

INTERNATIONAL COMMISSION ON WATER RESOURCE SYSTEMS (ICWRS)

Status Report May 2011

Commission membership

Günter Blöschl President
Hubert Savenije Past President
George Kuczera Vice-President
Li-Liang Ren Vice-President
Andreas H. Schumann Vice-President
Nick van de Giesen Secretary

Associate members:

Saket Pande
Ross Woods
Kim Young-Oh
Barry Croke
Dan Rosbjerg
S.K. Jain
Junguo Liu (new)
Gil Mahé (new)

ICWRS Meetings

Every other year, there is either an IAHS Scientific Assembly or an IUGG General Assembly. In the years between assemblies, ICWRS organizes a symposium on Integrated Water Resources Management (IWRM).

The fifth ICWRS symposium was held in 2010 in Nanjing, China. This was a joint event, together with the 3rd International Symposium on Methodology in Hydrology, and was held at Hohai University, Nanjing, China, 19-21 November, 2010. The focus was 'Water Resources Sustainability in a Changing Environment'. The main organizer was ICWRS-VP Prof. Li-Liang Ren. The 5th International Symposium on Integrated Water Resources Management (IWRM). The objective was to bring together experts from different disciplines to present research results on describing hydrological cycle in a changing environment and discriminating among impacts caused by various factors, to exchange experiences about quantitative methodology for water resources assessment in a changing environment and eco-hydrological approach to water resources sustainability by balancing water for humans and nature, so that we ensure water security in a changing background. In addition to Prof. Li-Liang Ren, ICWRS Vice-President Prof. Andreas Schumann and Secretary Prof. Nick van de Giesen were present, chaired sessions, and presented papers. Additional information can be found at <http://shxy.hhu.edu.cn/TWRM5.htm>.

In 2011, the Commission is actively participating in several Symposia and Workshops. Specifically, ICWRS has the lead in:

H03 Risk in Water Resources Management, with main convenor Prof. G. Blöschl, co-organizers ICSW and ICWQ.

HW09 Revaluating system knowledge in water resources management, with main convenor Prof. N. van de Giesen, co-organized by ICWQ.

In addition, ICWRS was involved in the co-organization of:

JH01 GRACE, other remote sensing platforms and ground based methods for estimating multi-scale surface water budgets, groundwater system characterization and hydrological processes

JHW01 Integrated flood management

H01 Conceptual and modelling studies of integrated groundwater, surface water, and ecological systems

H04 Assessment of water quality under changing climate conditions

HW06 Expert judgement versus statistical goodness-of-fit for hydrological model evaluation

HW11 Water supply and water quality in large metropolitan areas and megacities

HW12 Quality and quantity aspects of green and blue water: Impact on agriculture, environment, energy and industry

HW13 Recent development of statistical tools for hydrological application

Website

The website (www.iahs-icwrs.org) has been made up-to-date

Nick van de Giesen, Secretary ICWRS