PFAS Under the Lens: Science, Solutions and Society - H2020-SCENARIOS

📅 September 17th, 2025
📍 Ferrara Expo, Ferrara, Italy
🕰️ 09AM-05PM- Blue Room (1st floor)
🌐 https://remtechexpo.com/remtech-europe/

🕗 **8:50 – 9:00 AM**
Institutional salutation (Dr. Pavlos Tyrologou & Prof. Francesco Dondero)
🕗 **9:00 – 11:00 AM**
Session 1 – Detection, Modelling and Environmental Behaviour of PFAS

1. Multiscale site characterisation of a PFAS contaminated Site at Korsør Denmark – K.E. Klint
2. PFAS Transport Dynamics in the Unsaturated Zone – S. Kolade
3. Numerical modelling of PFAS fate in Korsør site – C. Tsakiroglou
4. Monitoring PFAS Migration Trends in Municipal Landfills – S. Kolade
5. Empowering water safety with a sensitive and optimized online SPE-UHPLC-HRMS method for broad spectrum PFAS monitoring – A. Fabbris
6. Ion-pair assisted SERS method for ultra-sensitive detection of PFAS in aqueous media – Z.G. Lada
7. Elastin-Like Peptides-Modified Electrochemical Sensor for PFSA – H. Ben-Yaov
8. Integrated QSAR Framework for Predicting PFAS Albumin Binding and Half-life in Humans – V. Minadakis

☕ **11:00 – 11:15 AM**

Coffee Break

🕗 **11:15 – 1:00 PM**
Session 2 – Removal and Destruction of PFAS, from Technologies to Case Studies

9. Surface Active Foam Fractionation (SAFF®) for Regulatory-Grade PFAS Removal: Insights from the SCENARIOS Italian Demonstration – F. Dondero
10. First Application of SAFF® for PFAS Abatement in Drinking Water: Complete Removal of PFBS and Compliance with EU 2020/2184 – F. Dondero

11. Energy Efficient Destruction of PFAS in Water by Cold Atmospheric Plasma – K. Papalexopoulou
12. A Comparative Study of PFCA Decomposition by Photocatalysis, Ozonation, and Sonolysis – C. Tsakiroglou
13. Destruction of Concentrated PFAS in Groundwater Using Cold Atmospheric Plasma after SAFF pre-treatment – C.A. Aggelopoulos
14. Biochar-Amended Vermicompost: An Environmentally Sustainable Option – J.C. Sanchez-Hernandez
15. Per- and polyfluoroalkyl substances (PFAS) and antimicrobial resistance – C. Leo

🍽️ **1:00 – 2:00 PM**
Lunch Break & Networking

🕑 **2:00 – 3:30 PM**
Session 3 – Environmental Performance and Societal Impacts

16. Integrated monitoring and toxicological assessment of PFAS in aquatic ecosystems: Human exposure risks in UK and Spanish populations and insights from cellular bioenergetic profiling – I. Lynch
17. Assessment of PFAS Exposure in the Alessandria Area: Rationale and Implementation of Two Pilot Studies within the SCENARIOS Project – I. Megna
18. Soil enzymology for assessing PFAS bioavailability – J.C. Sanchez-Hernandez
19. Societal dimensions of PFAS remediation – M. Mirea Candea
20. Environmental Assessment of PFAS Treatment Technologies – M. de Giovanni
21. Designing a Decision Support System for PFAS Remediation and Management – M. de Giovanni
22. Cost-Benefit Analysis of SCENARIOS PFAS Technologies – J. Klenner

☕ **3:30 – 3:45 PM**
Coffee Break

🔐 **3:45 – 4:15 PM**
SCENARIOS Governing Board Meeting

🟣 **4:15 – 5:15 PM**
Round Table: Governance and Policy Uptake

This final session brings together representatives from European institutions, regulatory bodies, industry, and civil society to discuss how the SCENARIOS project and related initiatives can support policy development, regulatory transitions, and multi-level governance in the context of PFAS and persistent pollutants.

Showcase your work in RemTech Special Issue of Integrated Environmental Assessment and Management- (IF 3.1)!

This project has received funding from the European Union's H2020 programme under Grant Agreement N°. 101037509.