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Second International Aquamatic Conference: Challenges of Water Management in Europe

16 - 17 October 2025,

Silesian Water Center, University of Silesia in Katowice

THURSDAY 16.10.2025

9.00-10.00 Registration

10.00-10.20 Opening ceremony

10.20-11.30 **Session 1 Problems (1)** Chair: dr hab. Agnieszka Babczyńska, University of Silesia in Katowice

1. dr hab. Edyta Sierka, University of Silesia in Katowice / Water after coal: the role of anthropogenic reservoirs in biodiversity conservation and water resource management
2. prof. dr hab. Janusz Zaleski, Wrocław University of Science and Technology / From flood protection to climate resilience in water management in Poland
3. dr hab. Agnieszka Kolada, The Institute of Environmental Protection – National Research Institute / The activities of the scientific team responsible for explaining the situation in the Odra River in August 2022

11.30-12.00 Przerwa

12.00-13.30 **Session 2 Problems (2)** Chair: dr. Raimundas Baublys, Vytautas Magnus University, Kaunas, Lithuania

1. dr Kinga Ślósarczyk University of Silesia in Katowice / Small rivers in big cities - the Rawa case
2. prof. Chiara Manfrin, University in Trieste, Italy / Monitoring biodiversity in the Nemunas river using environmental DNA approaches (ON-LINE)
3. dr Egidijus Kasiulis, Vytautas Magnus University, Kaunas, Lithuania / Dangers of flash floods in the lowland country: a case of Lithuania

Development of internationalization at the University of Silesia in Katowice by Transform4Europe alliance



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13.30-14.30 Lunch

14.30-16.00 **Debate I: Golden algae under control?** Chair: dr Łukasz Lamża, University of Silesia in Katowice, Poland

1. dr hab. Andrzej Woźnica, University of Silesia in Katowice, Poland
2. Marek Kajs, General Directorate for Environmental Protection, Poland
3. prof. dr hab. Hanna Mazur-Marzec, University of Gdańsk, Poland
4. dr inż. Ewa Owczarek-Nowak, Marshal's Office of the Silesian Voivodeship
5. dr hab. Małgorzata Bąk, University in Szczecin, Poland
6. Adrian Brol, Polish Mining Group Spółka z Ograniczoną Odpowiedzialnością

16.00-16.15 Coffee break

1. **16.15-18.15 Debate II: Knowledge and experience in counteracting catastrophes**
Chair: Przemysław Jedlecki, Gazeta Wyborcza
1. prof. dr hab. Damian Absalon, University of Silesia in Katowice, Poland
2. dr Dimitar Zlatinov, Sofia University "St. Kliment Ohridski", Bulgaria
3. prof. Małgorzata Myśliwiec, University of Silesia in Katowice, Poland
4. st. kpt. Tomasz Michalik, Provincial Headquarters of the State Fire Service in Katowice, Poland
5. prof. Tomasz Pietrzykowski, University of Silesia in Katowice, Vice-Rector for International and Domestic Cooperation

16.30-18.00 Poster session: dr hab. Krzysztof Szopa, University of Silesia in Katowice, Poland

18.00 -19.00 Evening session with music and snacks

FRIDAY 17.10.2025

9.00-10.30 Session 3 Monitoring (Research) Chair: dr Marco Bertoli, University in Trieste, Italy

1. dr Barbara Kalinowska-Wójcik, University of Silesia in Katowice / Predictions of crisis situations in aquatic environments based on the analysis of preserved historical sources
2. Martyna Wietecha, MGPP Aero Sp. z o.o. / Application of Hyperspectral Data in Environmental Monitoring
3. Marcin Grzanka – EkoSłuppek / Construction of online air and water monitoring systems using multi-parameter sensors - research and development work results

10.30-11.00 Summary of the poster session – dr hab. Krzysztof Szopa, University of Silesia in Katowice, Poland

11.00-12.30 Session 4, Solutions chair: dr hab. Edyta Sierka, University of Silesia in Katowice

1. dr hab. Agnieszka Babczyńska, dr Bartosz Łozowski, dr hab. Andrzej Woźnica, University of Silesia in Katowice / Polluted but needed: post-industrial blue-green infrastructure back in cities
2. prof. dr hab. Mirosław Pawełczyk, Mariusz Włodarz, Research Centre for Public Competition Law and Sector Regulation, University of Silesia in Katowice / Selected aspects of the regulatory model for preventing and combating negative events in the aquatic environment. Legislative perspectives and systemic challenges.
3. dr hab. Małgorzata Myśliwiec, University of Silesia in Katowice / Catastrophe - it only happens once - socio-political aspects of water catastrophes.