

**Topic 1: Climate change affecting the ecology of big rivers, especially biodiversity**

- 01** **Gastropoda populations in the Danube-Carpathian hydrographic space: possible impact of climate change** Olivia Cioboiu
- 02** **Investigation of the isotopic composition of Danube water as indicator for hydroclimatic changes in the Danube Basin. Establishment of a representative isotope monitoring near the mouth of the river.** Wolfgang Papesch, Dieter Rank
- 03** **The effects of climate change on Danubian phytoplankton communities in Hungary** Csaba Sipkay, Keve Tihamér Kiss, Csaba Vadadi-Fülöp, Levente Hufnagel

**Topic 2: Implementation of the EC Water Framework Directive (WFD), scientific, practical and political problems**

- 04** **Spatial variability of heavy metal pollution in groyne fields of the middle Elbe – implication for sediment monitoring and risk assessment** Martina Baborowski, P. Morgenstern, T. Jancke, B. Westrich
- 05** **The WFD as a tool for sustainable development in the Danube River Basin** Eric de Deckere, Kristof Blockx, Andreas Blum, Iosif Botetzagias, Sheila Francl, Su-Ma Kaba, Remona Kerssies, Veronika Rigó, Christian Schulze, Christian Ters, Theano Theodoridou, Bram Van Keer, Laurens Van den Born, Sarah Verbereckmoes
- 06** **Implementation of EC Nitrate Directive in the Czech Republic** Anna Hrabánková, Marta Martínková
- 07** **Room for the river in cat's bend – application of the Sketchmatch Method in Romania –** Iulian Nichersu, Eugenia Marin, Florentina Sela, Cristian Trifanov, Marian Mierlă
- 08** **Critical review of floodplain restoration projects in the Elbe River Basin, future challenges and opportunities in the framework of WFD, Flood Risk Directive and other biodiversity objectives** Georg Rast
- 09** **Defining biological benchmarks for the intercalibration of the Danube River** Leon van Kouwen, Sebastian Birk

**Topic 3: Flooding, meadows, floodplains, actual conditions and restoration measures (riparian landscapes), hydrological modelling, risk assessment**

- 10** **Actual status of biota of the Beregove transboundary polder system (the Tisa River Basin) as instrument for ecological status/potential assessment** Sergey Afanasyev, Liudmyla Guleikova, Olena Lietytska, Oksana Manturova, Oleksandr Savitskiy, Eugen Savchenko, Oleksandr Usov
- 11** **Leaching losses from five leaf litter species in a side arm of the Danube at Gemenc floodplain, Hungary** Edit Ágoston-Szabó, M. Dinka, K. Schöll, A. Kiss, Á. Berczik
- 12** **Actual state and fish production of Sasyk Reservoir** Lyashenko Artem, Zorina-Sakharova Kateryna, Makovckyi Vadim, Sanzhak Yuri, Protsepova Valentyna.83
- 13** **Morphological evolution of riverbeds case study: inferior sector of cibin river upstream of sibiu (Olt basin – Romania)** Marioara Costea
- 14** **Water chemical characteristics and the spatio-temporal patterns of zooplankton assemblages in a side arm of the Danube (rkm 1437–1440, Hungary)** Mária Dinka, Károly Schöll, Edit Ágoston-Szabó, Anita Kiss, Árpád Berczik
- 15** **Experience from and challenges for development and implementation of a large scale floodplain restoration – the dyke relocation in Lödderitzer Forst, Elbe River, Germany** Astrid Eichhorn, Georg Rast
- 16** **The status report on German floodplains** Klaus Follner, Thomas Ehlert, Bernd Neukirchen
- 17** **Concept for monitoring zoocenotic changes due to restoration of fluvial dynamics in Danube floodplain forests between Neuburg and Ingolstadt (Germany)** Axel Gruppe, Markus Kilg, Hans Utschick, Roland Gerstmeier, Reinhard Schopf
- 18** **Plankton communities of the transboundary Ukrainian-Romanian section of the Tisa River** Liudmyla Guleikova, Oksana Manturova
- 19** **Changes of plant diversity in riparian grassland after extreme hydrologic events** Peter J. Horchler, Franziska Konjuchow, Judith Gläser, Christiane Ilg, Eva Mosner, Mathias Scholz
- 20** **First records on effect of renewed flooding of three wetlands from Belene Island (Lower Danube, Bulgarian stretch)** Roumen Kalchev, Michaela Beshkova, Luchezar Pehlivanov
- 21** **Diversity of beetle communities from ground level to canopy in the Danube floodplain forests between Neuburg and Ingolstadt (Germany)** Markus Kilg, Reinhard Schopf, Hans Utschick, Roland Gerstmeier, Axel Gruppe
- 22** **Spatial differences of the zooplankton assemblages and chemical characteristics of water in a plesiopotamal side-arm of the active floodplain at the Danube (rkm 1442–1440)** Anita Kiss, K. Schöll, M. Dinka, E. Ágoston-Szabó, Á. Berczik
- 23** **Influence of environmental factors on riparian forests and scenarios of changes in the vegetation after restoration in the Danube floodplain between Neuburg and Ingolstadt, Bavaria** Petra Lang, Jörg Ewald
- 24** **1D hydrological model as a predictive tool for the assessment of aquatic habitat changes in floodplain rivers** I. Potyó, G. Guti
- 25** **The herbaceous vegetation of the terrestrial-aquatic zones of Danube River oxbows** Udo Schmidt-Mumm
- 26** **Floodplain restoration by dike relocation along the Elbe River and the need to monitor the effects** Mathias Scholz, Christiane Ilg, Franziska Konjuchow, Peter Horchler, Michael Gerisch, Holger Rupp
- 27** **Pre-restoration analysis of soil seed bank patterns in the backwater system of the Danube floodplain between Neuburg and Ingolstadt** A. Schwab, K. Kiehl

**Topic 4: Waterway- and river management, sediments, transport dynamics, ecological functions, fish migration, TEN-T (Trans European Networks) Rhine, Meuse-Main- Danube with special regard to the ecology of the rivers**

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- 28 **Ship-induced waves alter the macrozoobenthos community composition of the river Havel** F. Gabel, X.-F. Garcia, M. Pusch
- 29 **Can we find parallels between a temperate large river and a tropical small stream?** Maria Leichtfried, Wasantha S. Welinge, Leopold Füreder, Gernot Bretschko
- 30 **Comparative assessment of the ecological state of sediments in the Ukrainian part of the Danube Delta, Dnipro and Boh Estuary** Victor Romanenko, Artem Lyashenko, Sergey Afanasyev, Igor Konovets, Katerina Zorina-Sakharova, Liudmila Kipnis, Robert M. Burgess, Kay T. Ho, Anna Terletskaia, Michail Milyukin
- 31 **Benthic organic matter dynamics along a stream–middle size river–large river continuum** Bence Tóth, Erika Bódis, János Nosek, Nándor Oertel

**Topic 5 Water quality, new emerging pollutants, biomonitoring, ecotoxicology**

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- 32 **The dragonfly *Gomphus flavipes* and mayfly *Palingenia longicauda* as indicators of the Danube River basin** Eva Bulánková, P. Beracko, T. Derka
- 33 **The influence of pH and temperature on the enzymatic activity of acidophilic heterotrophic microorganisms of the genus *Acidiphilium*** Carmen Madalina Cismasiu
- 34 **Monitoring the ichthyofauna in Nature Park Kopački rit (Croatia) in 2008** Dinko Jelkić, Anđelko Opačak, Siniša Ozimec, Tihomir Florijančić, Zlatko Puškadija, Ivica Bošković
- 35 **β-HCH sediment eco-toxicity for crustacean *Gammarus fossarum* – chemical analyses and risk assessment in the Elbe River** Kateřina Kolaříková, Wolf von Tümpling
- 36 **Monitoring of algal blooms and eutrophication processes in the River Danube** Willi Kopf, Werner Pöhlmann
- 37 **Monitoring of selected drugs in surface waters of the Vltava River Basin** Pavla Babková, Milan Koželuh, Lumír Kule
- 38 **Riverine Transport and Sources of Polyfluoroalkyl Compounds (PFCs) along the Rivers Elbe and Rhine** Axel Möller, Lutz Ahrens, Renate Sturm, Ralf Ebinghaus
- 39 **New methods in estimating biodiversity: a case study on aquatic and semi-aquatic heteroptera in the Arieș river basin (Romania)** Horea Olosutean, Daniela Minodora Ilie
- 40 **Assessment of Water Quality in the Upper Course of Siret river (N-E Romania)** Gabriela Sasu, Cristina Blanaru, Oana Onofrei, Roxana Nechifor
- 41 **Wastewater disinfection at River Ilz to improve bacteriological water quality: effects and constraints** Margit Schade, W. Kopf, G. H. Reischer, A. H. Farnleitner
- 42 **Bioindication and biotesting of water and bottom sediments of water bodies of the Danube Biosphere Reserve** Volodymyr Lyashenko, Maria Goncharova
- 43 **Distribution of organic UV-filters in surface water of the River Elbe** Hendrik Wolschke, Zhiyong Xie, Renate Sturm, Ralf Ebinghaus

**Topic 6: Trophic relations (nutrients-bacteria-algae-benthos-fish-birds-humans)**

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- 44 **Spatio-temporal changes of benthic organic matter and macroinvertebrate communities in the Danube Bend (Hungary)** N. Oertel, E. Bódis, J. Nosek, B. Tóth

**Topic 7: General limnological themes following the IAD traditions, flora and fauna**

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- 45 **The actual state of relict Pontic-Caspian invertebrate fauna of the Lower Danube within the area of Ukraine** Lyashenko Artem, Zorina-Sakharova Kateryna, Makovcky Vadim, Sanzhak Yuri
- 46 **Spatial patchiness and similarity of macrophyte assemblages along a cut-off channel of the River Danube in Linz (Austria)** Veronika Barta, Georg A. Janauer, Katrin Teubner
- 47 **Phytoplankton composition and abundance in Srebarna Lake and adjacent temporary wetlands (Bulgarian floodplain of the Lower Danube River)** M.B. Beshkova, R.K. Kalchev, L.Z. Pehlivanov, V.P. Vassilev
- 48 **Recent drastic changes in the amphipod and mysid fauna (Crustacea: Malacostraca: Amphipoda, Mysida) of the Hungarian Danube stretch** Péter Borza, Nándor Oertel
- 49 **Importance of the Danube River in spreading the infection of red deer with *Fascioloides magna* in eastern Croatia** Tihomir Florijančić, Anđelko Opačak Ivica Bošković, Siniša Ozimec, Dinko Jelkić, Albert Marinculić, Zdravko Janicki
- 50 **Molecular studies on the phylogeny of immigrated *Theodoxus fluviatilis*, an alien species in the Upper Danube** Willi Kopf, Cornelia Morawetz
- 51 **Inventory of Macrophytes and Habitats along the River Danube in Croatia** Siniša Ozimec, Jasenka Topić, Georg Janauer
- 52 **Advantage of a Hungarian Rotifer Database System from the aspect of the Danube research** Adrienn Tóth, Tamás Lőrincz, Attila Szűcs
- 53 **Can reservoirs compensate oxbow disappearance? The amphibian fauna of the Rétközi reservoir and the Várközi oxbow lake** Mihály Tóth, Miklós Puky
- 54 **Diversity of Benthic Macroinvertebrates in Relation to Environmental Parameters in Reservoirs, Danube Basin, North-West Bulgaria** Teodora Trichkova, Violeta Tyufekchieva, Lubomir Kenderov, Zdravko Hubenov, Ivan Botev, Dimitar Kozuharov, Yanka Presolska, Yordan Uzunov, Stefan Stoichev, Svetoslav Cheshmedjiev
- 55 **Long-term changes of fish fauna in the Hungarian section of the Ipel River** A. Weiperth, T. Gaebele, I. Potyó, G. Guti