

International Association of Meteorology and Atmospheric Sciences **IAMAS Annual Report 2005 to IUGG**

Two key activities characterize 2005: 1) The IAMAS General Assembly, held in Beijing, 2-11 July, and the formulation of the Scientific Program for the IUGG (IAMAS). Assembly in Perugia, 2-13 July, 2007. Other activities rounded out the year 2005.

1. The IAMAS General Assembly, Beijing, 2-11 August

This main IAMAS conference was organized by the Chinese Academy of Sciences and the China Meteorological Organization, with strong support from the political authorities and the leading scientific organizations. It consisted of 43 regular symposia (3 with the Union Commission of Cryosphere Sciences, UCCS) and 2 special events: the honoring of Senior Academician Prof. Ye Duzheng and the review of the status of the IPCC report. It was attended by 841 scientists from 54 countries who submitted ~1377 abstracts and presented papers.

The Assembly was a full success, judging from the comments received. There is no question that the LOC under the outstanding leadership of Academician Prof. Wu Guoxiong [IAMAS VP], assisted by Prof. Jianping Li, the legendary Jenny Lin and many others did a superb job.

SG and DSG visited China in March for matters relating to scheduling of the Assembly and grant allocation.

2. The Scientific Program for the IUGG (IAMAS) Assembly in Perugia, 2-13 July, 2007

IAMAS EC had a special meeting in Beijing, drafting the general scientific program for the Perugia conference. This formed the basis for the final IAMAS list of symposia for the IUGG program. This program was also the issue in a meeting of the IUGG Program Committee in Perugia, September 2005, which dealt mainly with Union and Joint Symposia (with other Associations). The following components comprise the events for which IAMAS is responsible: (i) Two Union Symposia, (ii) two special IUGG events (the newest IPCC Report and the Joint IUGG/WMO Assessment Report on the Effects of Pollution on Precipitation, (iii) 30 Joint Symposia [5 of which are organized by the UCCS] and (iv) 21 IAMAS Symposia].

The extended IAMAS EC and the selected Conveners are to be thanked for providing the substantive parts of the program.

3. Assessment of Effect of Pollution on Precipitation

The Joint IUGG/WMO *International Aerosol-Precipitation Science Assessment Group, IAPSAG*, suffered by the death of its Chair, Prof. Peter Hobbs, who sacrificed so much of his remaining precious time for the scientific cause. The slowdown of the progress, however, was kept to a minimum since the VP of IAPSAG, Prof. Zev Levin, Israel, was ready to take over, together with Prof. William R. Cotton, USA, as the new VP. This led to a review of the status of the Report and a WMO-sponsored meeting in November/December in

Toronto. This face-to-face encounter proved to be very efficient, and discussions of the different chapters gave a feel about where we are and where we should go. SG expressed his worries about ending up with a textbook on rain formation and not with a critical assessment of the refereed papers addressing the issues at hand.

Once the report is in a more final stage, then an independent review committee will be formed by Dr. George Isaac, Canada. A meeting of this Committee will be sponsored by IAMAS.

4. EC Meetings

The IAMAS EC meeting in July in Beijing decided that a revision of part of the Statutes would be advisable, particularly in view of financial issues. IAMAS will also explore the possibility of membership in GEOSS.

IAMAS learned with regret that its EC at-Large Member, Dr. Vladimir Ivanovici of Romania had passed away,

The President and SG attended the EC meeting of the IUGG in September in Perugia, where the Assembly venues for 2007 were visited.

5. Commission Meetings

The Middle Atmosphere Commission, ICMA, organized a series of workshops and co-sponsored several symposia at the tenth IAGA Scientific Assembly 18-29 July, 2005, in Toulouse, France

6. IAMAS Representation

The IAMAS **President** served as IUGG representative to the Scientific Committee for Oceanic Research, SCOR, and was a member of the planning committee for the ICSU workshop on the Significance to Society of Potential Impacts by Comets and Asteroids.

He provided the liaison to the Joint Scientific Committee (JSC) of the World Climate Research Programme (WCRP). On behalf of both SCOR and IAMAS, he participated in the WCRP/JSC meeting in Guayaquil, Ecuador, in March of 2005. He also served as the major IAMAS link with IPCC, and presented IAMAS interests, particularly in view of the 4th Assessment Report by WG I. He took the lead in planning and inviting IPCC members to actively participate in the IAMAS 2005 Beijing Assembly as well as in the IUGG Assembly in Perugia 2007.

He also met with the US National Committee for the IUGG and discussed, among others, IAMAS election issues.

In May **SG** represented IAMAS at the WMO meeting of the WG on the Physics and Chemistry of Clouds and Weather Modification. In June he participated in the WMO EC Meeting in Geneva and had discussions with the newly formed Secretariat of GEOSS.

7. IAMAS Web site/Newsletter

Deputy SG John Turner and Gareth Marshall, also from the British Antarctic Survey, deserve the credit for the IAMAS Webpage and the creation

and publication of the first two issues of what are to be semiannual IAMAS newsletters.

8. Finances

The 2005 funding of IAMAS consisted of two components: the “standard” annual contribution by IUGG of ~ \$ 29600 and the head tax of \$ \$ 25080 collected from the registering participants of the Beijing Assembly 2005. This allowed distribution of grants for participants from needy countries as well as for young scientists of \$ 63 400. \$5000 of this amount was contributed by WMO. The year 2005 ended with a financial loss of ~ \$ 6600, leaving assets of ~ \$ 252000 for 2006.

It should be mentioned that IAMAS contributed \$3000 to the Union Commission of Cryosphere Science, UCCS, for start-up expenses.

Dr. MacCracken, President, and Dr. John Turner, Deputy Secretary General, were fully supported by their home institutions, the US National Science Foundation and the British Antarctic Survey, respectively, SG was partially supported by the Meteorological Service of Canada, the China Meteorological Administration, the WMO, and the Canadian National Science and Engineering Research Council through his personal grants. All these organizations deserve our thanks.

9. Comments

2005 is characterized by the success of the IAMAS Assembly Beijing 2005 and the exciting program produced for Perugia 2007. On the positive side are also the substantial contributions by the DSG Dr. Turner, which considerably reduced SG’s workload. The cordial relations within the Bureau, with the Past President, the Members at Large, the Commission Presidents and Secretaries, and the Officers of IUGG and the Sister Associations were very much appreciated. The deep strength of IAMAS is obvious again and again considering that the leaders of the atmospheric science community are guiding the programs and symposia and provide stimulating venues for the many exiting papers. The vigor of the “working scientists” bodes well for the future of the atmospheric sciences and its value for governments and societies.

SG owes particular thanks to Dr. JoAnn Joslyn, IUGG SG, who was always available to provide guidance. The collaboration with the Program Chair of the Perugia Assemblies 2007, Prof. Paola Rizzoli, is a stimulating pleasure.

Toronto, 8 March 2006

Roland List, SG IAMAS.