

## IAHS short Report for the Year 2001

For IAHS the main event of the year 2001 has been the Sixth Scientific Assembly, held at Maastricht (The Netherlands) from 18 to 27 July 2001, the overall theme of which was: “*A New Hydrology for a Thirsty Planet*”. At Maastricht, the President-elect Kuni Takeuchi became President in place of John Rodda who became Past-President. Four Symposia and seven workshops were organized, the reports of which can be found on the IAHS Web site, and about 400 hundred participants attended. Apart from the scientific events, a lot of discussions occurred in the General Assembly, Bureau and Commissions Meetings. It appeared that the activities of the IAHS should be more linked to the major international scientific programmes, where IAHS would appear as an advisor for all hydrological issues. The “*Maastricht Manifesto*”, which underlines the important role of Hydrological Science in solving the world's water problems, was adopted. IAHS, together with UNESCO and WMO, awarded Igor Shiklomanov (Russia) the International Hydrological Prize and presented the Tison Award for young scientists to Linda See (UK). The General Assembly approved the creation of a *Joint IAHS/IAPSO Joint Commission on Groundwater-Seawater Interactions* and the adhesion of IAHS to the *IWA/IAHR/IAHS Joint Committee on Hydroinformatics*. Two new working groups were launched:

*Hydrology 2020 Working Group*, which is composed of twelve young hydrologists from all over the World, nominated by IAHS Commissions, UNESCO and WMO, is to discuss issues relevant to the future development of hydrology in the forthcoming twenty years. This group met for the first time on January 23 for a two and a half day workshop in Edinburgh, Scotland. It will contribute to the UNESCO/IAHS Kovacs Colloquium in June in Paris and will deliver a provisional report next year in Sapporo.

*Prediction of Ungauged Basins (PUBs) Working Group*. PUBs is an international research initiative to promote the development of science and technology to provide hydrological data where the ground based observations are needed but missing. PUBs consists of theoretical hydrology, remote sensing, in situ observations and modelling of the quantity and quality of hydrological phenomena, together with capacity building for the people in need so that they can really use the advanced science and technology and predict the hydrological phenomena for the basins where they are concerned. PUBs is a connectivity for existing programmes inside and outside IAHS and provides a forum, network and the framework for integration.

In 2001, about 40 scientific events were organized or sponsored by IAHS. We will quote only some of them : SWICA-M<sup>3</sup>—First International Conference on Saltwater Intrusion and Coastal Aquifers: Monitoring, Modelling and Management (Essaouira, Morocco, 23–25 April 2001), Challenges of Water Resources Management in the Developing Countries in the 21st Century ( Visakhapatnam, India, 6–10 May 2001), The Second Asian Conference on Water and Wastewater Management (Tehran, Iran, 8-9 May 2001), OH2: Symposium on the Origins and History of Hydrology from the Origins to the Present (Dijon, France, 9-11 May 2001), Frontiers in Urban Water Management : Deadlock or Hope ? (Marseille, France, 18-20 June 2001), Groundwater Quality 2001: Third International Conference (Sheffield, UK, 18-21 June 2001), Inter-Association Symposia IAMAS/IAHS Assessment of Liquid Precipitation from Convective Systems (Innsbruck, Austria, 10-18 July 2001) in the framework of the IAMAS 8<sup>th</sup> Scientific Assembly, International Conference on Hydrological Challenges in Transboundary

Water Resources Management (Koblenz, Germany, 25-27 September 2001), International Workshop on Applications of Remote Sensing in Hydrology (Montpellier France, 2-5 October 2001), Fifth International Symposium on Hydrological Applications of Weather Radar Hydrology (Kyoto, Japan 19-22 November 2001), International Workshop Non-Structural Measures for Water Management Problems ( London, Canada, 18-20 October 2001), International Workshop on Environmental Risk Assessment of Pesticides and Integrated Pesticide Management in Developing Countries (Kathmandu, Nepal 6-9 November 2001).

In 2001 IAHS Press published six issues of the Hydrological Science Journal, including a special issue “*Can Science and Society Avert the World Water Crisis in the 21<sup>st</sup> Century*”. Four issues of the IAHS Newsletter have also been published and widely disseminated free of charge, both as hardcopies and on the Web. IAHS Press also published six “Red Books”

Hydro-ecology: Linking Hydrology and Aquatic Ecology, Edited by M. C. Acreman, IAHS Publication no. 266

Remote Sensing and Hydrology 2000, Edited by Manfred Owe, Kaye Brubaker, Jerry Ritchie & Albert Rango, IAHS Publication no. 267

Regional Management of Water Resources , Edited by A. H. Schumann, M. C. Acreman, R. Davis, M. A. Marino, D. Rosbjerg & Xia Jun, IAHS Publication no. 268

Impact of Human Activity on Groundwater Dynamics, edited by Hans Gehrels, Norman E. Peters, Eduard Hoehn, Karsten Jensen, Chris Leibundgut, Gasper Griffioen, Bruce Webb & Willem Jan Zaadnoordijk , IAHS Publication no. 269

Soil–Vegetation–Atmosphere Transfer Schemes and Large-Scale Hydrological Models, Edited by A. J. Dolman, A. J. Hall, M. L. Kavvas, T. Oki & J. W. Pomeroy , IAHS Publication no. 270

Integrated Water Resources Management , edited by Miguel A. Mariño & Slobodan P. Simonovic, IAHS Publication no. 272

The IAHS TFDC (Task Force for Developing Countries) continued its action and distributed free of charge all IAHS publications (Hydrological Science Journal and the Red Books) to more than 60 selected Universities and Research Institutions of Africa, Asia, South-America and Eastern Europe.

IAHS and IUGG were represented at the Kick-Off Meeting (Kyoto, June 2001) of 3rd World Water Forum to be held in Kyoto, Shiga and Osaka Japan in March 2003 where they should have a significant presence. Finally IAHS actively contributed to the Preparation of the Sapporo XXIIIrd IUGG General Assembly to be held next year, and participated to the Meetings of the Scientific Committee (Sapporo, 30 July-2August 2001 ; San Francisco 9-10 December 2001).

P. Hubert, IAHS Secretary General  
Paris, 10 February 2002  
<http://www.cig.ensmp.fr/~iahs>