of Tokyo Earthquake Research Institute, 1-1-1 Yayoi, Bunkyo-Ku, Tokyo, 113-0032, Japan +81 3 3818 6286 +81 3 3812 9417 watada@eri.u-tokyo.ac.jp	WATERS, Dr Colin IAGA The University of Newcastle Department of Physics, Callaghan, NSW, 2308, Australia 61 2 49 215421 61 2 49 216 907 colin@physics.newcastle.edu.au	WEATHERWAX, Dr Allan IAGA University of Maryland IPST-BLDG#224, College Park, Maryland, 20742-2431, USA 301 405 4894 301 314 9363 allanw@ipst.umd.edu
WANNINGER, Dr Lambert IAG Dresden University of Tech. Geodetic Institute, Dresden, D-01062, Germany +49 351 463 7201 lambert.wanninger@mailbox.tu.dresde n.de	WATANABE, Dr Masakazu IAGA National Inst./Polar Research 1-9-10 Kaga, Itabashi-Ku, Tokyo, 173-8515, Japan 81-3-3962-5140 81-3-3962-5742 maskaz@nipr.ac.jp	WATKINS, Dr Nicholas WYNN British Antarctic Survey High Cross, Madingley Road, Cambridge, CB3 0ET, UK 44 1223 221545 44 1223 221226 nww@bas.ac.uk	WEAVER, Dr Andrew IAPSO University of Victoria Po Box 3055, Victoria, British Columbia, V8W 3P6, Canada +1 250 472 4001 +1 250 472 4004 weaver@uvic.ca
WAPLE, Miss Anne IAMAS University of Massachusetts Dept. of Geoscience, Morrill Science Center, Amherst, MA, 01003, USA +(413)545 0659 +(413)545 1200 awaple@geo.umass.edu	WATANABE, Mr Masahiro IAPSO University of Tokyo Center for Climate System Res., 4-6-1 Komaba, Meguro, Tokyo, 153 8904, JAPAN 81 3 5453 3950 81 3 5453 3964 hiro@ccsr.u-tokyo.ac.jp	WATKINS, Mrs Frances IAHS PRESS IAHS Press Institute of Hydrology, Wallingford, Oxfordshire, OX1D 8BB, UK 01491 692405 01491 692448 frances@iahs.demon.co.uk	WEAVER, Mr Ron IAHS Nat. Snow & Ice Data Center Cires Campus Box 449, University of Colorado, Boulder, CO, 80309-0449, USA 303-492-7624 303-492-2468 ronald.weaver@colorado.edu
WARD, Dr William IAGA York University RM 206 Petrie Bldg, Cress/Crestech/ 4700 Keele St., North York, Ontario, M3J 1P3, Canada 1 416 736 2100 EXT 33828 1 416 736 5626 william@stpl.cress.yorku.ca	WATANABE, Professor H IAVCEI University of Tokyo Earthquake Research Institute, Yayoi 1-1-1, Bunkyo-Ku, Tokyo, 113-0032, Japan +81-3-5841-5773 +81-3-3812-6979 watanabe@evl.u-tokyo.ac.jp	WATKINS, Professor B. IAGA University of Alaska 4072 Teal Avenue, Fairbanks, AK, 99709, USA 907 474 7479 907 474 7290 bjw@usa.net	WEAVER, Professor John IAGA University of Victoria School of Earth and Ocean Sci., PO Box 3055, Victoria, BC, V8W 3P6, Canada +1 250 472 4353 +1 250 721 6200 weaver@phys.uvic.ca
WARE, Dr Randolph IAMAS UCAR/GST POB 3000, Boulder, Co, 80307-3000, USA 303 497 8005 303 449 7857 ware@ucar.edu	WATANABE, Professor K IASPEI KYOTO University Dpre, Gokasho, Uji, Kyoto, 611-0011, Japan 81 774 38 4204 81 774 38 4204 watkun@rcep.dpri.kyoto-u.ac.jp	WATT, Miss Clare British Antarctic Survey Physical Sciences Division, Bas, Madingley Road, Cambridge, England, CB1 0ET, UK 01223 221539 cejw@pcmail.nercbas.ac.uk	WEAVER, Richard IAGA Southampton University Southampton Oceanography Cen., Southampton, SO14 374, UK rweaver@mail.sec.sotan.ac.uk
WARNER, Dr Christopher IAMAS University of Cambridge Damp, Silver Street, Cambridge, CB3 9EH, UK 0223 337866 01223337918 cdw13@damp.cam.ac.uk	WATANABE, Professor S IAGA Hokkaido University Dept. Earth & Planetary Sci., Kitaku, Sapporo, 060, Japan 81 11 706 2757 81 11 746 2715 shw@pspace.sci.hokudai.ac.jp	WATTS, Miss Sarah IAMAS Oxford University AOPP, Clarendon Laboratory, Parks Road, London, OX1 3PP, UK 01865 272091 01865 272923 swatts@atm.ox.ac.uk	WEBB, Professor Bruce IAHS Exeter University School of Geography & Arch., Amory Building, Rennes Drive, Exeter, EX4 4RJ, UK 01392 263334 01392 263342 b.w.webb@exeter.ac.uk
WARN-VARNAS, Dr Alex IAPSO Naval Research Laboratory Bldg 1007, Stennis Space Center, MS, 39529 5004, USA 228 688 5223 228 688 4759 varnas@nrlssc.navy.mil	WATANABE, Professor T IAGA Ibaraki University Dept. of Environmental Science, Mito, 310-8512, Japan +81 29 228 8399 +81 29 228 8405 watanabe@env.sci.ibaraki.ac.jp	WATTS, Philip Applied Fluids Engineering PMB #237, 5710 E. 7th Street, Long Beach, California, 90803, USA +1 562 498 9407 +1 562 498 9407 phil.watts@appliedfluids.com	WEBER, Dr Robert IAG University of Technology Dept. of Theoretical Geodesy, E1281, Gushausstrasse 27-28, VIENNA, A-1040, AUSTRIA +43 1 58801 12865 +43 1 504 21 55 rweber@luna.tuwien.ac.at
WARREN, Dr Stephen IAMAS University of Washington BOX 351640, Atmospheric Sciences, Seattle WA, 98195, USA 206 543 7230 206 543 0308 sgw@atmos.washington.edu		WAUGH, Dr Darryn Johns Hopkins University 3400 N. Charles St, Baltimore, MD 21218, USA 001 410 516 8344 001 410 516 7933 waugh@jhu.edu	

WEBER, Dr Zoltan IASPEI Seismological Observatory Geodetic & Geophysical Res.Ins, Meredek U. 18, Budapest, H-1112, Hungary +36 1 319 3382 +36 1 319 3385 weber@seismology.hu	WEI, Professor Ziqing IAG Xian Research Institute Surveying & Mapping, 1 Yanta Mid-Road, Xian, Shaanxi, 710054, China +86 29 552 0273 ziqing@public.xa.sn.cn	WEISS, MS Andrea IAMAS ETH ZUERICH Inst. for Atmospheric Physics, Eth-Hoenggerberg, Zuerich, CH 8093, SWITZERLAND +41 1 633 27 58 +41 1 633 10 58 weiss@atmos.unmw.ethz.ch	WERNLI, Dr Heini IAMAS Eth Zuerich Institute For Atmospheric SCI., Zuerich, 8093, Switzerland +41 1 633 36 23 +41 1 633 10 58 wernli@atmos.unmw.ethz.ch
WEBERS, Dr Wigor IAGA GFZ Potsdam Telegrafenberg, Potsdam, D-14473, Germany +49 331 288 1232 +49 331 288 1235 wigor@gfz-potsdam.de	WEIDNER, Mr George IAMAS University of Wisconsin Dept. Atmos/Ocean Sciences, 1225 West Drayton St, Madison, Wisconsin, 53706, USA 608 262 4882 608 262 5974 george@ssec.wisc.edu	WELCH, Dr Ronald IAMAS Univ. of Alabama In Huntsville Huntsville, Al, 35899, USA 256 922 5789 256 922 5755 welch@atmos.uah.edu	WESTERHAUS, Dr Malte IASPEI GFZ Potsdam Telegrafenberg E457, Potsdam, 14473, Germany 0049 331 288 1207 0049 331 288 1204 tilt@gfz-potsdam.de
WEBSTER, Dr Paul IAHS The University of Birmingham School of Civil Engineering, Edgbaston, Birmingham, B15 2TT, UK 0121 414 5055 p.webster@bham.ac.uk	WEIDNER, Professor Donald IASPEI Chiplr Stony Brook Dept. of Geosciences, State University of New York, Stony Brook, New York, 11794/2100, USA 1 516 632 8241 1 516 632 8140 dweidner@sunysb.edu	WELLS, Dr Neil IAPSO University of Southampton Soes, S'ton. Oceanography Centre, Southampton, SO14 3ZH, UK 01703 592428 01703 593059 ncw@mail.soc.soton.ac.uk	WESTON, Neil IAG National Geodetic Survey 1315 East West Hwy, Ssmc#3 Room 9830, Silver Spring, 20901-3247, USA +1 301 713 2847 +1 301 713 4475 nweston@ngs.noaa.gov
WEBSTER, Professor Ferris IAPSO University of Delaware College of Marine Studies, Lewes, Delaware, 19958, USA ++1 302 645 4266 ++1 302 645 4007 ferris@udel.edu	WEIGHTMAN, Jack A IAG Molibus 44 Aytown Road, Pollockshields, Glasgow, Scotland, G41 5HN, UK 0141 423 8290 0141 423 8290	WEN, Mr Hanjiang IAG Inst. of Theoretical Geodesy Steyrergasse 30, TU-GRAZ, 8010, Austria 43 316 873 6355 43 316 873 6845 wen@geomatics.tu-graz.ac.at	WHALER, Professor Kathy IAGA University of Edinburgh Grant Institute, West Mains Road, Edinburgh, EH16 5JY, UK 0131 650 4904 0131 668 3184 kathy.whaler@ed.ac.uk
WEBSTER, Professor Peter University of Colorado Program Atmos. & Oceanic Sci., Campus Box 311, Boulder, Colorado, 80309-0311, USA 1 303 492 5882 1 303 492 3524 pjw@willywilly.colorado.edu	WEILER, Mr Markus IAHS IHW HIF C 46.5, ETH Hönggerberg, Zürich, 8093, Switzerland ++41 1 633 3384 ++41 1 633 1224 weiler@ihw.baum.ethz.ch	WENDISCH, Dr Manfred IAMAS Inst. for Tropospheric Res. Permoserstr. 15, Leipzig, 04303, Germany ++49 341 235 2469 ++49 341 235 2361 wendisch@tropos.de	WHANG, Professor Y C IAGA Catholic University of America 8003 Grand Teton Drive, Potomac, Maryland, 20854, USA 202 319 5977 202 319 4499 whang@cua.edu
WEHNER, Dr Michael IAMAS PCMDI L-264, Lawrence Livermore, National Laboratory, Livermore, California, 94550, USA 925 423 1991 925 422 7675 mwehner@llnl.gov	WEIMER, Dr Daniel IAGA Mission Research Corp. 1 Tara Blvd., Suite 302, Nashua, New Hampshire, 03062, USA 1 603 891 0070 EXT 211 1 603 891 0088 dweimer@mrcnh.com	WENDLER, Professor Gerd IAMAS University of Alaska Geophysical Institute, Fairbanks, Alaska, 99775, USA +1 907 474 7378 +1 907 474 7290 gerd@gi.alaska.edu	WHEATER, Professor Howard IAHS Imperial College Dept. of Civil & Environmental, Engineering, London, SW7 2BU, UK 0171 594 6066 0171 823 9401 h.wheater@ic.ac.uk
WEHRLI, Christoph IAMAS PMD/WRC. Davos Dorfstrasse 33, Davos Dorf, CH 7260, Switzerland +41 81 417 5137 +41 81 417 5100 chwehrl@pmodwrc.ch	WEINSTEIN, Dr Alan IAMAS ONR IFO 223 Old Marylebone Road, London, NW1 5TH, UK 44(0)171 514-4964 44(0)171 723 6359 aweinstein@onreur.navy.mil	WENG, Dr Wensong IAMAS York University Dept. of Earth & Atmos. Sci., 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada 1 416 736 2100 EXT.33479 1 416 736 5817 wweng@yorku.ca	WHITE, Mr Michael University of Montana NTSG/School of Forestry, Missoula, Montana, 59812, USA 406 243 4632 406 243 4510 mike@ntsg.umt.edu
WEI, Dr Haiquan IAGA China Seismological Bureau Inst of Geology, De Wai Qijiahuozi, Beijing, 100029, China +86 10 8801 5514 +86 10 6821 0995 wanzq@cap.ac.jp	WEIRIG, Miss Marie-France IAMAS Alfred Wegener Institute For Polar And Marine Research, Columbusstrasse, Bremerhaven, D-27568, Germany 49 0 471 4831 367 49 0 471 4831 149 mweirig@awi-bremerhaven.de	WENZEL, Professor F Geophysical Institute Karlsruhe University, Hertzstr. 16, Karlsruhe, 76187, Germany +49-721-6084431 +49-721-711173 fwenzel@gpiwap1.physic.uni- karlsruhe.de	WHITE, Mrs Pamela British Geological Survey Murchison House, West Mains Road, Edinburgh, , UK (0131) 650 0305 p.white@bgs.ac.uk
WEI, DR MING IAG Intermap Technologies #1000, 736-8TH Avenue, S.W., Calgary, Alberta, T2P 1H4, Canada 403 266 0900 403 265 0499 mwei@intermap.ca	WEISHEIMER, Mrs Antje IAMAS Alfred Wegener Institute Research Department, Telegrafenberg, A43, Potsdam, 14473, Germany ++49/331/288-2160 ++49/331/288-2178 weisheim@awi-potsdam.de	WERNER, Mr Tomasz IAGA Polish Academy of Sciences Institute of Geophysics, UL. KS. Janusza 64, Warszawa, 01-452, Poland +48 22 69 15 765 +48 22 69 15 915 twerner@igf.edu.pl	WHITE, Professor Antony IAGA Flinders University Earth Sciences, G.PO Box 2100, Adelaide, 5001, Australia +61 8 8201 2020 +61 8 8201 2676 antony.white@flinders.edu.au
WEI, Dr Mozheng IAMAS CSIRO Atmospheric Research PMB 1, Aspendale, Victoria, 3195, Australia 61 3 92394415 61 3 92394444 mozheng.wei@dar.criro.au			WHITE, Professor William IAVCEI Cornell University Dept. of Geological Science, Snee Hall, Ithaca, New York, 14853, USA 607 2557466 607 2544780 white@geology.cornell.edu

WHITE, Warren IAGA Scripps Inst. of Oceanography Ucsd, 8605 La Jolla Shores Drive, La Jolla, California, 92039-0230, USA 858 534 4826 858 534 7452 whwhite@ucsd.edu	WILD, Mr Jim Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	WILLIAMS, Professor Dr E IAMAS Massachusetts Inst. of Tech. Parsons Laboratory, Mit 48-211, Cambridge, Massachusetts, 02139, USA 001 617 253 2459 001 781 981 0632 earlew@ll.mit.edu	WILSON, Mr Albertus Potchefstroom Univ. for C.H.E. Private Bag X6001, Dept Physics Att Prof Stoker, Potchefstroom, 2520, South Africa 0027-18 2992414 0027-18 2992131 burt.wilson@za.pwcglobal.com
WHITEWAY, Dr Jim IAMAS University of Wales Dept. of Physics, Aberystwyth, SY23 3BZ, UK 01970 621 797 01970 622 826 jjw@aber.ac.uk	WILD-ALLEN, Dr Karen Napier University Dept. of Biological Sciences, 10 Colinton Road, Edinburgh, EH10 5DT, UK 0131 455 2350 0131 455 2350 k.wild-allen@napier.ac.uk	WILLIAMS, Professor Phil IAGA Cynulliad Cenedlaethol Cymru Prifysgol Cymru, Bae Caerdydd, Caerdydd, Wales, CF99 1NA, UK 01222 898286 01222 898287 phil.williams@wales.gsi.gov.uk / pjw@aber.ac.uk	WILSON, Mr Simon IAMAS The Met. Office Hadley Centre, London Road, Bracknell, Berkshire, RG12 2SY, UK 01344 856775 01344 854898 hbuckley@meto.gov.uk
Whitmore, Dr Guy IAG Racal Survey Group Limited Beevor Road, North Denes, Great Yarmouth, NR30 3NU, UK 01493 857011 01493 852420	WILKEN, Dr Berend IAGA MPI Fuer Aeronomie Katlenburg-Lindau, D-37191, Germany 0049 5556 979 431 0049 5556 979 240 wilken@linmpi.mpg.de	WILLIS, Dr David IAGA University of Warwick Rutherford Appleton Laboratory, Chilton, Didcot, Oxfordshire, OX11 0QX, UK 01235 446498 01235 445848 dave@eisatkat.ag.rl.ac.uk	WILSON, Robert UNION Science Applications Int. Corp One Enterprise Parkway, Hampton, Virginia, 23666, USA 757 827 4881 757 825 9129 r.s.wilson@larc.nasa.gov
WHITNEY, Dr Alan IAG MIT Haystack Observatory Off Route 40, Westford, Massachusetts, 01886, USA ++1 781 981 5419 ++1 781 981 0590 awhitney@haystack.mit.edu	WILLEBRAND, Professor J IAPSO Der Universitaet Kiel Institut Fuer Meereskunde, Abteilung Theoretische Ozean., Duesternbrooker WEG 20, Kiel, 24105, Germany +49 431 597 3800 +49 431 56 58 76 jwillebrand@ifm.uni-kiel.de	WILLIS, Dr Pascal IAG Institut Géographique National Ensg/Lareg, 6-8, Avenue Blaise Pascal, Marne-La- Vallee, Cedex 2, 77455, France 00 33 1 6415 3252 00 33 1 6415 3253 pascal.willis@ensg.ign.fr	WILTBERGER, Dr Michael IAGA University of Maryland Astronomy Department, AV Williams Bldg, College Park, Maryland, 20742, USA 301 405 7936 301 405 2929 wiltbemj@spp.astro.umd.edu
WICHT, Dr Johannes IAGA Institut Für Geophysik Herzberger Landstrasse 180, Göttingen, 37075, Germany 0049-551-397475 0049-551-7469 wicht@willi.uni.geophys.gwdg.de	WILLEMANN, Dr Ray IASPEI I.S.C. Pipers Lane, Thatcham, RG19 4NS, UK 01635 861022 01635 872351 ray@isc.ac.uk	WILLMOTT, Professor A. IAPSO Keele University Dept. of Mathematics, Keele, ST5 5BG, UK 01782-583270 01782-584268 a.j.willmott@keele.ac.uk	WINANT, Dr Clinton D IAPSO University of California Scripps Inst. of Oceanography, 9500 Gilman Drive, San Diego, California, 92093-0209, USA 858 534 2067 858 534 0300 cdw@coast.ucsd.edu
WIECZKOWSKI, Ms Karin IAG Institute of Planatology Wilhelm-Klemm-Str. 10, D-48149, Germany 49 251 8339068 49 251 8339083 wiczek@uni-muenster.de	WILLGALIS, Mr Stefan IAG Universitaet Hannover Institut Fuer Erdmessung, Hannover, 30165, Germany +511 762 5149 +511 762 4006 willgalis@mbox.ife.uni-hannover.de	WILSON, Doug Environment Agency Kings Meadow House, Kings Meadow Road, Reading, RG1 0JN, UK 0118 9535743 doug.wilson@environment. agency.gov.uk	WINCH, Professor Denis IAGA University of Sydney School of Maths And Stats, Sydney, New South Wales, 2006, Australia 0061-2-9351 3235 0061-2-9351 4534 denisw@maths.usyd.edu.au
WIEMER, Dr Stefan IASPEI ETH Zurich Swiss Seismological Service, Inst. of Geophysics, HPP P., ZURICH, CH-8093, Switzerland +41 1 6336625 +41 1 6331065 stefan@seismo.ifg.ethz.ch	WILLIAMS, Dr Donald IAGA Johns Hopkins Applied Phy. Lab 11100 Johns Hopkins Road, Laurel, MD, 20723-6099, USA 240 228 5404 240 228 6904 donald.williams@jhuapl.edu	WILSON, DR CLARK IAG Nasa Headquarters Code Yo, Washington, DC, 20546, USA 001 202 358 1373 001 202 358 2770 cwilson@hq.nas.gov	WINTERHALTER, Dr Daniel IAGA Jet Propulsion Laboratory CIT, 4800 Oak Grove Drive, M/S 169/509, Pasadena, California, 91109, USA 818 354 3238 daniel.winterhalter@jpl.nasa.gov
WIENHOLD, Dr Frank IAGA Fraunhofer Inst. Heidenhofstrasse 8, Freiburg, D-79110, Germany 0049 761 8857 175 0049 761 8857 224 wienhold@ipm.fhg.de	WILLIAMS, Dr Simon Proudman Oceanographic Lab. Bidaton Observatory, Birkenhead, Merseyside, L43 7RA, UK (0151) 653 8633 EXT.206 (0151) 653 6269 adwil@mail.norc.bidston.ac.uk	WILSON, Dr Julian IAMAS Environment Institut European Commission, TP460, Joint Research Centre, Ispra (Va), I-21020, Italy 00 39 0332 785 204 00 39 0332 789 793 julian.wilson@jrc.it	WIRATMO, Mr Joko IAMAS Institute of Technology Dept. of Geo. & Meteorology, Jl. Ganesha, 10 Bandung, West Java, 40132, Indonesia 62 2500494 62 022 2500494 wiratmo@geoph.itb.ac.id
WIENHOLZ, Kerstin Technical University Berlin Skr. H12, TU Berlin, Str. Des 17. JUNI 135, Berlin, 106 23, Germany +49 30 31423602 +49 30 31421973 wienholz@inge3.bv.tu-berlin.de	WILLIAMS, Miss Alison IAHS* Jeremy Benn Associates Magna House, South Street, Atherstone, Warwickshire, CV9 1DF, UK 01827 720 720 01827 720 721 alison.williams@jeremybenn.co.uk	WILSON, Marge IAVCEI Leeds University School of Earth Sciences, Leeds, LS2 9JT, UK 0113 233 5236 0113 233 6619 m.wilson@earth.leeds.ac.uk	WITTE, Dr Bertold IAG University of Bonn Geodetic Institute, Nussallee 17, Bonn, 53115, Germany 0228 732620 0228 732988 witte@uni-bonn.de
WIGET, Mr Adrian IAG Bundesamt Für Landestopograph. Seftigenstrasse 264, Wabern, 3084, Switzerland 0041-31-963 2469 0041-31-963 2459 adrian.wiget@lt.admin.ch	WILLIAMS, Mr Paul Physics Department, Umist PO Box 88, Manchester, England, M60 1QD, UK 0161 200 3905 0161 200 3951 Paul.I.Williams@umist.ac.uk		

WOCH, Dr Joachim MPAe Max-Planck-Strasse 2, Katlenburg- Lindau, D-37191, Germany +49 5556 979447 +49 5556 979139 woch@linmpi.mpg.de	IAGA	WOODS, Mr Thomas UNION University of Colorado/Lasp 1234 Innovation Road, Boulder, Co, 80303, USA 1 303 492 4224 tom.woods@lasp.colorado.edu	WRIGHT, Dr Andrew N IAGA University of St Andrews Mathematical Institute St Andrews, Fife 2 KY16 9SS, UK 01334 463736 01334 463748 andy@dcs.st-and.ac.uk	WU, Professor Guoxiong IAMAS Chinese Academy of Sciences Inst. of Atmospheric Physics, Beijing, 100029, China 086 10 62043356 086 10 62043526 gxwu@lasgsgj4.iap.ac.cn
WOITH, Dr Heiko IASPEI GFZ Potsdam Telegiatenberg, Potsdam, D-14473, Germany +49 331 288 1234 +49 331 288 1204 randon@gfz-potsdam.de		WOODWARD, Dr Stephanie IAMAS Meteorological Office RM H211, Hadley Centre, London Road, Bracknell, RG12 2SY, UK 01344 854519 01344 854898 swoodward@meto.gov.uk	WRIGHT, Mr Darren Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 2400	WU, Professor Zhongliang IASPEI China Seismological Bureau Institute of Geophysics, 5 Minzuxueyuan Nanlu, Hadian, Beijing, 100081, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn
WOLF, Dr Detlef IAG GFZ Potsdam Division 1, Telegrafenberg, Potsdam, D- 14473, Germany +49 331 288 1140 +49 331 288 1163 dasca@gfz-potsdam.de		WOODWORTH, Dr Philip IAPSO Proudman Oceanographic Lab. Ridston Observatory, Birkenhead, Merseyside, L43 7RA, UK 0044-151 653 8633 0044-151 653 6269 plw@pol.ac.uk	WRIGHT, Mr Robert IAVCEI The Open University Dept. of Earth Sciences, Walton Hall, Milton Keynes, MK7 6AA, UK 01908 655 976 01908 655 151 r.wright@open.ac.uk	WU, Shi Tsan IAGA Univ. of Alabama In Huntsville Center for Space Plasma And, Aeronomc Research, Huntsville, Alabama, 35899, USA 1 256 890 6413 1 256 890 6382 wus@email.uah.edu
WOLF, Dr Richard IAGA Rice University Space Physics Department, Ms#108/Po Box 1892, Houston, Texas, 77251, USA 713 527 8101 EXT 3308 713 737 5758 wolf@alfven.rice.edu		WOOLF, Dr David IAPSO University of Southampton School of Ocean & Earth Sci., European Way, Southampton, SO19 7SP, UK 01703-593038 01703-593059 dkw@soc.soton.ac.uk	WU, Dr Bin IAG Chinese Academy of Sciences Inst. of Geodesy & Geophysics, Wuhan, 430077, China	WULF, Miss Sabine IAVCEI GFZ Potsdam PB 33 Sedimente Und Beckenb., Telegrafenberg, Haus C, Potsdam, 14473, Germany 0049 331 288 1381 0049 331 288 1302 wulf@gfz-potsdam.de
WOLFF, Dr Eric IAMAS British Antarctic Survey High Cross, Madingley Road, Cambridge, Cambridgeshire, CB3 0ET, UK 01223-221491 01223-362616 e.wolff@bas.ac.uk		WOOLNOUGH, Professor Dr S IAMAS/IAPSO University of Reading Department of Meteorology, PO Box 243, Reading, RG6 6BB, UK 0118 987 5123 EXT 7846 0118 931 8905 s.j.woolnough@rdg.ac.uk	WU, Dr Ji-Cang IAG Tongji University Dept. of Surveying & Geo-Info., Siping Road 1239, Shanghai, 200092, CHINA 86 21 6598 1085 86 21 6502 2737 jcwu@celiang.tongji.edu.cn	WYKES, Mr Will IAGA University of Warwick Physics Dept. P420A, Coventry, CV4 7AL, UK 01203 522831 01203 692016 wykes@astvo.warwick.ac.uk
WOLFF, Professor J-O IAPSO ICBM Universität Oldenburg, Postfach 2503, Oldenburg, 2503, Germany 49 441 7985343 49 441 7983404 wolff@icbm.de		WOPPELMANN, Dr Guy IAG SHOM 14 Rue Du Chatellier, Bp 426, 29200, France 0033 2 98 22 17 42 guy@ensg.ign.fr	WU, Dr Patrick IASPEI University of Calgary 2500 University Dr. NW, Calgary, AB, T2N 1N4, Canada 1 403 220 7855 1 403 284 0074 ppwu@ucalgary.ca	WYLLIE, Professor Peter J IAVCEI/UNION California Inst. of Technology Divis of Geolog.&Planet.Scienc, Mc 170-25, Pasadena, California, CA 91125, USA 626-395-6461 626-568-2840 wyllie@caltech.edu
WONG, Miss Anne-Marie IAPSO University of New South Wales School of Mathematics, Sydney, 2052, Australia 61 2 9385 6910 61 2 9385 7123 ann@maths.unsw.edu.au		WORM, Dr Horst-Ulrich IAGA BGR (Geological Survey) Aussenstelle Grubenhagen, Einbeck- Rotenkirchen, 37574, Germany 0049-5562-530 0049-5562-387 grubenhagen@t-online.de	WU, Dr Ru-Shan IASPEI University of California Inst. of Tectonics, Earth & Marine Science Bldg., 1156 High Street, Santa Cruz, 95064, USA 1 813 459 5135 1 813 459 2423 wrs@es.ucsc.edu	WYSS, Professor Max IASPEI University of Alaska Geophysical Institute, Koyukuk Drive, Fairbanks, Alaska, 99775, USA 907 474 5529 907 474 7290 max@giseis.alaska.edu
WONNACOTT, Mr Richard IAG Survey & Mapping Private Bag X 10, Mowbray, 7705, South Africa +27 21 685 4070 +27 21 689 1351 rwonnacott@slu.wcape.gov.za		WORRALL, Dr Jonathan IAHS University of Durham Dept. of Geological Sciences, Science Labs, South Road, Durham, DH1 3LE, UK 0191 374 2535 0191 374 2510 Fred.Worrall@durham.ac.uk	WU, Dr Shiguo Jamstec 2-15 Natsushima, Yokosuka, 237 0061, Japan +81 468 673955 +81 468 665541 wushiguo@jamstec.go.jp	XIA, Dr Jun IAHS Wuhan University Hydraulic & Electric Eng., Wuhan, 430072, China 86 27 88313502 86 27 87884496/87878318 JXIA@WUHEE.EDU.CN
WOOD, Dr Paul IAHS University of Huddersfield Geog. & Env. Sci., Queensgate, Huddersfield, HD1 3DH, UK 01484 472687 01484 472347 p.j.wood@hud.ac.uk		WORTHINGTON, Dr Richard IAMAS University of Wales Department of Physics, Aberystwyth, Wales, SY23 3BZ, UK 01970 622 838 01970 622 826 rrw@aber.ac.uk	WU, Dr Yih-Min IASPEI Centarl Weather Bureau Seismology Center, 64 Kung-Yuan Road, Taipei, 100, Taiwan 886 2 2349 1167 886 2 2349 1178 ludan@ss2.cwb.gov.tw	XIAO, Ms Jingbing IAMAS York University Dept. of Earth & Atmos. Sc., 4700 Keele Street, Toronto, Ontario, M3J 1L3, Canada 416 736 2100 RXT 44559 416 736 5817 jingbing@yorku.ca
WOOD, Ms Fiona University of Sheffield Iger, North Wyke Research Station, Okehampton, Devon, EX20 2SB, UK 01837 82558 EXT. 157 01837 72139 fiona.wood@bbsrc.ac.uk		WRATT, Dr David IAMAS NIWA PO Box 14 901, Kilbirnie, Wellington, , New Zealand 0064-4-386-0588 0064-4-386-2153 d.wratt@niwa.cri.nz	WU, Professor Fuchun IASPEI China Seismological Bureau Shaanxi Province, 4 Bianjiacun Shuiwenxiang, Xi'an, Shaanxi Province, 710068, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	

XIAO, Professor Zuo Peking University Dept. of Geophysics, Beijing, 100871, China 0086 10 6275 1133 zxiao@pku.edu.cn	IAGA	YAGAI, Dr Isamu National Research Institute 3-1 Tennodai, Tsukuba-Shi, Ibaraki-Ken, 305 0006, Japan +298 51 1611 +298 51 3246 yagai@ess.bosai.go.jp	IAMAS	YAMAZAKI, Dr Makoto Hokkaido Electric Power CO. 2-1 Tsuishikari, Ebetsu, Hokkaido, 067 0033, Japan 81 11 385 6553 81 11 385 6558 makoto@epmall.hepco.co.jp	IAHS	YANG, Professor Ming National Cheng Kung University 1 University Rd., Tainan, 70101, Taiwan 886 6 275 752 638 00 886 6 23 75 764 myang@mail.ncku.edu.tw	IAG
XIE, Mr Furen China Seismological Bureau Institute of Crustal Dynamics, De Wai Xishanqi, Beijing, 100085, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	IASPEI	YAGI, Mr Yuji The University of Tokyo Earthquake Research Institute, Yayoi 1-1-1 Bunkyo-Ku, Tokyo, 113-0032, Japan +81 3 3812 2111 EXT 5746 +81 3 3814 5507 yuji@eri.u-tokyo.ac.jp	IASPEI	YAMAZAKI, Dr Toshitsugu Geological Survey of Japan 1-1-3 Higashi, Tsukuba, 305 8567, Japan 81 298 54 3591 81 298 54 3589 yamazaki@gsj.go.jp	IAGA	YANG, Professor Yuanxi Xian Inst. Surveying & Mapping 1 Yanta Zhinglu, Xi'an, 710054, China +86 29 55 33 503 +86 29 55 25 310 yuanxi@pub.xa-online.sn.cn	IAG
XIE, Professor Lili China Seismological Bureau Inst Engineering Mechanics, 9 Xuefulu Nangang Distict, Harbin, Heilongjiang Province, 150080, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	IASPEI	YAGOVA, Dr Nadezhda Inst./Physics of The Earth B. Gruzinskaya, 10, Moscow, 123810, Russia 7 095 2544290 vpilipenko@uipe-ras.scgis.ru	IAGA	YAMAZAKI, Ms Kuniko M 666 Spadina Avenue, Toronto, ONTARIO, 2412, Canada +1 416 961 6438 gun@koneeko.linux.or.jp		YANG, Professor Zhenyu 1-1 Rokko-Dai, Nada-Ku, Dept. of Earth & Science, Kobe, 657 8501, Japan 81 78 8036478 81 78 8035757 zyyang@kobe-u.ac.jp	IAGA
XIE, Professor Shang-Ping Hokkaido University Graduate School of E.E.S, North 10 West 5, Kita-Ku, Sapporo, 060 0810, Japan +81 11 706 3267 +81 11 706 4865 xie@ees.hokudai.ac.jp	IAPSO	YAMAGISHI, Dr Hisao National Inst. Polar Research 9-10 Kaga 1 Chome, Itabashi-Ku, Tokyo, 173 8515, Japan +81 3 3962 5140 +81 3 3962 5942 yamagishi@uap.nipt.ac.jp	IAGA	YAMAZAKI, Professor Fumio University of Tokyo Inst of Industrial Science, 7-22-1 Roppongi, Minato-Ku, Tokyo, 106- 8558, JAPAN 81 3 3401 8142 81 3 3408 2666 yamazaki@iis.u-tokyo.ac.jp	UNION	YANG, Professor Zhixian China Seismological Bureau Institute of Crustal Dynamics, De Wai Xishanqi, Beijing, 100085, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	IASPEI
XIONG, Dr Xiong Chinese Academy of Science Inst. of Geodesy & Geophysics, 54 Xudong Road, Wuhan, Hubei, 430077, China 86 27 8678 3841 86 27 8678 3841 xxiong@asch.whigg.ac.cn	IASPEI	YAMAMOTO, Dr Kiyohiko Tohoku University Graduate School of Science, Aramaki-Aza-Aoba, Aoba-Ku, Sendai, 980 8578, Japan +81 22 2251950 +81 22 2643292 yama@aob.geophys.tohoku.ac.jp	IASPEI	YAMAZAKI, Yasuhiro H University of Toronto Department of Physics, 60 St. George Street, Toronto, Ontario, M55 1A7, Canada +1 416 978 2661 hiro@atmosph.physics.utoronto.ca		YAO, Dr Huaxia University of Tokushima 2-1 Minami-Josanjima, Tokushima, 770-8506, Japan 81-88-6569407 81-88-6567333 yao@ce.tokushima-u.ac.jp	IAHS*
XU, Dr Guochang Kort & Matrikelstyrelsen Geodetic Dept, Rentemestervej 8, Copenhagen NV, DK-2400, Denmark +45 3587 5050 +45 3587 5052 gx@kms.dk	IAG	YAMANAKA, Dr Yoshiko University of Tokyo 1-1-1 Yayoi, Bunkyo-Ku, Tokyo, 113-0032, JAPAN 81 3 3814 5507 81 3 3814 5507 sanchu@eri.u-tokyo.ac.jp	IASPEI	YAN, Dr Zhongwei Inst. of Atmospheric Physics Cru, Env, University of East Anglia, Norwich, Norfolk, NR4 7TJ, UK z.yan@uea.ac.uk	IAGA	YAO, Dr Yupeng NNSF Eastgate, 35 Huayuanbeilu, Hadian District, Beijing, 100083, China (+8610) 6202 6376 (+8610)6202 6361 yaoy@rose.nsf.gov.cn	
XU, Dr Peiliang Kyoto University Disaster Prevention Research, Institute, UJI, Kyoto, 611-0011, Japan 81 774 38 4222 81 774 38 4239 pxu@rcep.dpri.kyoto-u.ac.jp	IAG	YAMANOUCI, Professor T. Nat. Inst. of Polar Research 1-9-10 Kaga, Itabashi-Ku, Tokyo, 173 8515, Japan 81 3 3962 5680 81 3 3962 5701 yamanou@pmg.nipr.ac.jp	IAMAS	YAN, Dr Zhongwei Inst. of Atmospheric Physics QI JIA HUO ZI, Beijing, 1000 29, UK (86) 10 620 1268 yzw@ast590.tea.ac.cn	IAGA	YAREMCHUK, Dr Maxim Iprc University of Hawaii Iprc/Soest, Honolulu, HI 56822, USA +1 808 956 6724 maxy@soest.hawaii.edu	IAPSO
XU, Professor Baoxiang Chinese Academy of Met. Sci. 46 Baishigiao Road, Haidian District, Beijing, 100081, China 86 10 68406738 86 10 62175931 cams@public.bta.net.cn		YAMAOKA, Professor Koshun Nagoya University Research Ctr. for Seismology, and Volcanology, School of Sci, Chikusa, 464-8602, Japan 81 52 789 3034 81 52 789 3047 yamaoka@seis.nagoya-u.ac.jp	IAVCEI	YANG, Dr Jiayan Woods Hole Oceanographic Inst. Dept. of Physical Oceanography, Ms#21, Woods Hole, MA 02543, USA 508 289 3297 508 457 2181 jyang@whoi.edu	IAPSO	YASUHARA, Masaya The Geological Survey of Japan 1-1-3 Higashi, Tsukuba, Ibaraki, 305-8567, Japan 0081 29854 3792 0081 29854 3533 masaya@gsj.go.jp	
XU, Professor Caijun Wuhan Tech. Univ. Surv. & Map. School of Geosc. & Surveying E, 129 Luoyao Road, Wuham, 430079, China cjxu@hpbl.wtusm.ed.cn	IAG	YAMASAKI, Professor M University of Tokyo Dept. of Earth & Planet. Phys., School of Sciences, 731 Hongo, Bunkyo-Ku, Tokyo, Japan 81 3 5841 4299 81 3 3818 3247 yamas@geoph.s.u-tokyo.ac.jp	IAMAS	YANG, Dr Shi-Keng RDC/CPC/NOAA 5200 Auth Road. RM 800, World Weather Building, W/NP53, Camp Springs, 20746, USA 301 763 8000 X7559 301 763 8125 sk.yang@noaa.gov	IAMAS	YASUI, Dr Maya Nihon University 3-25-40, Sakura-Josui, Tokyo, 156-8550, Japan 81 3 5317 9726 81 3 5317 9430 yasui@chs.nihon-u.ac.jp	IAVCEI
XU, Professor Wenyao Cinese of Academy of Sciences Inst. of Geophysics, Beijing, 100101, China 086 010 64889071	IAGA	YAMASHITA, Mr Futoshi Disaster Prevention Res. Inst. Gokasho, Uji, Kyoto, 611-0011, Japan +81 774 38 4218 +81 774 38 4239 futoshi@rcep.dpri.kyoto-u.ac.jp		YANG, Gui-Ying University of Reading Department of Meteorology, PO Box 243, Reading, RG6 6BB, UK 0118 9318316 swsyang@met.rdg.ac.uk	IAMAS	YAU, Dr Andrew University of Calgary Dept. of Physics and Astronomy, 2500 University Dr. Nw, Calgary, T2N 1N4, Canada +1 403 282 5016 yau@phys.ucalgary.ca	IAGA

YE, Professor Shuhua IAG Shanghai Astronomical Observ. Chines Academy of Sciences, 80 Nandan Rd., Shanghai, 200030, China 86 21 643 86 191 86 21 643 84 618 ysh@center.shao.ac.cn		YODEN, Dr Shigeo IAMAS Kyoto University Dept. of Geophysics, Kyoto, 606-8502, Japan +81 75 753 3932 +81 75 753 3715 yoden@kugi.kyoto-u.ac.jp		YOSHIKI, Mr Motoyoshi IAMAS Kyoto University Dept. Geophysics/Fac. of Sci., Oiwake Cho, Kitashirakawa, Sakyo Ku, Kyoto, 606-8502, Japan +81 75 753 3936 +81 75 753 3715 yoshiki@kugi.kyoto-u.ac.jp	YU, Mr Yupeng IAGA Chinese Academy of Sciences Inst. of Geophysics, PO Box 9701, Beijing, 100101, China 0086 10 64889026 0086 10 6487 1995 bchuang@mail.c-geos.ac.cn
YEE, Dr Jeng-Hwa IAGA Johns Hopkins University Applied Physics Laboratory, Johns Hopkins Road, Laurel, Maryland, 20723-6099, USA 1 240 228 6206 1 240 228 6670 jeng-hwa_yee@jhuapl.edu		YOSHIDA, Dr Akio IASPEI MET. Research Institute Nagamine 1-1, Tsukuba, 305 0052, Japan +81 298 53 8675 +81 298 51 3730 ayoshida@mri-jma.go.jp		YOSHINO, Dr Taizoh IAG Communications Research Lab. 4-2-1 Nukui-Kitamachi, Koganei-Shi, Tokyo, 184-8795, Japan +81 42 327 7560 +81 42 327 6077 yosh@crl.go.jp	YU, Professor Xueyuan IAVCEI Guangzhou Inst. of Geochem. Guangzhou, Guangdong, 510 640, China +86 20 855 19255 +86 20 855 14130 yuxy@gig.ac.cn
YEH, Dr Huey-Ching IAGA National Central University Institute of Space Science, Chung-Li, 32054, Taiwan 886 3 422 7151 EXT.7645 886 3 422 7204 yeh@jupiter.ss.ncu.edu.tw		YOSHIDA, Dr Haruyo IAGA Hokkaido University 47-11 Bunkyo-dai-Minami, Ebetsu, 069 0835, Japan 011 386 2081 011 386 2081 yoshida@econ.hokudai.ac.jp		YOSHIOKA, Ms Mayumi IAMAS RIST 1-18-16, Hamamatsucho, Minato-Ku, Tokyo, 105-0013, Japan +81 3 3436 5271 +81 3 3436 5274 yoshioka@tokyo.rist.or.jp	YUAN, Dr Dongliang IAPSO USRA 7501 Forbes Blvd., Suite 103, Seabrook, Maryland, 20706-2253, USA 001 301 352 2110 001 301 352 0143 dyuan@janus.gsfc.nasa.gov
YEH, Professor Harry IAPSO/IASPEI University of Washington Dept. of Civil & Environmental, Engineering/Box 352700, Seattle, Washington, 98195-2700, USA +1 206 685 8655 +1 206 685 3836 harryeh@u.washington.edu		YOSHIDA, Dr Hiromu IAHS University of Tokushima 2-1 Minami-Joshima, 770-8506, Tokushima, 770 8506, Japan +81 886 56 9408 +81 886 56 7333 hiro@ce.tokushima-u.de.jp		YOSHIOKA, Professor Naoto IASPEI Yokohama City University Seto 22-2, Kanazawaku, Yokohama, 236-0027, Japan ++81 45 787 2344 ++81 45 787 2344 yoshi@yokohama-cu.ac.jp	YUAN, Dr Xiaojun IAPSO Lamont-Doherty Earth Observ. 61 RT 9W, Ldeo, Palisades, New York, 10964, USA 914 365 8820 914 365 8736 xyuan@ideo.columbia.edu
YEH, Professor Yih-Hsiung IASPEI Academia Sinica PO Box 1-55, Nankang, Taipei, Taiwan 886 2 27839880 886 2 27883493 yehyh@earth.sinica.edu.tw		YOSHIDA, Dr Jiro IAPSO Tokyo University of Fisheries Department of Ocean Sciences, 4-5-7, Konan, Minato-Ku, Tokyo, 108-8477, Japan 0081-3-5463 0459 0081-3-5463 0453 jiroy@shiho.tokyo-u-fish.ac.jp		YOUNG, Dr Gordon IAHS Secretary General - lahs 170 Looijdijk, De Bilt, 3731 VB, The Netherlands +31 30 22 11 593 +31 30 254 3163 44iahs@wlu.ca	YUAN, Professor Yaochu IAPSO Second Institute Oceanography PO BOX 1207, Hangzhou, 310012, China 0086 0571 807 6924 0571 8071 5039 yuanyc@zbg.com.cn
YELLES CHAOUCHE, Karim IASPEI/UNION CRAAG BP 63 Bouzareah, Algiers, 904458, Algeria 90 44 54 /55/56 kyelles@yahoo.az		YOSHIDA, Dr Mario IAVCEI Hokkaido University 5-1-210, KITA-32, Higashi-1, Higashi-Ku, Sapporo, 060-0810, Japan +81 11 743 3422 +81 11 743 3422 mario@cosmos.sci.hokudai.ac.jp		YOUNG, Mr John IASPEI AWE Blacknest Brimpton, Reading, Berks., RG7 4RS, UK 0118-982-6292 0118-982-5328	YUCEL, Mr Ismail IAMAS The University of Arizona Department of Hydrology & Water Resources, Tucson, Arizona, 85721, USA 1 520 6211378 1 520 6211422 yucel@hwr.arizona.edu
YEOMAN, Mr Tim Leicester University University Road, Leicester, LE1 7RH, UK 0116 252 240000		YOSHIDA, Dr Shingo IASPEI ERI, University of Tokyo 1-1-1 Yayoi, Bunkyo-Ku, Tokyo, 113-0032, Japan +81 3 5841 5814 +81 3 5689 7234 shingo@eri.u-tokyo.ac.jp		YOUNG, Professor R Paul IASPEI Keele University Department of Earth Sciences, Keele, Staffordshire, ST6 5LN, UK 01782 583180 01782 711076 r.p.young@keele.ac.uk	YUMOTO, Professor K IAGA Kyushu University Dept of Earth & Planetary Sci., 6-10-1 Hakozaki, Fukuoka, 812-8581, Japan 81-92-642-2673 81-92-642-2685 yumoto@geo.kyushu-u.ac.jp
YI, Dr Yuchan IAG Ohio State University Dept Cl. & Env. Eng. & Geod, 470 Hitchcock Hall, 2070 Neil Ave., Columbus, Ohio, 43210-1275, USA 614 292 6005 614 292 2957 yi.3@osu.edu		YOSHIHARA, Mr Takayuki IAMAS Kyoto University Radio Atmospheric Sci. Center, Gokasho, Uji, Kyoto, 611 0011, Japan +81 774 38 3849 +81 774 31 8463 yoshihara@kurasc.kyoto-u.ac.jp		YUNEV, Oleg IAPSO Inst. Biology of Southern Seas 335011, Av2 Nakhimov, Sevastopol, 335011, Ukraine	
YI, Professor Yu IAGA Chungnam National University Dept. of Astronomy & Space, Science, Daejeon, 305 764, South Korea 82 42 821 5468 82 42 822 8380 EUYIYU@HANBAT.CHUNGNAM.AC.KR		YOSHIKAWA, Dr Akimasa IAGA Hakozaki 6-10-1, Higashi-Ku, Fukuoka, 812-8151, 812-8581, Japan +81 92 642 2671 +81 92 642 2685 yoshi@geo.kyushu-u.ac.jp		YUNGA, Dr Sergei IASPEI Inst. of Physics of The Earth B. Gruzinskaya, 10, Moscow, 123810, Russia (7 095) 2545350 (7 095) 2556040 syunga@uipe-ras.scgis.ru	
YLINIEMI, Dr Jukka IASPEI University of Oulu Sodanbyla Geophysical Observa., Oulu, 90570, Finland +358 8 5531 390 jyl@label.oulu.fi		YOSHIKAWA, Mr Yutaka IAPSO Kyoto University Kitashirakawa Oiwaktyo, Sakyo-Ku, Kyoto, 6068502, Japan +81 75 753 3924 +81 75 753 3928 yosikawa@kugi.kyoto-u.ac.jp		YU, Mr Sheng IAGA Chinese Acaemy of Sciences Inst. of Geophysics, PO Box9701, Beijing, 100101, China 0086 10 6488 9026 0086 10 6487 1995 bchuang@mail.c-geos.ac.cn	YURTSEVER, Mr Yuecel IAHS IAEA Wranger Strasse 5, PO Box : 100, Viennaag, A-1400, Austria 43 1 2600 21732 43 1 26007 y.yurtsever@iaea.org

YVON LEWIS, Dr Shari NOAA/AOML 4301 Rickenbacker Cswy, Miami, Florida, 33149, USA 1-305-361-4441 1-305-361-4392 shari.yvon-lewis@noa.gov		ZEKTSER, Professor Igor IAHS Water Problems Institute Russian Academy of Sciences, Komsomol'skiy Prospekt 23/7, KV63, Moscow, 119146, Russia 7095 246-9485 7095 135-5415 kontar@cityline.ru	ZHANG, Mrs Fengjie IAMAS China Assoc. for Sci. & Techno 3 Fuxing Road, Beijing, Prc, 100863, China 8610 6851 8822-22209 8610 6857 1897 cast@public.bta.net.cn	ZHDANOV, Professor M IAGA University of Utah Dept of Geology And Geophysics, 135 South 1460 East, Rm. 719, Salt Lake City UTAH, 84112, USA 801 581 7750 801 581 7065 mzhdanov@mines.utah.edu
ZADOROZHNY, Dr Alexander IAGA Novosibirsk State University Pirogova 2, Novosibirsk, 630090, Russia 7 3832 397859 7 3832 397101 zadorozh@phys.nsu.ru		ZENG, Dr Ning IAMAS NASA/GSFC Code 913, Climate & Radiation Branch, Greenbelt, Maryland, 20771, Usa 301 614 6424 301 614 6420 zeng@climate.gsfc.nasa.gov	ZHANG, Professor Dongning IASPEI China Seismological Bureau Institute of Geophysics, 5 Minzuxueyuan Nanlu, Hadian, Beijing, 100081, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	ZHONG, Dr Wenyi IAMAS Imperial College, London, UK Space & Atmospheric Phy. Grp., Department of Physics, London, SW7 2BZ, UK 0171 594 7977 0171 594 7900 w.zhong@ic.ac.uk
ZAITZEV, Alexander IAGA IZMIRAN Troitsk, Near Moscow, 142092, Russia		ZENG, Professor Rongsheng IASPEI China Seismological Bureau Institute of Geophysics, 5 Minzuxueyuan Nanlu, Haidian, Beijing, 100081, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	ZHANG, Professor Keke IAGA University of Exeter School of Mathematical Scienc., Exeter, EX4 4QE, UK 01392 263993 01392 263997 kzhang@exeter.ac.uk	ZHONG, Professor Qing IAMAS Chinese Academy of Sciences Inst. of Atmospheric Physics, Beijing, 100029, China 86 10 0204 45 398 86 10 62028604 shongq@sjtos.iap.ac.cn
ZANG, Professor Shao Xian IASPEI Peking University Dept. of Geophysics, Beijing, 100 871, China 86 10 62752182 82 10 62754294 sxzang@pku.edu.cn		ZERBINI, Professor S IAG University of Bologna Dipt. Fisica / Settore Geof., Viale Berti Pichat 8, Bologna, 40127, Italy +39 051 2095019 +39 051 2095058 zerbini@astbo1.cnr.it	ZHANG, Professor Qingyun IAMAS Chinese Academy of Sciences Institute of Atmospheric Phys., Beijing, 100029, China 086 10 62043356 086 10 62043526 gxwu@lasgsgi4.iap.ac.cn	ZHOU, Professor Shijian IAMAS China Meteorological Press 46, Baishiqiao Road, Haidian District, Beijing, 100081, China 010-68407092
ZATELLI, Mr Paolo IAG Universita' di Trento Dica, Via Mesiano 77, Trento, 38050, Italy 0039 0461 882618 0039 0461 882672 paolo.zatelli@ing.unitn.it		ZESTA, Dr Eftyhia IAGA UCLA UCLA-Atmospheric Science, 7127 Math Sciences, Box 961565., Los Angeles, CA90095, USA (310)206-7428 (310)206-5219 ezesta@atmos.ucla.edu	ZHANG, Professor Tao IAVCEI China Academy of Sciences 3 Fuxing Road, Beijing, 100864, China 8610 685 97 430 8610 685 71 897 cast@public.bta.net.cn	ZHOU, Shuntai IAGA NOAA/NCEP/CPC 5200 Auth Road, Rm 808, Washington, DC 20233, USA +1 301 763 8071 WD5358@SUNL.WWB.NOAA.GOV
ZATMAN, Dr Stephen IAGA Univ. of California, Berkeley Dept. of Geology & Geophysics, 377 Mccone Hall, Berkeley, CA, 94720, USA +1 510 642 6331 +1 510 643 9980 zatman@seismo.berkeley.edu		ZHA, Professor Ming IAG Xian Technical Division Surveying & Mapping, 36 Xiyinglu, Xi'an, 710054, China	ZHANG, Professor Yanbin IASPEI China Seismological Bureau Wuhan Institute of Seismology, Wuchang Xiaohongshan, Wuhan, 430071, China +86 10 8801 5514 +86 10 6821 0995 wangzq@cap.ac.cn	ZHU, Dr Xun IAMAS John Hopkins University Applied Physics Laboratory, 111000 John Hopkins Rd, Laurel, Maryland, 20723-6099, USA 443-773-8764 443-778-6670 xzhu@grant.jhuapl.edu
ZAVIALOV, Dr Peter IAPSO Shirshov Inst. of Oceanology Nakhimovsky Prospect 36, Moscow, Russia (7 095) 124 5994 (7 095) 125 5983 peter@lpi.ru		ZHAN, Dr Xiwu UNION University of Maryland Department of Geography, Collage Park, Maryland, 20742, USA 301 405 7168 301 314 9299 xzhan@geog.umd.edu	ZHAO, Dr Guoze IAGA China Seismological Bureau Institute of Geology, De Wai Qijiahuozi, Beijing, 100029, China 86 10 6200 9065 86 10 6205 0634 wangzq@cap.ac.cn	ZHU, Mr Rixiang IAGA Chinese Academy of Sciences Inst. of Geophysics, PO Box 9701, Beijing, 100101, China 0086 10 6488 9026 0086 10 6487 1995 bchuang@mail.c-geos.ac.cn
ZAYUOCHEK, Dr Andrew IAG Vnii Okeangeologia Augliiski Ave. 1, St. Petersburg, 0190121, Russia +7(812)210 9454 +7(812)114 2088 andrew@vnioi.nw.ru		ZHANG, Dr Huqiang IAMAS ANSTO Environment Division, Pmb 1, Menai NSW 2234, Australia +61 2 9717 9360 +61 2 9717 3599 hzx@ansto.gov.au	ZHAO, Dr Qingyun IAMAS EMC/NCEP/NOAA 5200 Auth Road, WWB Room 207, Camp Springs, Maryland, MD 20746, USA +1 301 763 8000 EXT 7274 +1 301 763 8545 wd20cl@next4.www.noaa.gov	ZHU, Professor Chuanzhen IASPEI Seismological Bureau Institute of Geophysics, 5 Minzu Xueyuan Nan Road, Beijing, 100081, CHINA 86 010 684 153 77 86 010 684 153 72 zhucz@ihw.com.cn
ZEGGAI, Dr Ali IAG Nat. Cen. of Spatial Techques Geodetic Laboratory Bp13, Arzew, 31200, Algeria 213 6 472580 213 6 473454		ZHANG, Dr Keifei IAG University of Nottingham lessg, Nottingham, NG7 2RD, UK 44(0) 115 951 3921 44(0) 115 951 3881 keifei.zhang@nottingham.ac.uk	ZHAO, Dr Xuepu IAGA Stanford University Hepl Annex, B204, Stanford, California, 94305-4085, USA 1-650-725-0474 1-650-725-2333 zhao@quake.stanford.edu	ZHU, Professor Yaozhong IAG Chinese Academy of Sciences Inst. of Geodesy & Geophysics, 54 Xudong Road, Wuham, 430077, CHINA 0086 27 86783925 0086 27 86783841 zyz@asbh.whigg.ac.cn
ZEIGARNIK, Professor V IASPEI Ivtan-Association 13/19 Izhorskaya Str., Moscow, 127412, Russia +7 095 4832275 +7 095 4842222 zeig@termo.msk.su		ZHANG, Mr Jindong IAMAS Chinese Academy of Sciences 3 Fuing Road, Beijing, 100863, China 8610 685 782 83 8610 685 718 97 cast@public.bta.net.cn	ZHAO, Professor Zhenhua IAVCEI Chinese Academy of Science Guangthou Institute of Geochem, Guangthou, China 8620 87540604 8620 87540604 zhaozh@gig.ac.cn	

ZHU, Professor Yueqing Lab. Intelligent Prognostics Center for Analysis & Pred., Fuxing Ave. No. 6, Po Box 166, Beijing, 100036, China 0086 10 62541985 0086 10 88015345 zhuyq@sun.ihep.ac.cn	IASPEI	ZOLLO, Professor Aldo UNIV. of Naples "Federico II" Dipartimento Scienze Fisiche, Mostra D'oltremare, Pad 16, Napoli, 80125, Italy 00 39 081 7253307 00 39 081 7253449 aldo.zollo@na.infn.it	IASPEI
ZHUANG, Mr Su Ming Chinese Meteorological Society 46, Bai Shigias Road, Beijing, 100081, China (010)68406271 (010)68406821	IAMAS	ZONG, Dr Qiugang MPI Fuer Aeronomie Katlenburg-Lindau, D-37191, Germany 0049 5556 979 224 0049 5556 979 240 zong@linmpi.mpg.de	IAGA
ZIEHMANN, Christine University of Potsdam Potsdam, Germany 00331 977 1302 chriss@agnld.uni-potsdam.de	IAMAS	ZONG, Dr Yongqiang University of Durham Department of Geography, South Road, Durham, England, DH1 3LE, UK 0191 3747404 0191 3742456 Y.Q.Zong@durham.ac.uk	
ZIELINSKI, Professor J Space Research Centre Polish Academy of Sciences, Ul. Bartycka 18a, Warsaw, PL-00-716, Poland +48 22 8511808 +48 22 8511812 jzb@cbk.waw.pl	IAG	ZSCHAU, Professor Jochen IASPEI/IAVCEI GFZ Potsdam POTSDAM, D-14473, Germany +49331 288 1200 +49331 288 204 zschau@gfz-potsdam.de	
ZILBERSTEIN, Dr Oleg Hydrometeocentre Rf B. Predtechenskiy PEZ, 9-13, Moscow, 123242, Russia 7 095 255 2296 7 095 127 0470 infomar@orc.ru	IAPSO	ZUIDEMA, Mr Floris Netherlands Committee Ihp/Ohp Park Arenberg 5, De Bilt, 3731 En, The Netherlands +31 30 2200715 +31 30 2210923	IAHS
ZIMANOWSKI, Dr Bernd Universitaet Wuerzburg Institut Fuer Geologie, Pleicherwall 1, Wuerzburg, D-97070, Germany +49 931 312378 +49 931 312378 zimano@geologie.uni-wuerzburg	IAVCEI	ZVERYAEV, Dr Igor IPRC-SOEST 1000 Pope Road, MSM 227, Honolulu University of Hawaii, Hawaii, HI 96822, USA +1 808 9569534 +1 808 9569425 igorz@soest.hawaii.edu	IAMAS
ZIMMER, Dr Christophe U.C.L.A. 6844B Slichter, Los Angeles, California, 90095 1567, USA 1 310 825 1995 1 310 206 8042 czimmer@igpp.ucla.edu	IAGA	ZWING, Alexander Institut Für Geophysik Institut Für Allg. & Angew., Theresienstr. 41, München, 80333, Germany 0049 89 2394 4237 0049 89 2394 4205 azwing@magbakt.uni-muenchen.de	IAGA
ZIVCIC, Mr Mladen Geophysical Survey Slovenia Observatory, Pot Na Golover 25, Ljubljana, Si 1000, Slovenia +386 61 1863145 +386 61 1405370 mladen.zivcic@uni-lj.si	IASPEI	ZRYRANOVA, Ms Olga Institute of Ionosphere Kamenskoe Plateau, Almaty, 480020, Kazakhstan +7 3272 548074 +7 3272 650993 angel@ionos.alma-ata.su	
ZLOTNICKI, Dr Jacques LGO-CNRS 3D Av De La Recherche, Scientifique, Orleans Cedex 02, 45071, France 33 2 38255241 33 2 38257650 jacques.zlotnicki@inris-orleans.fr	IAGA		
ZOLFAGHARI, Mohammad Applied Insurance Research 23 Alie Street, London, E1 8DS, UK 0171 488 6217 0171 488 6211			