INTERNATIONAL ASSOCIATION FOR DANUBE RESEARCH

The 42nd IAD Conference 2018
62 years of Danubian cooperative research
in the framework of IAD

DANUBE - A LIFELINE GOVERNED BY MULTIPLE USES, PRESSURES AND A MULTITUDE OF ECOSYSTEM SERVICES
2 – 6 July 2018, Smolenice, Slovakia


3rd ANNOUNCEMENT
and
Conference programme

Organized by:
Institute of Geography,
Slovak Academy of Sciences
IAD General Secretariat
Slovak Limnological Society

Under the Patronage of
Vice President of Slovak Academy of Sciences
Dr. Pavol Siman

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Prof. Dr. Ion TODERĂŞ, Moldavia
Dr. Teodora TRICHKOVA, Bulgaria
Conference Overview
The International Association for Danube Research was founded in 1956 with the aim of promoting and coordinating activities in the fields of limnology, water management, water protection and sustainable development in the Danube River basin. Since 1998, IAD has become observer and participated actively in the various expert groups of the International Commission for the Protection of the Danube River (ICPDR), contributing to the development of the Danube River Basin Management Plan, the Joint Statement for Navigation, the draft Guidelines for Hydropower in the Danube Region, the Sturgeon Action Plan and the Sturgeon 2020 Program.

The 42th IAD conference will provide a forum for the long-term multidisciplinary research activities and discussions on various topics which reveal the importance of different types of watercourses for the Danube Basin, as well as the interlinkage with the marine area, highlighting the need to protect the biodiversity of this unique area.

Important Information
The official language of the conference will be English. Authors are invited to submit papers related to the Danube River Basin and the North Western area of the Black Sea. The scientific presentations will be oral or poster and should relate to one or more of the scientific topics given above. Each presentation should indicate the appropriate topic. All contributions will be reviewed by the Scientific Committee. The Scientific Committee reserves the right to change the form of presentation (oral/poster) in case of thematic consideration or timing. A workshop providing info on funding opportunities for students under IAD umbrella will be organized.

Conference Venue
The conference will take place in the Congress Centre of the Slovak Academy of Sciences (SAS) situated in the well-known Smolenice Castle (www.kcsmolenice.sav.sk). Accommodation and meals have been arranged directly in the Congress Centre; no transfer to other facilities is required.

Travel Information
The Smolenice village is situated at the foothill of the Malé Karpaty Mountains, 60 kms to the northwest of Bratislava.

By car:
route A) Bratislava - Pezinok - Častá - Smolenice (distance: 50 kms); road class 1
route B) motorway D1 Bratislava - Trnava – further on via road class 1 Trnava - Trstín – Smolenice (distance 75 kms)

By train:
route C) Bratislava - Trnava – change to bus Trnava – Smolenice

Accommodation and Meal Reservation
For the accommodation and meal reservation, please, fill a Google form (https://goo.gl/forms/PezAhhLk2c3mEEa02) for the Accommodation and meal reservation. Accommodation and meals are paid individually after arrival. For those who did not participate in the google form reservation, we can’t guarantee the free rooms and meal possibility during conference.

Registration Payment
The registration fee will be paid due by 15 June. No late payment at the registration desk will be possible.
# Conference Program

## Monday, July 2, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Registration of participants</td>
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<tr>
<td>13:00</td>
<td>Meeting of IAD National representatives and Expert group leaders</td>
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## Tuesday, July 3, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Registration of participants</td>
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<tr>
<td>13:00</td>
<td>Lunch break</td>
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<tr>
<td>14:00</td>
<td>Opening - Welcome speeches</td>
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<tr>
<td>14:30</td>
<td>Keynote lectures</td>
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<tr>
<td></td>
<td><strong>Chairman</strong></td>
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<tr>
<td>14:30</td>
<td>Cristina SANDU</td>
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<tr>
<td>15:00</td>
<td>Jürg BLOESCH</td>
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<td>15:30</td>
<td>Emília MIŠÍKOVÁ ELEXOVÁ</td>
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<tr>
<td>16:00</td>
<td>Coffee break</td>
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<tr>
<td>16:20</td>
<td>1st oral presentation session</td>
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<td></td>
<td><strong>Chairman</strong></td>
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<tr>
<td>16:20</td>
<td>Thomas HEIN</td>
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<td>16:35</td>
<td>Gertrud HAIDVOGL</td>
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<tr>
<td>16:50</td>
<td>Jarmila MAKOVINSKÁ</td>
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<td>17:05</td>
<td>Marion GELHAUS</td>
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<td>17:20</td>
<td>Jana FRIEDRICH</td>
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<td>17:35</td>
<td>Milan LEHOTSKÝ</td>
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<td>17:50</td>
<td>Jarmila MAKOVINSKÁ</td>
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<td>18:05</td>
<td>Mirjana LENHARDT</td>
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<td>18:20</td>
<td>Milica ZIVKOVIC</td>
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## Wednesday, July 4, 2018

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Keynote lectures</td>
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<tr>
<td></td>
<td><strong>Chairman</strong></td>
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<tr>
<td>09:00</td>
<td>Jürg BLOESCH</td>
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<tr>
<td>09:30</td>
<td>Martin DOKULIL</td>
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<tr>
<td>10:00</td>
<td>Robert BERNÝ</td>
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<td>10:20</td>
<td>Coffee break</td>
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<tr>
<td>10:20</td>
<td>Seminar</td>
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<td><strong>Katrin TEUBNER</strong></td>
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<td>12:20</td>
<td>Lunch break</td>
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<tr>
<td></td>
<td><strong>Chairman</strong></td>
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<tr>
<td>13:20</td>
<td>Keynote lectures</td>
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<tr>
<td></td>
<td>Bernd CYFFKA</td>
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<tr>
<td>13:50</td>
<td>Gabor GUTI</td>
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### Keynote lectures
- **Chairsman** Cristina SANDU  
- Changing Rivers - challenges for the management of ecosystem services and biodiversity in the Danube River  
- Jürg BLOESCH  
- Danube Under Pressure – A Personal Analysis  
- Emília MIŠÍKOVÁ ELEXOVÁ  
- Slovak Danube River Assessment Based on Intercalibrated Biological Method for Macroinvertebrates  
- Gertrud HAIDVOGL  
- Sturgeons of the Austro-Hungarian Danube and sturgeon exploitation from the Middle Ages to the early 20th century  
- Jarmila MAKOVINSKÁ  
- Water quality changes of the Slovak stretch of the River Danube  
- Marion GELHAUS  
- The application of the River Ecosystem Service Index to a stretch along the upper Bavarian Danube  
- Jana FRIEDRICH  
- DANUBIUS-RI: A new European Research Infrastructure for Advanced Studies on River-Sea Systems  
- Milan LEHOTSKÝ  
- Insights into spatio-temporal changes in hydrological-sedimentary connectivity of the Slovak part of the Danube anabranching reach  
- Jarmila MAKOVINSKÁ  
- Status assessment of the River Danube within two management plans  
- Mirjana LENHARDT  
- Investigation of fish behavior at Iron Gate II Hydropower plant by acoustic telemetry  
- Srdan SUBOTIĆ  
- Growth parameters of vimba bream (Vimba vimba) in the Danube River near Belgrade (Serbia)  
- Milica ZIVKOVIC  
- Pistia stratiotes l. 1753 – an emerging invader in serbian rivers?  
- Jürg BLOESCH  
- Climate warming affects water temperature in the River Danube and tributaries – present and future perspectives  
- Martin DOKULIL  
- Discharge measurement as an important part of the monitoring of extreme events in the Danube basin  
- Robert BERNÝ  
- Gabor GUTI  
- Long-term changes in the fish fauna of the Szigetköz region of the Danube, in Hungary
2nd oral presentation session

Chairman: Bernd CYFFKA
13:50 – 14:05 Maja NOVKOVIĆ
One flew over the Danube floodplain lakes (Koviljski Rit wetland area): UAVs as promising tool in aquatic vegetation assessment
14:05 – 14:20 Siniša OZIMEC
Floristic inventory and mapping of dry habitats along the Danube course in Croatia under the DANUBEparksCONNECTED project
14:20 – 14:35 Miloš RUSNÁK
UAV technology application in riverine landscape
14:35 – 14:50 Milan LEHOTSKÝ
Measurement of coarse sediment connectivity in braided rivers
14:50 – 15:05 Jozef DUDŽÁK
Causes and consequences in recent hydrogeomorphic development of single-thread river in foreland of the High Tatras

15:05 – 15:30 Coffee break

3rd oral presentation session

Chairman: Melita MIHALJEVIĆ
15:30 – 15:45 Anna KIDOVÁ
Morphological changes and their implication for management of a multi-thread river
15:45 – 16:00 Madalina TUDORACHE
Monitoring of the endocrine disruptor pesticides from water samples using immuno-affinity interaction – pre-treatment and analysis
16:00 – 16:15 Eugenia CIOACĂ
Ecological restoration of the Danube Delta wetland fragmented ecosystems. Șontea-Fortuna area case study
16:15 – 16:30 Katrin TEUBNER
Restoration of the urban oxbow lake Alte Donau: Response of zoo- and phytoplankton to trophic alteration from hypertrophic to mesotrophic conditions over 22 years

16:30 – 17:30 EGL Floodplain ecology - Status Meeting
17:30 – 19:30 IAD General Assembly

Thursday, July 5, 2018

Chairman: Milan LEHOTSKÝ
09:00 – 9:30 Teodora TRICHKOVA
Invasive alien species in the Danube Region and DIAS activities towards strategy development
09:30 – 10:00 Cristina SANDU
Sturgeon conservation in the Danube River Basin – past and perspectives
10:00 – 10:20 Coffee break
10:20 – 12:00 Poster session
Chairman: Georg A. JANAUER
12:00 – 13:00 Lunch break
13:00 – 17:00 Workshop
Andrea FUNK
Impact of hydromorphological alteration and restoration in the light of biodiversity and ecosystem services – exploring synergies for the WFD

19:00 Festive dinner

Friday, July 6, 2018

08:30 - 16:00 Excursion: hydrobiology, monitoring and fluvial geomorphology of the Váh River (Leopoldov) and Danube (Gabčíkovo, Vojka)