

INTERNATIONAL COMMISSION ON WATER RESOURCE SYSTEMS (ICWRS)

Status Report July 2017

Commission membership

Alberto Montanari - President
Andreas Schumann - President-Elect
Barry Croke - Vice-President
Magdalena Rogger - Vice-President
Zongxue Xu - Vice-President
Alberto Viglione - Secretary

Associate members:

S.K. Jain, Alla Kolechkina, Ian Littlewood, Junguo Liu, Gil Mahé, Stephen Mallory, John Ndiritu, Ronald van Nooyen, Taha Ouarda, Saket Pande, Magdalena Rogger, Dan Rosbjerg, Jose Luis Salinas, Murugesu Sivapalan, Ross Woods, Kim Young-Oh

Description of activity June 2016 – June 2017

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 May 2016, ICWRS organised the 7th International Water Resources Management Conference in Bochum. The topic of the meeting has been “The spatial dimensions of water management - Redistribution of benefits and risks”. The conference was attended by over 100 participants from all over the world and, among other things, Patricia Gober gave the Peter Loucks Lecture for her outstanding contributions to the field of water resources assessment and management.

For June 2018, ICWRS is organising the 8th International Water Resources Management Conference in Beijing. The topic of the meeting will be “Innovative Water Resources Management under Changing Environment - Understanding Interactions and Making Balance between Humankind and Nature”.

ICWRS activity during the IAHS Scientific Assembly in Port Elizabeth

In July 2017, the Commission is actively participating in several Symposia and Workshops of the IAHS Scientific Assembly in Port Elizabeth.

Specifically, ICWRS has the lead in:

- **S1** - Water security and the food-water-energy nexus: drivers, responses and feedbacks at local to global scales, Conveners: Graham Jewitt, Barry Croke
- **W4** - Long-term evolution in catchment water quality, Conveners: Per Stålnacke, Barry Croke, Elango Lakshmanan, Xiaohong Chen

- **W12** - Water resources management and the competition/balance between humans and ecosystems (eco-hydrology), Conveners: Zongxue Xu, Alberto Montanari
- **W15** - Land use change impacts on water resources, Conveners: Magdalena Rogger, Graham Jewitt, Alberto Viglione, Michele Toucher

Statement on adaptation of water resources systems

After the meeting in Prague the Commission completed the statement “A Need for Action to Develop Water Resources Management Systems”. The statement is published at http://iahs.info/news/?news_id=137#.V1hGBJ7Oj0P and was already linked by several sister associations (see the announcement on the CUAHSI web site, <https://www.cuahsi.org/Posts/Entry/26925>)- Moreover, the statement was published on HSJ. The full reference of the paper is: Ceola, S., et al. Adaptation of water resources systems to changing society and environment: a statement by the International Association of Hydrological Sciences. Hydrological Sciences Journal, 2016, 61.16: 2803-2817..

Website

The website has been migrated to the new address <http://iahs.info/Commissions--W-Groups/ICWRS-Water-Resources-Systems.do>

Alberto Viglione, Secretary ICWRS