

Organisation and Information

Scientific Committee

- > Werner Brack, UFZ, Leipzig, Germany
- > Philippe Quevauviller, EC, Brussels, Belgium
- > Jos Brils, TNO, Utrecht, The Netherlands
- > Stefan Jansen, TNO, Utrecht, The Netherlands
- > Leo Posthuma, RIVM, Bilthoven, The Netherlands
- > Peter von der Ohe, UFZ, Leipzig, Germany
- > Michaela Hein, UFZ, Leipzig, Germany

Conference Secretariat

F&U confirm, Hildegard Feldmann, erar@ufz.de

Call for Posters

- > submission of poster abstracts by 15th Sept 2007 to conference secretariat
- > one A4 page (single spaced, Times New Roman, 11 pt)
- > for detailed instructions, please refer to www.ufz.de/europeanriversatrisk
- > abstracts will be included in the proceedings

Registration

Please register online at www.ufz.de/europeanriversatrisk, there you will also find information on the venue, accommodation arrangements as well as how to get to UFZ.

The registration fee is as follows:

- > Regular early registration: 180 € Regular registration: 250 €
- > Reduced early registration: 100 € Reduced registration: 150 €

The **deadline for early registration is 15th Sept 2007**. Reduced registration fee is restricted to students as well as MODELKEY and RISKBASE partners.



Risk Assessment in European River Basins - State of the Art and Future Challenges



12 – 14 November 2007
Leipzig, Germany



About the Conference

The conference aims to bring together leading scientists as well as European stakeholder groups involved in the assessment of risks to European river basins. Major developments of the recent European research in the frame of

- > ecosystem goods and services in risk-based management,
- > water regulation at risk under global change,
- > groundwater ecosystems and drinking water supply at risk,
- > hydromorphological changes and risks to biodiversity,
- > eutrophication risks to biodiversity,
- > risks of environmental pollutants to ecosystem and human health,
- > integrated risk assessment on a basin scale

shall be processed, particularly in terms of practical implementation for river basin management in order to bridge the gap between science and management practice.

About RISKBASE

RISKBASE (Coordination Action on Risk Based Management of River Basins, contract no. 036938 GOCE) aims to review and synthesise the outcome of EC RTD Framework Programme projects, and other major initiatives, related to integrated risk assessment-based management of the water/sediment/soil system at the river-basin scale. The synthesis will lead to the development of integrated risk assessment-based management approaches enabling the prevention and/or reduction of the negative impacts caused by human activities on that system. For more information, please see www.riskbase.info.

About MODELKEY

MODELKEY (Models for Assessing and Forecasting the Impact of Environmental Key Pollutants on Marine and Freshwater Ecosystems and Biodiversity, contract no. 511237 GOCE) aims at developing and integrating advanced analytical and bioanalytical tools as well as interlinked and verified diagnostic and predictive models to unravel cause-effect relationships between contamination and ecological quality and to assess risks to aquatic ecosystems. These shall serve as a basis for improved decision making that helps to achieve a good ecological status in European water bodies as demanded by the Water Framework Directive by 2015. The investigations are being performed in three case studies, covering different eco-regions of Europe: the Llobregat (Spain), the Scheldt (France, Belgium and The Netherlands), and the Elbe (Czech Republic and Germany). For more information, please see www.modelkey.org.

Outline Programme – Selected Lectures

- > Is a Good Ecological Status a sufficient indicator for prosperous future development of river basins and the marine areas?
Joop F. Bakker, RIKZ, The Netherlands
- > Socio-economic assessment of ecosystems goods and services
Rosa Binimelis, ICTA/Universitat Autònoma de Barcelona, Spain
- > Impact of global change on flood and drought risks
Fred Hattermann, PIK, Germany
- > Risk assessment framework under the new Groundwater Directive
Dietmar Müller, Umweltbundesamt, Austria & Philippe Quevauviller, DG Environment, Belgium
- > Hydromorphological changes and biodiversity under climate change
Piet Verdonshot, Alterra, The Netherlands
- > Effect-based key toxicants - How to get a conclusive picture of hazardous contamination
Kevin Thomas, NIVA, Norway
- > Bioavailability as key parameter for the risk of sediment contaminants
Philippe Mayer, NERI, Denmark
- > Novel analytical tools - Progress on the identification and quantification of hazardous contaminants in complexly contaminated environments
Pim Leonards, Vrije Universiteit Amsterdam, The Netherlands
- > Concepts for effects of multiple stressors with time-variable exposure
Rolf Altenburger, UFZ, Germany
- > Generic exposure models on a river basin scale - A new way to support the risk assessment for contaminants in European river basins
Jos van Gils, DELFT Hydraulics, The Netherlands
- > Concepts for aquatic risk assessment of pesticides and ecological protection
Theo Brock, Alterra, The Netherlands
- > Estrogenic compounds in Spanish river basins - Implications for human and ecological risk assessment
Miren López de Alda, CSIC, Spain
- > Llobregat case study: How to elucidate the role of environmental factors and toxicants on biological community?
Isabel Muñoz, Universitat de Barcelona, Spain
- > New diagnostic and predictive modelling tools for an advanced and integrated evaluation of chemical, ecological, and ecotoxicological monitoring data
Dick de Zwart, RIVM, The Netherlands
- > Managing European sediments: Can we expand our ecological risk assessment paradigms?
Sabine Apitz, SEA Environmental Decisions, UK
- > Integrated risk indices for risk assessment on a river basin scale
Elena Semenzin, Consorzio Venezia Ricerche, Italy