

**XXIVth CONFERENCE OF THE DANUBIAN COUNTRIES**  
**2–4 June 2008, Bled, Slovenia**

Conference Programme (version May 30, 2008)

**MONDAY, JUNE 2**

08:00–10:00 Registration

**Hall A**

10:00–12:00 Opening Ceremony

12:00–13:00 Lunch

**Hall A** (Conveners: *Rákóczy László, Kobold Mira*)

13:00–15:00 Hydrological forecasting (1)

**Kahl Bianca, Hans-Peter Nachtnebel**

Online updating procedures for a real-time hydrological forecasting system

**Maradjieva Mariana**

Forecasting analysis of runoff for reservoir regulation of dams and weirs in terms of hydropower plant operation

**Živković Nenad, et al.**

Influence of grid values on runoff estimation by regressive models

**Němečková Soňa, et al.**

The assessment of evapotranspiration and soil water content in the Kysuca river basin (Slovakia) using rainfall-runoff model

**Stanzel Philipp, et al.**

Continuous hydrological modelling in the context of real time flood forecasting in alpine Danube tributary catchments

**Ruch Christophe, et al.**

Continuous flood forecasting combined with automatic forecast correction – Application on the Mur River

**Boyko Oleksiy, et al.**

Implementation of the distributed rainfall-runoff model TOPKAPI-UCEWP into real-time flood forecasting system in Ukrainian part of Tisza river basin

15:00–15:30 Coffee break

**Hall A** (Conveners: *Rákóczy László, Kobold Mira*)

15:30–16:30 Hydrological forecasting (1)

**Primožič Miha, et al.**

The implementation of the HBV model on the Sava river basin

**Hangen-Brodersen Christine, et al.**

Operational flood forecast in Bavaria

**Laurent Stefan, et al.**

Dealing with uncertainty of hydrological forecasts in the Bavarian Danube Catchment

**Štravs Luka, et al.**

Development and verification of the Sava river low flow forecasting system

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**Hall A** (Conveners: *Despotovic Jovan, Moser Hans*)

16:30–17:30 Hydro-meteorological extremes, floods and droughts (2)

**Trendafilov Aleksander, et al.**

Comparison on results for yield of water springs in year 1990 and 2007

**Kysely Jan, et al.**

Extreme value models for heavy precipitation in regional climate model outputs in central Europe

**Smolar-Žvanut Nataša, Darko Burja**

The evaluation of ecologically acceptable flows in Slovenia

**Hall B** (Conveners: *Goda László, Dakova Snejana*)

13:00–15:00 Global climate change and hydrological processes (3)

**Luk'yanets Olga, et al.**

Forecast's assessment of water content in Ukraine in the first half of XXIth century

**Horacek Stanislav, et al.**

Estimation of climate change impact on water resources by using Bilan water balance model

**Mauser Wolfram, et al.**

Climate Change and Water Resources: Scenarios of Low-Flow Conditions in the Upper Danube River Basin

**Holzmann Hubert et al.**

Climate change impact on the hydrological regime of an Austrian basin

**Jovanović Gordana et al.**

The Influence of the North Atlantic Oscillation and Arctic Oscillation on precipitation distribution in Serbia

**Hlavcova Kamila, et al.**

Hydrological scenarios of future seasonal runoff distribution in Slovakia

**Brilly Mitja, et al.**

Snowmelt impact on groundwater flow of the Ljubljansko polje aquifer

15:00–15:30 Coffee break

**Hall B** (Conveners: *Goda László, Dakova Snejana*)

15:30–17:30 Global climate change and hydrological processes (3)

**Machkova Marta, et al.**

Detection of changes in the three karst spring discharges into Danube river basin

**Huliaieva Oksana**

Reverse long waves in reservoirs and their ecological role

**Božić Mile, et al.**

Drought and their influence on the environment

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**Maddock Ian, et al.**

The effect of flow regulation on the distribution and dynamics of channel geomorphic units (CGU's) and implications for marble trout (*Salmo marmoratus*) spawning habitat in the Soča River, Slovenia

**Breţcan Petre, et al.**

The modification of the ecological conditions in the Razim-Sinoaie lacustrine complex as an effect of the antropic intervention

**Tesař Miroslav, et al.**

Influence of vegetation cover on air and soil temperatures in the Šumava Mts. (Czech Republic)

**Nemes Karolina, et al.**

The seasonal dynamics of Phytoplankton communities in the Danube-Tisza-Danube hydrosystem in Southern Banat region (Serbia)

19:00 Dinner

**XXIVth CONFERENCE OF THE DANUBIAN COUNTRIES**  
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**TUESDAY, JUNE 3**

08:00–09:00 Registration

**Hall A** (Conveners: *Despotovic Jovan, Moser Hans*)

09:00–11:00 Hydro-meteorological extremes, floods and droughts (2)

**Teodorescu Nicolae Iulian**

The minimum flow in the upstream basin of the Timis River

**Pryimachenko Nataliia**

Spatial-temporal evaluation of maximal quantity of precipitations for hydrological calculations and forecasts

**Jeniček Michal**

Modelling the effect of small reservoirs on flood regime in the Chomutovka river basin

**Bozán Csaba, et al.**

Mapping of excess water hazard in the region of south Hungarian great plain

**Kobold Mira, et al.**

Hydrological analysis of high waters and flash floods occurred in September 2007 in Slovenia

**Neytchev Plamen, et al.**

Statistical linkage of daily precipitation in Bulgaria to atmospheric circulation

**Kocum Jan, Bohumír Janský**

Possibilities of headwaters retention potential enhancement – case study upper otava river basin

11:00–11:30 Coffee break

**Hall A** (Conveners: *Despotovic Jovan, Moser Hans*)

11:30–13:30 Hydro-meteorological extremes, floods and droughts (2)

**Prohaska Stevan, et al.**

Multiple-coincidence of flood waves on the main river and its tributaries

**Bartoš Divac Vladislava, Marina Babić Mladenović**

Extreme hydrological situations on the Danube river

**Roth Carmen**

Quality management for discharge measurements in Bavaria

**Koshinchanov Georgy, Dimitrov Dobri**

Precipitation intensity probability distribution modelling for hydrological and construction design purposes

**Dakova Snejana**

Hydrological extremes events in Bulgaria – current and coming

**Štravs Luka, Mitja Brilly**

Estimation of the shares of the Slovenian Sava River's tributaries in the Sava River's mean daily flow at the time of hydrological droughts

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**Hall B** (Conveners: *Mikoš Matajaž, Weber Johann*)

09:00–11:00 Water management (4)

**Ninov Plamen**

Water quality management of the wetlands "Perina" and "Kalimok-Brushlen" – inventory, chemical and biological analyses, menaces and recommendations

**Wackerbauer Johann**

Public or private water management: Experience from different European countries

**Tzatzaki Vasiliki-Maria**

The UN Convention on International Watercourses and integrated water management: a bridge built

**Crisan Mihaela-Monica, Mihaela Violeta Bakos**

Groundwater monitoring in the proximity of an ash storage pit

**Timchenko Vladimir, Oleg Timchenko**

The notes about ecological aspects of hydrology of Kiliya's delta of Danube river

**Komac Blaž, et al.**

Influence of spreading urbanization in flood areas on flood damage

**Rošu Alina, Adrian Roșca**

The environmental objectives required by the Water Framework Directive and the Groundwater Directive, applicable for Banat Hydrographical Area

**Manukalo Viacheslav**

International cooperation of Ukraine in the area of hydrometeorology within Transboundary River Basins: History, present state, new challenges

11:00–11:30 Coffee break

**Hall B** (Conveners: *Mikoš Matajaž, Weber Johann*)

11:30–12:30 Water management (4)

**Drbal Karel, Pavla Štěpánková**

Problems solved in context of Flood Directive implementation in the Czech Republic

**Sommerwerk Nike, Klemen Tockner**

Building a European catchment data base on freshwater biodiversity

**Koren Stanka, et al.**

How to take action for integrated water management

**Hall B** (Conveners: *Nachtnebel Hans Peter, Maradijeva Mariana*)

12:30–13:30 Floods, morphological processes, erosion, sediment transport and sedimentation (5)

**Bonacci Ognjen, Dijana Oskoruš**

The influence of three Croatian hydroelectric power plants operation on the River Drava hydrological and sediment regime

**Berlinsky Nikolai, Yulia Bogatova**

Sedimentation monitoring during construction of deep water shipping way in Ukrainian part of the Danube (Bystry branch)

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**Ožanić Nevenka, et al.**

Small town Kuželj (Croatia) – flood protection

**Kostadinov Stanimir, et al.**

Erosion control works and the intensity of soil erosion in the upper part of the river Toplica drainage basin

13:30–14:30 Lunch

**Hall A** (Conveners: *Globevnik Lidija, Šraj Mojca*)

14:30–16:30 Developments in hydrology (6)

**Rusjan Simon, et al.**

Hydrological and seasonal controls of nitrate mobilization from a forested catchment

**Šraj Mojca, et al.**

The experimental watersheds in Slovenia

**Matthews Dave, et al.**

*WaterNet*: The NASA water cycle solutions network – Danubian Regional Applications

**Lehmann Thilo, Hubert Holzmann**

Flood warning level forecasting for ungauged catchments by means of a combined API-storage concept

**Keve Gabor**

Reliable observation methods of drifting floes

**Nikolić Jugoslav, et al.**

Model of runoff determination on hydrologically unexplored basins

**Šír Miloslav, et al.**

Measuring and modelling forest transpiration

**Katsiri Alexandra, et al.**

EDUCATE!: An International E-learning Postgraduate Course in Water Resources and Environmental Management

16:30–17:00 Coffee break

**Hall B** (Conveners: *Nachtnebel Hans Peter, Maradijeva Mariana*)

14:30–16:30 Floods, morphological processes, erosion, sediment transport and sedimentation (5)

**Popa Nelu**

Response of conservation measures from small cultivated watersheds concerning runoff and erosion, under the impact of extreme rainfall events

**Milevski Ivica, et al.**

Soil erosion processes and modelling in the upper Bregalnica catchment

**Prohaska Sandra, et al.**

Model based estimation of sediment erosion in groyne fields along the river Elbe

**Spachinger Karl, et al.**

Flood risk and flood hazard maps - visualization of hydrological risks

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**Yushchenko Yuriy, Andriy Kyrylyuk**

Geo-hydro-morphology of the Upper Prut

**Gavrilović Zoran, et al.**

Torrent classification – base of rational management of erosive regions

**Baranya Sándor, et al.**

Complex hydro- and sediment dynamics survey of two critical reaches on the Hungarian part of river Danube

16:30–17:00 Coffee break

**Hall A**

17:00–18:00 Conclusions and closing ceremony

20:00 Conference dinner