

DANUBE ACADEMIES CONFERENCE



**12th DANUBE ACADEMIES CONFERENCE (DAC)
October, 18th–20th, 2023, Ljubljana**

**Slovenian Academy of Sciences and Arts
Novi trg 3, SI-1000 Ljubljana, Slovenia**



Organized by:

**European Academy of Sciences and Arts
Slovenian Academy of Sciences and Arts**

DANUBE ACADEMIES CONFERENCE

Organizing Committee:

Branko Stanovnik, Chairman
Franci Gabrovšek
Anja Miljavec
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FINAL PROGRAM

Wednesday, October 18th, 2023

- *Arrival and accommodation of participants* at the Best Western Premier Hotel Slon, Slovenska cesta 34, Ljubljana, [Best Western Premier Hotel Slon Ljubljana Slovenia](#)

18:30 Welcome reception at Hotel Slon
19:00 Dinner

Thursday, October 19th, 2023

- *Scientific Program*

Friday, October 20th, 2023

- *Excursion*



12th Danube Academies Conference (DAC)

Thursday, October 19th, 2023

9.00–10.00 Registration

10.00–10.15 *Opening Address of the Conference (Venue: Main Academy Hall, Novi trg 3/I)*

Peter Štih, President of the Slovenian Academy of Sciences and Arts, Ljubljana, Slovenia

Klaus Mainzer, President of the European Academy of Sciences and Arts, Salzburg, Austria

Part I, Chair: Branko Stanovnik, Slovenian Academy of Sciences and Arts

10.20 Martin Grambow (Bavarian State Ministry for the Environment and Consumer Protection, Technical University of Munich (TUM), Germany)
Impact of antropogenic land use on the regional water balance

10.50 Mihael Brenčič (University of Ljubljana, Faculty of Natural Sciences and Engineering, Slovenia)
Water resources in Slovenia

11.15 Franci Gabrovšek (Karst Research Institute SRC SASA, Slovenia)
The evolution and characteristics of karst aquifers

11.40 Nataša Viršek Ravbar (Karst Research Institute SRC SASA in cooperation with Slovenian Forestry Institute)
Is the recharge of karst aquifers influenced by large-scale forest disturbances?

12.05 Bojan Mohar (Department of Mathematics, Simon Fraser University, Canada, Department of Mathematics, University of Ljubljana)
Slovenia Modelling karstic aquifers using network theory

12.30 Milan Radulović (Committee for Geology and Geography, Montenegrin Academy of Sciences and Arts; Faculty of Civil Engineering, University of Montenegro)
Karst hydrogeology of Montenegro

12.55–14.30 LUNCH BREAK

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Part II, Chair: Franci Gabrovšek, Slovenian Academy of Sciences and Arts

14.30 Milena Horvat (Department of Environmental Sciences, Jožef Stefan Institute, Slovenia)

Source apportionment and fate of metals in river ecosystems due to anthropogenic and climate change forcing

14.55 Lenka Hagarová (Institute of Geotechnics, Slovak Academy of Sciences)

Advanced technologies for the contaminated water treatment to protect the largest natural groundwater reservoir in Central Europe - Rye Island

15.20 Andreja Žgajnar Gotvajn (University of Ljubljana, Faculty of Chemistry and Chemical Technology, Slovenia)

Emerging micropollutants in wastewaters: removal trends and perspectives

15.45 Tanja Ćirković Veličković (Serbian Academy of Sciences and Arts)

Seafood contamination with microplastics: analytically challenged global problem

16.10 Ina Aneva (Bulgarian Academy of Sciences)

The biodiversity in the Bulgarian sector of the Danube River – status, main threats, and challenges

16.10–16.30 COFEE BREAK

16.30 Jovan Despotović (Serbian Academy of Sciences and Arts)

Information to the authorities and local people along the river Danube concerning the flood regime of rivers at the basin – An empirical evaluation

16.55 Dmitry Grummo (Director of the State Scientific Institution "Institute of Experimental Botany named after V.F. Kuprevich of the National Academy of Sciences of Belarus")

Disturbed Peatlands Restoration Experience in Belarus

17.20–18.00 *Conference end with communiqué*

19.00 Dinner at Restaurant Šestica (Slovenska cesta 40)

Friday, October 20th, 2023

9.00 Excursion to Postojna – a visit to the Karst Research Institute in Postojna and the Postojna Cave.

The bus will leave from the Hotel Slon at 9.00 am and return to Ljubljana between 16.00 and 17.00 pm.