

BACKGROUND AND OBJECTIVES

Water is essential for all forms of life. It is a fundamental resource necessary for human well-being and ecosystem functioning. At the same time, water is a resource under considerable pressure through increasing water demand, global change and a multitude of water use conflicts. Thus the sustainable management of water is a key issue in future societal development.

The concept of Integrated Water Resources Management (IWRM) has gained wide acceptance as a successful way to tackle these challenges. The aim is to promote economic and social development by addressing and balancing diverse water use interests, while simultaneously safeguarding water resources. However, current water management practices are far from fulfilling these objectives for different reasons. In some cases, adequate management structures and techniques are not available while in other cases existing management approaches fail in properly addressing the key problems.

In the research funding initiative of the German Ministry of Education and Research (BMBF) on Integrated Water Resources Management, results from science are put into practice. Significant effort in collaborative research projects and other international research activities aim at the development of adaptive and transferable water resources management tools. The focus of the conference is to present the respective scientific results and real-world experiences of IWRM implementation in order to discuss lessons learnt and to explore innovative perspectives beyond IWRM.

The conference will provide a great opportunity for scientists, practitioners, water managers and professionals from economy, administration, international agencies, private institutions and consulting establishments to come together to express their opinions and interests. We expect to attract a wide international audience to attend the conference.

CONFERENCE TOPICS

The conference topics will include the following subjects dealing with water resources management:

- 1. Water resources in changing environments**
 - Land use dynamics and water resources
 - Climate change, demographic change and other drivers
 - Landscape functionality and conservation management
 - Ecosystem needs and safeguarding aquatic biodiversity
 - Water quality and ecosystem services for human needs
- 2. Technologies and implementation**
 - Environmental sound technologies
 - Alternative resources (storm water use, aquifer recharge etc.)
 - Pathways for sustainable sanitation
 - Stakeholder participation
 - Economic instruments: water prices for efficiency and equity
- 3. Indicators and advanced monitoring**
 - Adapted water resources assessment strategies
 - Water management performance indicators at different scales
 - Monitoring the efficiency of environmental improvements
- 4. Information and decision support systems for improved knowledge management**
 - Conceptual and technical decision support systems
 - Data assimilation and integration
- 5. Capacity development for water and waste water management**
 - Sustainable concepts for training and education
 - Building public awareness
 - Institutional development
- 6. Water governance: actors and institutions**
 - Analyses of institutions, laws and rules
 - Water governance and water politics
 - Governance and regulation of water services

SPONSOR

German Federal Ministry of Education and Research (BMBF)

SUPPORTERS

International Water Association (IWA) - to be confirmed
Global Water Systems Project (GWSP)

FOR FURTHER INFORMATION PLEASE CONTACT

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International Conference on Integrated
Water Resources Management

Management of Water in a Changing World: Lessons Learnt and Innovative Perspectives

12-13 October 2011
Dresden, Germany



SPONSORED BY THE



Federal Ministry
of Education
and Research

OUTLINE OF SCIENTIFIC PROGRAM

Tuesday, 11 October 2011

Evening – Ice Breaker

Wednesday, 12 October 2011

Opening ceremony followed by parallel sessions, posters and networking, conference dinner in the evening

Thursday, 13 October 2011

Plenary discussion, parallel sessions, posters and networking

Friday, 14 October 2011

Excursions

POST-CONFERENCE ACTIVITIES (14 OCTOBER 2011)

The organisers will arrange post-conference excursions if sufficient interest is indicated in the registration.

SUBMISSION OF ABSTRACT & FULL PAPER

The Organising Committee invites those who wish to contribute to the conference to submit an abstract. The Conference Steering Committee will select abstracts for:

- Oral presentations (15 min + 5 min of discussion) in technical sessions
- Poster presentations (posters will be on display during all conference days).

Abstracts of scientific or practical approaches will be reviewed anonymously by the Conference Steering Committee. After the approval of abstracts authors will have the opportunity to submit a full paper to be published in a scientific journal (see instructions below). All oral and poster presentations must submit an abstract of 4000 signs. Abstract submission will be online (open from 20 January, 2011), please see www.bmbf.iwrm2011.de. Abstracts will be published in the book of abstracts to be handed out at the conference.

Full paper submission for publication - Once the abstract has been accepted by the Steering Committee, the prospective authors have the option to submit a full paper version for publication in the IWA journal *Water Science & Technology*. Papers must be original

and previously unpublished scientific research. Papers must be written in English according to the guidelines from the publisher, which will be distributed with the second Announcement for the Conference. Note that all papers are subject to the peer review process.

CALL FOR SESSION PROPOSALS

In addition to oral and poster presentations, the conference will feature panel discussions and special sessions. If you wish to propose a panel or moderate a session, please contact the organisers. The proposal should include the session title, information about the session convener and co-convenors, a short paragraph of up to 500 words describing the scientific content of the session and a minimum of three and a maximum of six papers to be presented. Papers suggested must be submitted on the same schedule with usual submission, and are also reviewed by the Conference Steering Committee. The deadline for session proposals is February 28, 2011. Proposals should be e-mailed to: IWRM2011@fu-confirm.de

REGISTRATION, TRAVEL & ACCOMMODATION

Online registration will be open from January 20th, 2011. Information on travel and accommodation will be given soon online and in the final announcement. There will be accommodation available at the Maritim Hotel as well as in various hotels in the City of Dresden.

REGISTRATION FEES

Registration fee	Before May 31, 2011	After May 31, 2011
Full Delegates	200 EUR	250 EUR
Members of BMBF funded projects	100 EUR	150 EUR
IWA members	100 EUR	150 EUR
Students	100 EUR	150 EUR
Conference dinner	60 EUR	60 EUR

The conference registration fee includes the book of abstracts, welcome reception (ice breaker), lunches and coffee breaks.

ORGANISING COMMITTEE

The conference will be organized by the Helmholtz Centre for Environmental Research - UFZ, Magdeburg, Germany. The organising committee will be in charge of the general management of the conference. The organising committee will be supported by F&U confirm - conference management.

INTERNATIONAL STEERING COMMITTEE

An international steering committee consisting of representatives from research institutions, universities and professionals will provide guidelines for the selection of papers to be published and advice on organisation of the conference. Confirmed members of the committee are:

- Dr. Peter Koefoed Bjørnsen, UNEP-DHI, Denmark
- Prof. Dr.-Ing. Dr. h.c. Janos J. Bogardi, GWSP, Germany
- Prof. Dr. Dietrich Borchardt, UFZ, Germany (Chair of the conference)
- Dr. Ines Dombrowsky, DIE, Germany
- Héctor Garduño, International Consultant, Mexico
- Prof. Dr.-Ing. Norbert Jardin, Ruhrverband, Germany (IWA Board of Directors)
- Prof. Dr. Alan Jenkins, CEH, Great Britain
- Dr. Rivka Kfir, WRC, South Africa
- Prof. Dr. Peter Krebs, TU Dresden, Germany
- Prof. Dr. Helmut Kroiss, TU Wien, Austria
- Prof. em. Dr. Christian Leibundgut, University of Freiburg, Germany
- Prof. Dr. Wolfram Mauser, LMU, Germany
- Dr. Timothy Moss, IRS, Germany
- Dayanand Panse, IWWA, India
- Prof. Dr. Peter Reichert, EAWAG, Switzerland
- Prof. Dr. Seppo Rekolainen, SYKE, Finland
- Prof. Dr. Dr. Karl-Ulrich Rudolph, University Witten/Herdecke, Germany
- Prof. David L. Rudolph, University of Waterloo, Canada
- Prof. Dr. Min Yang, RCEES, China

CONFERENCE FORMAT

The two-day conference will include a plenary session, panel discussions, technical sessions and poster sessions. Papers can be presented orally in the technical sessions or as posters in the poster sessions.

LANGUAGE

The official language of the conference is English.

VENUE

The venue of the conference is the Maritim Hotel & International Congress Center Dresden, Germany (<http://www.dresden-congresscenter.de>). There are excellent facilities for parallel sessions, exhibitions and welcome reception at the venue.

CONFERENCE SCHEDULE

Call for abstracts opens	20 January 2011
Abstract submission closes	28 February 2011
Abstract peer review period	01 March - 31 March 2011
Invitation to submit full papers	May 2011
Full paper submission closes	31 July 2011
Circulation of 2nd Announcement with Advanced programme	August 2011

