

Conference Venue

The conference takes place from May 18th to 20th, 2016 at the Campus of the Ruhr-Universität Bochum, the fifth largest university in Germany. The Ruhr-Universität Bochum (RUB) with its 20 faculties, RUBs disciplinary institutional units, is home to 5600 employees and over 42000 students from 130 countries. The host of the 7th IWRM-conference of IAHS-ICWRS is the Institute of Hydrology, Water Management and Environmental Engineering, one of the leading German Institutes of Hydrologic Engineering in Germany.

Bochum is located in North-Western Germany. The closest international airport is Düsseldorf (DUS). The city has very good railway and highway connections to other parts of Germany and neighbouring countries in Europe.

The Conference

Object and themes

This meeting, as part of the series of IWRM conferences organised by ICWRS, focuses on spatial aspects of water management. Since water is unevenly distributed in space and time, its storage and redistribution is a fundamental task of water management.

The spatial aspects, which will be discussed during this meeting, are extensive. The main topics of the presentations are:

1. Spatial aspects of water supply and the redistribution of benefits from water
2. Floods and spatial aspects of flood risks
3. Spatial dimensions of water scarcity
4. Scale problems of water management if the summation of individual measures becomes a problem
5. Hydrological regionalisation issues
6. The spatial dimension in socio-hydrology

Conference proceedings will be published by PIAHS

Registration and Fees

The registration fee is: 380.- €

It includes admittance to all sessions, congress documentation (abstracts and submitted papers, stored on a USB-stick), coffee and refreshments during official congress breaks.

End of registration: May 11th, 2016

Further Information

For further information about registration, accommodation, conference fees and the programme you will get more detailed information from the conference website:

<http://iahs-rub.hydrology.ruhr-uni-bochum.de/>



RUB



**7th International Water Resources
Management Conference of ICWRS
Bochum IAHS 2016**

Information about the programme

**The spatial dimensions of
water management -
Redistribution of
benefits and risks**



Bochum, May 18th to 20th, 2016

**Ruhr-University Bochum, Germany
Institute of Hydrology,
Water Resources Management and
Environmental Engineering**

**Some highlights of the
Conference Programme, containing
more than 40 presentations**

Wednesday, May 18th, 2016

Supply and benefits

B. Teichgräber, Germany

The Emscher River – human alterations of a river basin

Xia Jun, China

Water spatial allocation through large water transfer project in China: demands and challenges for adaptive management of changing environment

R. Müller, Germany

Towards an optimal integrated reservoir system management for the Awash River Basin, Ethiopia

A. Moser, Switzerland

Spatial relationships between sources of micropollutants and drinking water supply in the Rhine basin – consequences for water management

Floods

S. Vorogushyn, Germany

1+1 ≠ 2 in flood risk calculus: on the role of spatial interactions in flood risk assessment and management

C. Aguilar, Italy

Long term prediction of flood occurrence

R. Benavidez, New Zealand

Improving predictions of the effects of extreme events, land use, and climate change on the hydrology of watersheds in the Philippines

C. Mudersbach, Germany

Changes in flood quantiles at gauge Neu Darchau (Elbe River) from 1873 to 2013

Thursday, May 19th, 2016

B. Gräler, Germany

An Update on Multivariate Return Periods in Hydrology

B. Merz, Germany

Spatial coherence of flood clustering across Germany

Water Scarcity

S. Simonovic, Canada

Quantification of resilience to water scarcity, a dynamic measure in time and space

N. Schütze, Germany

Integrated management of water resources demand and supply in irrigated agriculture from plot to regional scale

Special events like

***Short course for young scientists:
“Geostatistical predictions of streamflow
indices: Theory and Practice”***

***Technical Excursion: “Highlights of the
re-vitalisation of the Emscher-River”***

Conference Dinner

Friday, May 20th, 2016

Regionalisation

G. Blöschl, Austria

Predictions in ungauged basins - where do we stand?

J. Szolgay, Slovakia

A regional look at the process oriented model selection for flood peak/volume relationships

U. Haberlandt, Germany

The value of weather radar data for the estimation of design storms – an analysis for the Hannover region

S. Grimaldi, Italy

Basin compatibility and merging procedure for improving copula applications

M. Piniewski, Poland

Natural streamflow simulation for two largest river basins in Poland: A baseline for identification of flow alterations

S. Persiano, Italy

Climate, orography and scale controls on flood frequency in Triveneto (Italy)

Socioeconomy

M. Sivapalan, United States

Spatial Dimension of Socio-hydrology and the Heterogeneity of Human-Water Dynamics

B. Hansjürgens, Germany

Social science contributions towards a sustainable, integrated and adaptive water resources management

Peter Loucks Lecture given by

Patricia Gober

Arizona State University

Panel Discussion: “Socio-hydrology: neither hydrology nor sociology?”