

CONFERENCE PROGRAMME

Tuesday, 22 June 2010

08:00 Registration

Opening ceremony

09:00 Welcome by IAD

Ivana Teodorovic, IAD President, and *Fritz Kohmann*, German Federal Institute of Hydrology

09:15 Welcome by SMUL

NN, Saxon Ministry of the Environment and Agriculture

09:30 Welcome by EC

Ursula Schmedtje, European Commission, DG Environment, D.1. Water

09:50 The Danube River Basin Management – rationale and results

Philip Weller, Executive Secretary, ICPDR

10:10 **Integrated water resources management: A strategy for a sustainable adaptation to global change**

Dietrich Borchardt, Helmholtz Centre for Environmental Research – UFZ

10:40 Coffee break and Poster session (topics 1–3)

1 Climate change and large rivers

Chairman: Fritz Kohmann

11:20 **Towards good practices of climate-change analyses for river-basin management in the catchments of the rivers Danube and Elbe**

Bastian Klein, Peter Krahe, Enno Nilson, Claudia Rachimow, Theresa Horsten, Thomas Maurer, Hans Moser, German Federal Institute of Hydrology (BfG), Germany

11:50 Hydrological and ecological responses of the Lobau floodplain to climate change

Peter Winkler^{1}, Michael Tritthart², Thomas Hein¹*, ¹Wasser Cluster Lunz – Center for Aquatic Ecosystem Research, Austria, ²Universität für Bodenkultur (BOKU) Vienna, Austria

12:05 Are climate impacts already discernable on European Rivers? The River Danube example

Martin T. Dokulil, University of Vienna, Austria

12:20 Vulnerability of floodplain areas along middle Elbe river in Germany in view of climate change induced flow alterations – scenarios and adaptability

Georg Rast¹, Lutz Reichhoff², Uwe Riemann³, ¹WWF Germany, ²LPR Landschaftsplanung Dr. Reichhoff, Germany, ³FUGRO-HGN, Germany

12:35 Consequences of climate change and river bed erosion on the utilization of the Elbe and its flood plain

Iris Brunar, Ernst Paul Dörfler, Friends of the Earth Germany (BUND-Elbeprojekt), Germany

12:50 Lunch break and Poster session (topics 1–3)

2 EC Water Framework Directive (WFD), still some steps to go?

Chairman to be announced

- 14:00 **Towards Risk-Based Management of European River basins: key-messages of the EC FP6 project RISKBASE**
Jos Brils, Deltares, The Netherlands
- 14:30 **Implementation of the WFD from the Perspective of Nature Conservation: Analysis of the Programmes of Measures and the River Basin Management Plans of the Danube and the Elbe Catchments**
Juliane Albrecht, Leibniz Institute of Ecological and Regional Development (IOER), Germany
- 14:45 **The Implementation of the Water Framework Directive in the Danube River Basin and the Idea of a Danube Biodiversity Strategy from the Perspective of Environmental NGOs**
Gerhard Nagl, Danube Environmental Forum (DEF), European River Group, Water Working Group European Environmental Bureau (EEB), Green Heart of Europe, BUND and Bund Naturschutz Water Working Group, NABU River Group
- 15:00 **2010 – beginning of an new era of water management by river basin management planning**
Joerg Janning, European Union of Water Management Associations, EUWMA, The Netherlands
- 15:15 **The Danube River Basin Management Plan (DRBMP) – Challenges of an integrative policy**
Cristina Sandu¹, Jürg Bloesch², ¹Romanian Academy of Sciences, Romania, ²International Association for Danube Research (IAD), Switzerland
- 15:30 Coffee break and Poster session (topics 1–3)
- 16:00 **Intercalibration of biological assessment methods for very large rivers**
Franz Schöll, German Federal Institute of Hydrology (BfG), Germany
- 16:15 **A strategy to enhance migratory fish species in the Weser River Basin according to the aims of the European Water Framework Directive**
Simon Christian Henneberg¹, Matthias Scholten², ¹River Basin Commission Weser, Hildesheim, Germany, ²Federal Institute of Hydrology (BfG), Germany
- 16:30 **MODELKEY DSS as supporting tool for River Basin Management Plan definition: results from application to Elbe and Danube**
Elena Semenzin¹, Stefania Gottardo^{1,2}, Peter von der Ohe³, Jonathan Rizzi^{1,2}, Alex Zabeo¹, Andrea Critto^{1,2}, Antonio Marcomini^{1,2}, ¹Consorzio Venezia Ricerche, Italy, ²University Ca' Foscari of Venice, Italy, ³Helmholtz Centre for Environmental Research – UFZ, Germany
- 16:45 **The macrophyte – floodplain habitat relationship: implications on WFD and river restoration**
Georg A. Janauer, Udo Schmidt-Mumm, University of Vienna, Austria
- 17:00 Poster session (topics 1–3)
- 18:30 Guided Dresden Tour (until approx. 20:00 h)



Source: Fritz Kohmann

Wednesday, 23 June 2010

08:00 Registration

09:00 Opening

Fritz Holzwarth, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany

09:30 **Large Rivers under Stress**

Klement Tockner, Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Germany

3 Riparian landscapes, flood risk and hydro-morphology

Chairman to be announced

10:00 Mean residence time (MRT) of baseflow water in the upper Danube Basin derived from decadal climatic signals in long-term isotope records of river water
Dieter Rank¹, Wolfgang Papesch², ¹University of Vienna, Austria, ²Austrian Institute of Technology – AIT, Seibersdorf

10:15 Flood risk management services in support of the implementation of the EU Flood Directive – First results for test sites in Romania and Bulgaria

Marc Müller¹, Vera Kraft-Holzhauer¹, André Assmann², ¹Infoterra GmbH, Immenstaad, Germany, ²geomer GmbH, Germany

10:30 Restoration of River/Floodplain Interconnection and Riparian Habitats along the Embanked Danube between Neuburg and Ingolstadt (Germany)

Barbara Stammel, Bernd Cyffka, Florian Haas, Aueninstitut Neuburg, Germany

10:45 Coffee break and Poster session with change of posters (from topics 1–3 to topics 4–7)

11:15 Dynamic of trace element pollutants during flood events: Hungarian Tisza and German Mulden Rivers – A comparison

Wolf von Tümpling, Martina Baborowski, Margarete Mages, Helmholtz Centre for Environmental Research – UFZ, Germany

11:30 Contemporary geomorphologic-sedimentary consequences of flooding – the Bratislava reach of the Danube River

Milan Lehotský¹, Ján Novotný¹, Jacek B. Szmańda², ¹Slovak Academy of Sciences, Slovakia, ²Jan Kochanowski University, Poland

11:45 Hydromorphology of Mures River (Romania, Hungary)

Ulrich Schwarz¹, Jürg Bloesch², ¹FLUVIUS, Floodplain Ecology and River Basin Management, Austria, ²IAD, Switzerland

12:00 Assisting integrative planning on waterways by modelling techniques - the Integrated Floodplain Response Model INFORM

Elmar Fuchs, Michael Schleuter, Stephan Rosenzweig, German Federal Institute of Hydrology (BfG), Germany

12:15 Spatio-temporal patterns of zooplankton densities according to water chemical characteristics and hydrological events in a river-floodplain system at the Danube (1498–1469 rkm)

Károly Schöll, A. Kiss, M. Dinka, E. Ágoston-Szabó, A. Berczik, Hungarian Danube Research Station of the Hungarian Academy of Sciences, Hungary

12:30 Modeling of hydrological processes in order to evaluate alternatives for ecological reconstruction in the Danube floodplain

Florian Bodescu, Virgil Iordache, University of Bucharest, Romania

12:45 Long-term prognosis for discharge series of the rivers in Danube and Labe basins

Pavla Pekárová¹, Pavol Miklánek¹, Jan Pekár², ¹Institute of Hydrology SAS, Slovakia, ²FMPI, CU Bratislava, Slovakia

13:00 Lunch break and Poster session (topics 4–7)

- 14:00 **Nutrient dynamics in complex river floodplain systems: effects of restoration**
Thomas Hein¹, Elisabeth Bondar-Kunze¹, Gilles Pinay³, Michael Tritthart¹, Nina Welti^{1,2}, ¹University of Natural Resources and Applied Life Sciences Vienna, Austria, & Wasser-Cluster Lunz – Interuniv. Center for Aquatic Ecosystem Research, ²University of Vienna, Austria, ³University of Birmingham, UK
- 14:15 **Groyne modifications – an appropriate approach to support riparian species?**
Meike Kleinwächter¹, Tobias Münchenberg², ¹German Federal Institute of Hydrology (BfG), Germany, ²Technical University of Braunschweig, Germany
- 14:30 **Riparian Forests and Riverine Vegetation – Risk Factors in Case of Flooding?**
Hans Helmut Bernhart¹, Hubert Weiger², Sandra Schneider¹, ¹Karlsruhe Institute of Technology (KIT), Germany ²Bund Naturschutz in Bayern e.V., Germany

4 Ecological functions and integrated management of rivers

Chairman to be announced

- 14:45 **Sediment provenancing and dispersal dynamics in the lower Danube catchment**
Graham Bird¹, Paul A. Brewer¹, Mark G. Macklin¹, Mariana Nikolova², Tsvetan Kotsev², Mihaela Sima³, Mihail Mollov⁴, ¹Aberystwyth University, UK, ²Bulgarian Academy of Sciences, Bulgaria, ³Romanian Academy, Romania, ⁴Ministry of Environment and Waters, Bulgaria
- 15:00 **Selecting the appropriate set of methods for evaluating ecosystem functions and services in ecological risk assessment. Lessons learned from the River Tamis (Danube River Basin)**
Ivana Teodorovic, IAD, University of Novi Sad, Serbia
- 15:15 **Danube Delta Biosphere Reserve hydrographic network morphological dynamics modelling**
Eugenia Cioaca¹, Constantin Bondar², Constantin Borcia³, ¹Danube Delta National Institute Tulcea, Romania, ²National Institute of Marine Geology and Geo-ecology, Romania, ³National Institute of Hydrology and Water Management, Romania
- 15:30 **Sediment Management in the Elbe from the Perspective of the Port of Hamburg**
Axel Netzband, Hamburg Port Authority, Germany
- 15:45 **Danube meets Elbe meets ...: homogenization of the freshwater fish fauna across Europe**
Nike Sommerwerk^{1,2}, Jörg Freyhof¹, Klement Tockner^{1,2}, ¹Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), Germany, ²Free University Berlin, Germany
- 16:00 **New manual on integrated planning of waterways as a tool for river management**
Alexander Zinke, ICPDR, Austria
- 16:15 Coffee break and Poster session (topics 4–7)
- 17:00 **General Assembly** (until approx. 19:00 h)
- 20:00 **Conference Dinner** (Restaurant CHIAVERI, Sächs. Landtag, Bernhard-von-Lindenau-Platz 1)



Source: Fritz Kohmann

Thursday, 24 June 2010

08:30 Registration

5 Water quality and new emerging pollutants

Chairman to be announced

09:00 **Identifying key pollutants in the Elbe and Danube by applying new assessment tools on monitoring data**

*Eric de Deckere*¹, *Werner Brack*², *Stefania Gottardo*³, *Claudia Schmitt*¹, *Elena Semenzin*³, *Bram Van Ballaer*¹, *Peter Von der Ohe*², ¹University of Antwerp, Belgium, ²Helmholtz Centre for Environmental Research – UFZ, Germany, ³Consorzio Venezia Ricerche, Italy

09:30 **Selected measures towards integrated land and water management on Upper Tisza, Ukraine – local community involvement to support implementation of ITRBMP**

*Olena Marushevska*¹, *Vasyl Manivchuk*², *Georg Rast*³, ¹Kyiv, Ukraine, ²Uzhgorod, Zakarpattya Oblast, Ukraine, ³WWF Germany

09:45 **Natural and near natural floodplain habitats on the Lower Danube and their importance for Natura 2000 Network and recent planning processes for the area**

Erika Schneider, *Emil Dister*, KIT Karlsruhe, Germany

10:00 **Challenge in inferring causality between exposure and impact in river biomonitoring – Trait-based methods and advanced statistics can help**

Mikhail A. Beketov, UFZ – Helmholtz Centre for Environmental Research, Germany

10:15 **Specific organic pollutants in Serbian watercourses-current state and the actions needed**

*Ivana Ivančev-Tumbas*¹, *E. Maljević*², *J. Tričković*¹, *A. Tubić*¹, *J. Molnar*¹, *B. Gavrić*², *Z. Stojanović*², ¹University of Novi Sad, Serbia, ²Republic Hydrometeorological Service of Serbia, Serbia

10:30 **Prioritisation of Emerging Substances as River Basin Specific Pollutants to support next future River Basin Management Plans for the Elbe and Danube**

*Peter von der Ohe*¹, *Eric de Deckere*², *Ralf Schäfer*³, *Gerrit Schüürmann*¹, *Jaroslav Slobodnik*⁴, *Werner Brack*¹, ¹Helmholtz Centre for Environmental Research – UFZ, ²University of Antwerp, Belgium, ³RMIT University, Australia, ⁴Environmental Institute, Slovak Republic

10:45 **The impact of chemical stressors on the invertebrate communities of a heavily polluted river in Central Europe (River Bílina, Czech Republic)**

*Claus Orendt*¹, *G. Wolfram*², *S. Höss*³, *W. Traunspurger*⁴, *Z. Adámek*⁵, *P. Jurajda*⁵, *G. Streck*⁶, *P. von der Ohe*⁶, *D. de Zwart*⁷, ¹Orendt-Hydrobiologie, Leipzig, Germany, ²DWS Hydro-Ökologie, Austria, ³Ecosa, Germany, ⁴University of Bielefeld, Germany, ⁵Academy of Sciences of the Czech Republic, ⁶Helmholtz Centre for Environmental Research – UFZ, Germany ⁷National Institute for Public Health and the Environment Bilthoven, The Netherlands

11:00 Coffee break and Poster session (topics 4–7)

6 General limnological themes

Chairman to be announced

11:30 **Effects of environmental variables on mussel assemblages along a second order stream – large river continuum in North Hungary**

Erika Bódis, *János N. Nosek*, *Nándor Oertel*, *Bence Tóth*, Hungarian Danube Research Station IEB of the Hungarian Academy of Sciences, Hungary

11:45 ***Thymallus thymallus* (Linnaeus, 1758) threats and conservation in the Romanian Carpathians**

Doru Bănăduc, *Angela Curtean-Bănăduc*, University of Sibiu, Romania

- 12:00 Huge local functional diversity of heterotrophic flagellates (protozoa) is found in the plankton of the river Danube at Göd (Hungary)
Áron Keve Kiss, Éva Ács, Keve Tihamér Kiss, Hungarian Danube Research Station IEB of the Hungarian Academy of Sciences, Hungary
- 12:15 Sterlet (*Acipenser ruthenus* L.) as an object of research, fishery and aquaculture in Serbia
Mirjana Lenhardt¹, I. Jarić², G. Cvijanović², M. Smederevac-Lalić², Z. Gačić², B. Mičković², M. Nikčević²,
¹Institute for Biological Research, Serbia, ²Institute for Multidisciplinary Research, Serbia
- 12:30 Status, distribution and infection rate of the invasive crayfish species, *Orconectes limosus*, in the River Danube and its tributaries in Hungary
Miklós Puky¹, Eva Kozubikova², Adam Petrusek², ¹Hungarian Danube Research Station IEB of the Hungarian Academy of Sciences, Hungary, ²Charles University in Prague, Czech Republic
- 12:45 Lunch break and Poster session (topics 4–7)
- 13:45 Poster session (topics 4-7)
- 15:30 Announcement of IAD 2010 Poster Award
- 15:45 Summary of the Conference
- 16:00 Closing remarks

Friday, 25 June 2010

09:00 Excursion to Saxon Switzerland



Source: Michael Schleuter