

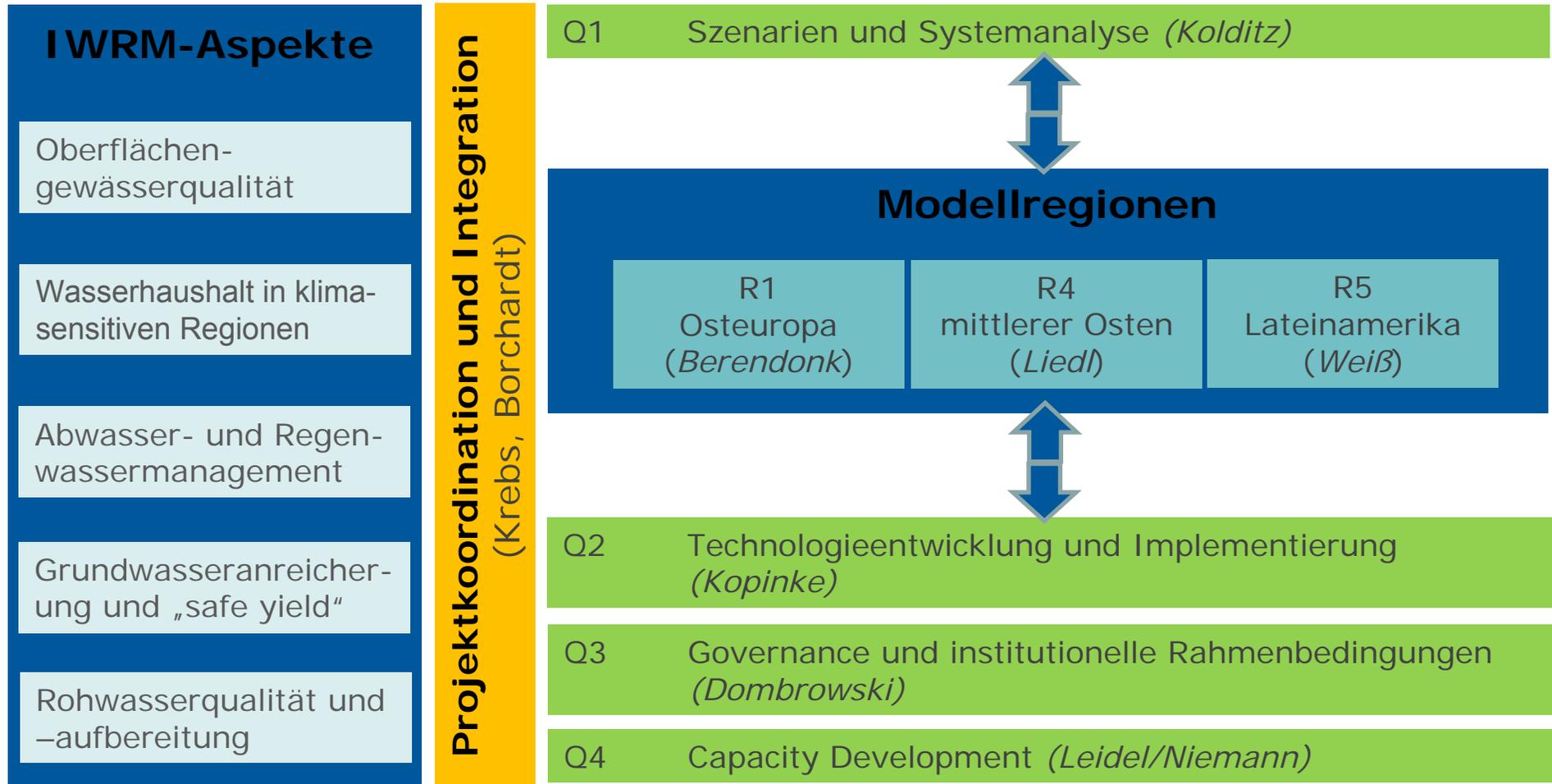
IWAS- Fazit und Ausblick

Dietrich Borchardt, Peter Krebs und Gunda Röstel

IWAS./IWRM oder „Was ergibt 1 + 1?“

- **Naturwissenschaftler:** wenn $1 \in \mathbb{R}$, dann ist $1+1=2$
- **Ingenieure:** $\sim 1 + \sim 1 \approx 2$
- **Sozialwissenschaftler:** das hängt vom Menschen ab...
- **IWAS/IWRM:** $1+1 \gg 2$?!

Struktur IWAS II



IWAS...

- Förderung von Spitzenforschung (✓✓!)
- Anwendungs-/Nachfrage/Problem orientierte Forschung (✓!!!)
- Stärkung Wasserwirtschaft/Wassertechnologie (✓!?)
- Transfer (✓?!)
- ...
- Integration und Kohärenz (?!!)

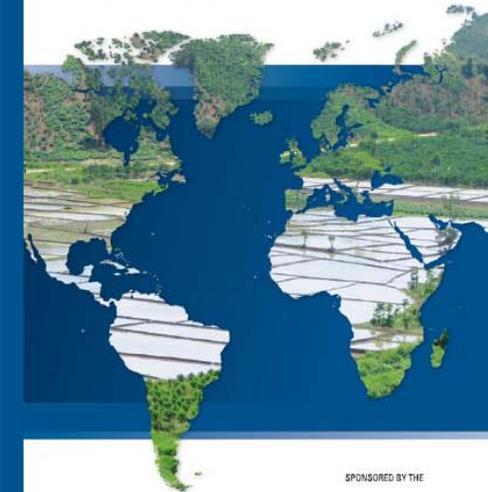
International IWRM Conference 2011, 12.-13. October 2011 Dresden



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



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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

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SUPPORTERS

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

FOR FURTHER INFORMATION PLEASE CONTACT

Prof. Dr. Dietrich Borchardt (Chair of the conference)
Dr. Ralf B. Ibsich (For the organising committee)
Helmholtz Centre for Environmental Research – UFZ
Department Aquatic Ecosystem Analysis and Management (ASAM)
Brückstraße 3a
39114 Magdeburg / Germany
email: dietrich.borchardt@ufz.de; ralf.ibsich@ufz.de
phone: +49 (0) 561 / 804 3608
fax: +49 (0) 391 / 810 9699

Dr. Hildegard Feldmann
F&U confirm - Conference management
Permosenstr. 15
04318 Leipzig / Germany
phone: +49 (0) 341 / 235 -2264 or -2413
fax: +49 (0) 341 / 235 -2782
email: IWRM2011@fu-confirm.de
http://www.fu-confirm.de/

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SPITZENFORSCHUNG & INNOVATION
IN DEN NEUEN LÄNDERN

Vielen Dank !

- Allen, die heute hier waren...
- den Kolleginnen und Kollegen in IWAS...
- den Mitgliedern im Beirat...
- dem BMBF und dem Projektträger...
- ...