

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

<http://conferences.ulbsibiu.ro/conf.iad/2018/index.php>



**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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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.

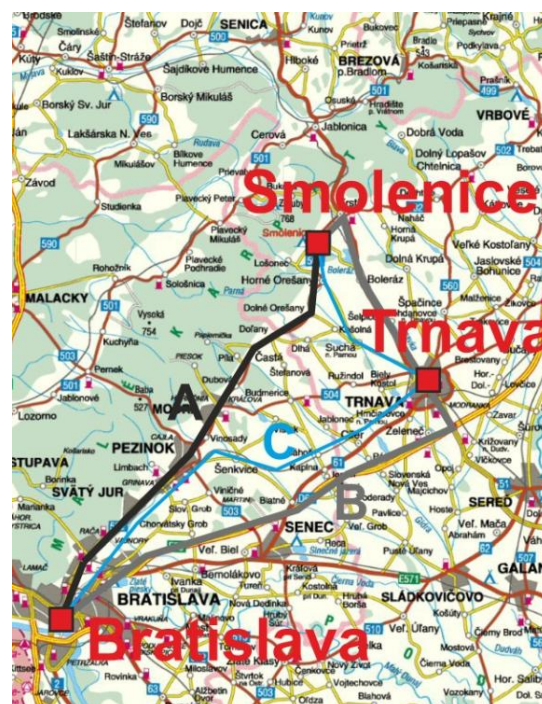
By car:

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/PeZAhjLk2c3mEEa02>) 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

09:00 – 13:00	Registration of participants
13:00 – 17:00	Meeting of IAD National representatives and Expert group leaders

Tuesday, July 3, 2018

09:00 – 13:00 Registration of participants

13:00 – 14:00 *Lunch break*

14:00 – 14:30 Opening - Welcome speeches

Keynote lectures

Chairman Cristina SANDU

14:30 – 15:00 Thomas HEIN Changing Rivers - challenges for the management of ecosystem services and biodiversity in the Danube River

15:00 – 15:30 Jürg BLOESCH Danube Under Pressure – A Personal Analysis

15:30 – 16:00 Emília MIŠÍKOVÁ Slovak Danube River Assessment Based on Intercalibrated Biological Method for Macroinvertebrates

16:00 – 16:20 *Coffee break*

1st oral presentation session

Chairman Thomas HEIN

16:20 – 16:35 Gertrud HAIDVOGL Sturgeons of the Austro-Hungarian Danube and sturgeon exploitation from the Middle Ages to the early 20th century

16:35 – 16:50 Jarmila MAKOVINSKÁ Water quality changes of the Slovak stretch of the River Danube

16:50 – 17:05 Marion GELHAUS The application of the River Ecosystem Service Index to a stretch along the upper Bavarian Danube

17:05 – 17:20 Jana FRIEDRICH DANUBIUS-RI: A new European Research Infrastructure for Advanced Studies on River-Sea Systems

17:20 – 17:35 Milan LEHOTSKÝ Insights into spatio-temporal changes in hydrological-sedimentary connectivity of the Slovak part of the Danube anabranching reach

17:35 – 17:50 Jarmila MAKOVINSKÁ Status assessment of the River Danube within two management plans

17:50 – 18:05 Mirjana LENHARDT Investigation of fish behavior at Iron Gate II Hydropower plant by acoustic telemetry

18:05 – 18:20 Srđan SUBOTIĆ Growth parameters of vimba bream (*Vimba vimba*) in the Danube River near Belgrade (Serbia)

18:20 – 18:35 Milica ZIVKOVIC *Pistia stratiotes* l. 1753 – an emerging invader in serbian rivers?

Wednesday, July 4, 2018

Keynote lectures

Chairman Jürg BLOESCH

09:00 – 9:30 Martin DOKULIL Climate warming affects water temperature in the River Danube and tributaries – present and future perspectives

09:30 – 10:00 Robert BERNÝ Discharge measurement as an important part of the monitoring of extreme events in the Danube basin

10:00 – 10:20 *Coffee break*

Seminar

Katrin TEUBNER

Freshwaters as sentinels for tracking global environmental changes

12:20 – 13:20 *Lunch break*

Keynote lectures

Chairman Bernd CYFFKA

13:20 – 13:50 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 DANUBE parks CONNECTED 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. Şontea-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***Keynote lectures***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)