

13th DANUBE ACADEMIES CONFERENCE

9-10. October, 2024

Grand Hall of the Serbian Academy of Sciences and Arts
35 Kneza Mihaila Street, Belgrade, Serbia



13. КОНФЕРЕНЦИЈА АКАДЕМИЈА ПОДУНАВСКЕ РЕГИЈЕ

Октобар 9-10. 2024.

Свечана сала САНУ
Кнеза Михаила 35, Београд, Србија

DANUBE ACADEMIES CONFERENCE

Tuesday, October 8, 2024

Arrival and accommodation of the participants

19:00

Welcome dinner

Wednesday, October 9, 2024

10:00 Opening and welcome messages

Zoran Knežević, President of the Serbian Academy of Sciences and Arts

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

Felix Unger, Honorary President of the European Academy of Sciences and Arts

Jelena Begović, Minister of Science, Technological Development and Innovation

11:00 – 11:20 Coffee break

11:20 Session I

Chair: SASA corresponding members Tanja Ćirković Veličković and Slobodan B. Marković

11:20 – 11:40 *Cross-scale challenges and opportunities of adaptation to climate change in the upper and lower parts of the Danube Basin*

([Dan Bălțeanu](#), Wolfram Mauser, Diana Dogaru, Elisabeth Probst)

11:40 – 12:00 *CzechGlobe Green Blue Research Infrastructure contribution to Danube River-Sea System*

([Michal V. Marek](#), Jiří Kolman)

12:00 – 12:20 *Bulgarian Space Projects in food security and transformation of agriculture*

([Denitza Borisova](#))

12:20 – 12:40 *Contribution of UNESCO participation programs to strengthening regional cooperation in the field of renewable energy sources*

([Dragoljub Mirjanić](#))

12:40 – 13:00 *Socio-economic vulnerability and adaptation to climate change in the Romanian Danube Valley*

([Bianca Mitrică](#), Monica Dumitrașcu)

13:00 – 13:30 Discussion

13:30 – 14:30 Lunch at the SASA Club

14:30 Session II

Chair: SASA corresponding member Vlada Veljković and Željko Tomanović

- 14:30 – 14:50 *Danube basin environmental & cultural continuity during the last 6000 years*
(Ioannis Liritzis)
- 14:50 – 15:10 *Danube loess and climate change*
(Slobodan B. Marković)
- 15:10 – 15:30 *Food safety and the European Green Deal - Paving the way for a sustainable future*
(Aleksandra Martinović)
- 15:30 – 15:50 *Green AI: How will AI and a sustainable future be closely integrated?*
(Jian Wang)
- 15:50 – 16:10 *Digital Twins technology and the European Green Deal*
(Georgios Theodoropoulos)
- 16:10 – 16:40 Discussion
- 19:00 Dinner

Thursday, October 10, 2024

10:00 Session III

Chair: SASA corresponding members Tanja Ćirković Veličković and Željko Tomanović

- 10:00 – 10:20 *Nature-based Solutions for the Danube River Basin Ecosystem Restoration*
([Miroslav Vesković](#), Milan Martinov)
- 10:20 – 10:40 *Assessing chemical risk to ecosystem health in the Danube river basin*
([Gheorghe Duca](#), Elena Nicolau)
- 10:40 – 11:00 *Ecological protection and green development in great river basins ¾ Comparison and mutual learning between the Danube and the Yangtze*
([Yonghui Song](#))
- 11:00 – 11:20 *Synergistic effects of microplastics and toxic metals in (sub)urban environmental pollution in Serbia*
([Jelena Mutić](#), Ivana Mikavica)
- 11:20 – 11:40 *Long-term mining and industrial activities affect devastatingly the lower Danube region*
([Velizar Stanković](#), Snežana Šerbula)
- 11:40 – 12:00 *The influence of exploration activities of a potential lithium mine to the environment in Western Serbia*
([Dragana Đorđević](#), Jovan M. Tadić, Branimir Grgur, Ratko Ristić, Sanja Sakan, Jelena Brezjanović, [Vladimir Stevanović](#), Bogdan Šolaja)
- 12:00 – 12:30 Discussion and closure of the conference
- 12:30 – 13:00 Coffee break

14:00 Cruise on the Danube river



