

Achieving Zero Pollution of Persistent and Mobile Substances: Removal through Technical Solutions

7th and 8th October 2025

Department of Geography, University of the Aegean (University Hill, Mytilene, 81100), Lesvos, Greece

7th October 2025

09:00 Registration

Setting the scene

09:30 ZeroPM welcome and setting the scene

Hans Peter Arp - Norwegian Geotechnical Institute (NGI), Sarah Hale - German Water Centre (DVGW-TZW), Marcel Riegel - German Water Centre (DVGW-TZW)

10:00 Micropollutants, antimicrobial resistance, and the EU's new framework on wastewater treatment and reuse – Is policy outpacing or lagging behind scientific knowledge?

Despo Fatta-Kassinou - University of Cyprus

10:40 Coffee break

State of the art: PFAS analysis

11:20 Navigating PFAS chemistry in complicated samples: Analysis in the Modern Laboratory and Future Prospects

Alexandros Asimakopoulos - Norwegian University of Science and Technology (NTNU)

11:40 One fits all? – A TOP-Assay fitness-check for comprehensive PFAS determination

Frank Thomas Lange - German Water Centre (DVGW-TZW)

12:00 Passive sampling for PFAS: Status and applications

Ian Allan - Norwegian Institute for Water Research (NIVA)

12:20 Lunch

State of the art: PFAS and sludge management

13:30 Sludge management: the wastewater sector's contribution to a circular economy

Gari Villa-Landa - European Federation of National Associations of Water Services (Eureau)

13:50 PFAS in sewage sludge: occurrence, removal technologies and threats for the environment

Athanasios Stasinakis - The University of the Aegean

The future of sludge management

14:10 Enabling a PFAS free circular economy for sludge through source control and pyrolysis

Hans Peter Arp – Norwegian Geotechnical Institute (NGI)

14:20 PFASs in Swiss Sewage Sludge: Examining Mass Flows and Implications of the National Policy to Incinerate Sludge

Steven Chow - Swiss Federal Institute of Aquatic Science and Technology (EAWAG)

14:30 The Biosolids Observatory : an efficient tool to improve knowledge on Biosolids composition

Hubert Brunet - European Federation for Agricultural Recycling (EFAR)

14:40 Toxic sludge is good for you

Eurydice Bersi - Reporters United and the Forever Pollution Project

14:50 Panel discussion

15:20 Coffee break

16:00 Visit to the ZeroPM sewage sludge pilot treatment plant

18:00 Dinner and evening program at a local taverna

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8th October 2025

Setting the scene

08:45 ZeroPM Welcome to Day 2

09:00 **Regulating Persistent and Mobile substances in Europe: Lessons learned from case processing under CLP, science-policy synergies and stakeholders' engagement**
Konstantinos Prevedouros – European Chemicals Agency (ECHA)

09:25 **Policy measures for the remediation of PM-substances: a never-ending story or the final act?**
André Bannink - Association of River Water Companies (RIWA)

State of the art water treatment methods

09:55 **ZeroPM approaches for water treatment: AC, IEX, electrosorption and electrochemical degradation**
Marcel Riegel and Heico Schell - German Water Centre (DVGW-TZW)

10:15 **Large scale study: thermal reactivation of PFAS contaminated granular activated carbon originating from drinking water production**
Philipp Droste - Jacobi Group

10:35 **Remediation of PFAS contaminated soil-groundwater continuum**
Stéfan Colombano - French Geological Survey (BRGM)

10:55 **From Detection to Concentration and Degradation: SCENARIOS Technologies for PFAS-Free Water**
Francesco Dondero - University of Eastern Piedmont Amedeo Avogadro (UPO)

11:15 **Coffee break**

The future of water management

11:55 **Challenges of persistent and mobile substances in water supply**
Aki Sebastian Ruhl - German Environment Agency (UBA)

12:05 **Pollution prevention as a pre-requisite for circular water management**
Sara Johansson - European Environmental Bureau (EEB)

12:15 **Four year monitoring of PFAS levels in Thessaloniki water resources and drinking water**
Nikoletta Xanthopolou - Thessaloniki Water and Sewerage Company

12:25 **Assessing the sustainability of water treatment systems**
Greg Peters - Chalmers University of Technology

12:35 **Panel discussion**

13:05 **Close of Workshop**

13:15 **Lunch**