

INTERNATIONAL COMMISSION ON WATER RESOURCE SYSTEMS (ICWRS)

Status Report October 2012

Commission membership

Günter Blöschl President
Hubert Savenije Past President
George Kuczera Vice-President
Zongxue Xu 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
Gil Mahé
Alberto Montanari

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).

In 2011, the Commission actively participated in several Symposia and Workshops. Specifically, ICWRS had 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

In addition, ICWRS sponsors the annual WaterNet conference in Southern Africa. In 2011, the conference was held in Maputo, Mozambique, from 26 through 28 October. In 2012, the WaterNet conference will be held from 30 October through 2 November in Johannesburg, South Africa.

In 2012, an important activity concerned the co-sponsorship of the STAHY 2012 workshop in Tunis, on 1&2 October. ICWRS VP Andreas Schumann held an invited lecture with the title “Gumbel Distribution, ARMA, Copulas – The importance of stochastic tools for water management”.

For the 2013 IAHS conference in Gothenburg, a set of activities, including (co-) organization of symposia and workshops will be undertaken.

Website

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

Nick van de Giesen, Secretary ICWRS