



Interreg
Danube Region



Co-funded by
the European Union



Tethys

“Coordinated Danube Action for the titanic endeavor of tackling hazardous substances water pollution under changing pressures, challenges and targets”

Workshop on Analytical Methods for Water Monitoring

Organized by Water Research Institute, Bratislava, Slovakia

Meeting will be organized in on-line form on 1st and 2nd of October, 2024

Workshop will be held in MS Teams, meeting will be available at 8:50, [link for connection](#):

https://teams.microsoft.com/l/meetup-join/19%3ameeting_0TE3NjhjYjktNDU5NS00OGQ4LTlhMWMtNWl4NDc3Y2NkYjVj%40thread.v2/0?context=%7b%22Tid%22%3a%2244200858-6f2c-447e-97a7-27cba47bc022%22%2c%22Oid%22%3a%220dd17e14-c81f-4f12-b85a-55f76f1b14f9%22%7d

Agenda

October 1st, 2024

9:00 – 9:05	Welcome <i>Michal Kirchner, Water Research Institute Bratislava, Slovakia</i>
9:05 – 9:15	Introduction of the project Tethys <i>Michal Kirchner, Water Research Institute Bratislava, Slovakia</i>

9:15 – 9:25	Current status of proposal for a Directive of the European Parliament and the Council amending Water Framework Directive, Directive on Environmental Quality Standards and Groundwater Directive <i>Michal Kirchner, Water Research Institute Bratislava, Slovakia</i>
9:25 – 10:00	Low-cost and efficient analytical method for analysis of PAH, Alkylphenols and Phthalates in surface water samples using liquid-liquid microextraction technique and HPLC-DAD-FLD <i>Veronika Koperová Návoiová, Marcel Brenkus, Peter Tölgyessy, Water Research Institute Bratislava, Slovakia</i>
10:00 – 10:35	Analytical method for analysis of PAH and Phthalates in sediment samples <i>Marcel Brenkus, Veronika Koperová Návoiová, Peter Tölgyessy, Water Research Institute Bratislava, Slovakia</i>
10:35 – 10:45	Break
10:45 – 11:10	Analytical method for analysis of PAH in biota samples – gammarids and mussels using simultaneous ultrasound solid-liquid extraction and dispersive solid-phase extraction and GC-MS/MS <i>Milan Laurenčík, Michal Kirchner, Peter Tölgyessy, Slávka Nagyová Water Research Institute Bratislava, Slovakia</i>
11:10 – 11:55	Utilizing Stir Bar Sorptive Extraction for the Analysis of Priority Substances Including Tributyltin, Short-Chain Chlorinated Paraffins, Brominated Diphenyl Ethers, Pentachlorophenol, Bisphenol A, and Organochlorine Pesticides in Water and Sediment Samples <i>Peter Tölgyessy, Slávka Nagyová Water Research Institute Bratislava, Slovakia</i>
11:55 – 12:15	Direct aqueous injection LC-ESI-MS/MS analysis for determination of 23 EU Watch List substances in whole water samples <i>Alena Bednáriková, Peter Tölgyessy, Water Research Institute Bratislava, Slovakia</i>
12:15	Discussion and closing of the day 1

October 2nd, 2024

9:00 – 9:05	Opening of the day 2
9:05 – 9:50	PFAS – surface water sampling and analytical method standards overview and analytical method implemented at WRI <i>Tamara Vranová, Water Research Institute Bratislava, Slovakia</i>
9:50 – 10:20	Sharing Expertise: Experience with PFAS & Pharmaceutical sampling and analysis at TU Wien <i>Meiqi Liu, Ernis Saracevic, TU Wien, Austria</i>
10:20 – 10:40	Application of automated disk extraction system in the preparation of water samples for PFAS analysis <i>Vladimir Živković, Center for Eco-Toxicological Research Podgorica d.o.o., Crna Gora</i>
10:40 – 11:20	Discussion on preparation of the Interlaboratory Comparison Study (PT) on analysis of PFAS in water <i>Michal Kirchner, Angelika Kassai, Tamara Vranová, Water Research Institute, Bratislava, Slovakia</i>
11:20	Closing of the workshop

The participation is free of charge!