

CONFERENCE

# Innovation in environmental protection

5/6/2024 - MICROPOLLUTANTS



8:00 - 9:00

**Registration of participants**

9:00 - 9:30

**The commencement of the conference**

9:30 - 10:50

**Micropollutants in the aquatic environment**

Fate and effects of micropollutants in the aquatic environment/University of South Bohemia in Ceske Budejovice - Tomáš Randák

Pharmaceuticals in drinking water at the Káraný water treatment plant/E.G.Masaryk Water Research Institute - Zbyněk Hrkal

Pharmaceuticals in surface water of Vltava river catchment/Povodí Vltavy state enterprise - Marek Liška

Innovative carbon-based sorbents as an efficient way of wastewater treatment/Technical University of Ostrava - Roupcová Petra

10:50 - 11:10

**Space for questions regarding projects**

11:10 - 11:30

**Coffee break**



  
**Norway grants**

Working together for a **green** Europe



STATE ENVIRONMENTAL  
FUND OF THE  
CZECH REPUBLIC

11:30 - 12:50

### Monitoring and removal of micropollutants

Norway: Monitoring of microplastics and use of digital tools on removal of marine litter/'Centre against Marine Litter - Norwegian Environment Agency - Ragnhild Nylund

Monitoring of pesticides in the environment and methods of their elimination/Technical University of Ostrava - Tereza Motúzová

CarbonCLEAN: Removal of pharmaceuticals from waste water using textile filters containing biochar/AIVOTEC Ltd. - Sylvie Kříženecká

The validation testing of advanced oxidation processes for the removal of pharmaceuticals from the effluent WWTP/Brno University of Technology - Tomáš Macsek

12:50 - 13:10

### Space for questions regarding projects

13:10 - 14:10

### Lunch

14:10 - 15:30

### Removal of micropollutants

Decentralized removal of micropollutants from infectious hospital wastewater/Prague Water Supply and Sewerage, Inc. - Robert Kvaček

Utilization of advanced oxidation processes for effective removal of gabapentin and ibuprofen from wastewater/Agrovýzkum Rapotín s.r.o. - Martin Vašínska

Reduction of surface water pharmaceutical substances pollution in biologically treated wastewater/Technical University of Liberec - Tomáš Lederer

The potential of biological ponds in the removal of micropollutants from municipal wastewater/University of South Bohemia - Ganna Fedorova

15:30 - 15:50

### End of conference, discussion

