

NICOLE Fall Workshop 2025

13 & 14 November 2025

Budapest, Hungary

Benczúr Hotel | Benczúr u. 35 1068, Budapest, Hungary

Remediation of legacy pollutions with focus on developing and operating industrial sites

Growing awareness of legacy pollution, the pressure to redevelop industrial land, and the evolving landscape of environmental regulation create urgent challenges for sustainable land use across Europe. Climate change, resource scarcity, and public health concerns further underscore the need for integrated, long-term solutions.

Addressing these challenges calls for a coordinated approach that combines proven remediation practices with innovation, tailored strategies, and effective financing. Legacy and emerging contaminants, ranging from heavy metals and hydrocarbons to PFAS, microplastics and pharmaceuticals, demand both site-specific action and broader policy alignment. Large and complex sites, including orphan sites without clear liability, require collaborative networks and funding mechanisms to ensure progress.

This year's Fall Workshop will explore these issues through five thematic sessions:

- Networks and funders in remediation.
- Remediation in Hungary.
- Innovation in sampling, interpretation and analysis.
- Innovation and decision making challenges.
- Innovation for remediation of recalcitrant contaminants.

By bringing together industry, researchers, consultants, regulators and funders, the workshop aims to inspire new approaches, strengthen partnerships and advance the sustainable redevelopment of contaminated land for the benefit of future generations.

08:30–09:00	Registration
09:00–09:10	Opening & Welcome Session Chairs: Ken Scally & Gergely Tóth
09:10–09:30	Keynote <i>The role of the State in remediation in Hungary</i> Dr. Anikó Raisz, State Secretary for Environmental Policy (Ministry of Energy)
09:30–9:50	Keynote <i>Environmental consequences of war in Ukraine - from crisis to opportunity</i> Pier Carlo Sandei, United Nations Environment Programme
9:50–10:50	Introduction and pitches NICOLE Innovation Award 2025
10:50–11:10	Coffee break
Technical Session 1: Networks and funders in remediation Session Chairs: Ken Scally & Paul Bardos	
11:10–11:30	<i>NICOLE Foundation's Experience in Overcoming Unique Challenges In Assessing Polluted Sites in Conflict-Affected Regions – Lessons from the Kakhovka Reservoir</i> Johan De Fraye, NICOLE Foundation
11:30–11:50	<i>A Collaborative Model for National-Scale Environmental Hotspot Management: Lessons from the POPs Project in Bosnia-Herzegovina</i> Ilona van der Kroef, TAUW bv
11:50–12:10	<i>Overview Evaluation of Remediation Projects implemented with funding in Hungary</i> Gabriella Gyetvai, TRENECON Ltd
12:10–12:30	Discussion
12:30–12:35	Poster pitches
12:35–13:35	Lunch break

Technical Session 2: Remediation in Hungary Session Chair: Gergely Tóth	
13:35–13:55	<i>Implementation and operation of an effective GCW remedial system under complex geological conditions</i> Melinda Wieser, WSP
13:55–14:15	<i>The Hungarian State's environmental liability since the change of regime</i> Csaba Imre Tóth, Nitrokémia Zrt.
14:15–14:35	<i>In situ- and ex situ onsite treatment pilots of a contaminated sediment in Hungary</i> Imre Szabó & Josephine Moline, BGT Hungaria Kft. & Evonik
14:35–14:55	Discussion
14:55–15:00	Poster pitches
15:00–15:30	Coffee break
Technical Session 3: Innovation in sampling, interpretation and analysis Session Chair: Nicholas Scott Forbes	
15:30–15:50	<i>Empowering Environmental Intelligence: A Case Study in AI-Powered Knowledge Management and Data Federation for Scalable Data Governance with EQulS</i> Dan Alexander, EarthSoft
15:50–16:10	<i>6PPD-Quinone and Diphenylguanidine An Emerging Contaminant on the Fast Track – Tracing Tyre-Derived Toxins from Formula 1 to Electric Vehicles</i> Ken Scally, Normec DETS & LATIS Scientific
16:10–16:30	<i>Innovative Monitoring Approaches for Data-Driven and Sustainable Remediation</i> Kevin Kuntze, Isodetect GmbH
16:30–16:50	Discussion
16:50–16:55	Poster pitches
16:55–17:00	Closing of the day
19:00–22:00	Conference dinner and NICOLE Innovation Award ceremony at SZÉK Restaurant & Bar. Address: Andrássy út 41, 1061, Budapest

09:00–09:05	Good morning
Technical Session 4: Innovation and decision making challenges Session Chair: Valérie Cappuyns	
09:05–09:25	<i>The Dynamic Challenges and Opportunities to Remediate Primary and Emerged Contaminants</i> Dora Chiang, Jacobs
09:25–09:45	<i>Are Nature based solutions for PFAS effective?</i> Tom Bosma, Deltares
09:45–10:05	<i>Innovative lab experiments to better understand back-diffusion during groundwater remediation</i> Tamás Madarász, University of Miskolc, Institute of Water Resources and Environmental Management
10:05–10:25	Discussion
10:25–10:55	Coffee break
Technical Session 5: Innovation for remediation of recalcitrant contaminants Session Chair: Philippe Menoud	
10:55–11:15	<i>A Containerized Thermal Treatment System for the Destruction of PFAS in Contaminated Soils</i> Mael Makoudi , Haemers Technologies
11:15–11:35	<i>Biogeochemically Enhanced Treatment of Chlorinated Organics and Metals</i> Josephine Molin, Evonik
11:35–11:55	<i>A natural, eco-friendly way of remediating short-chain hydrocarbon contaminants by organohalide-respiring microorganisms, the relevance of microbial inoculants in remediation</i> Zsuzsanna Nagymáté, Fermentia Ltd.
11:55–12:15	Discussion
12:15–12:45	Closing of the workshop
12:45–13:45	Lunch
15:00	Site visit to the József Gruber Water Basin (limited spots available) For more info click here

Organizing Committee

Alan Hill – Shell
 Nicholas Scott Forbes - Oceanfront Agency
 Csaba Ágoston – The Hungarian Association of Environmental Enterprises
 Gary Hanko - The Hungarian Association of Environmental Enterprises
 Gergely Tóth – The Hungarian Association of Environmental Enterprises
 Glauco Giordano – Jacobs
 Graça Brito – NOVA FCT / UNL
 Ken Scally – Normec
 Niloufar Falakbaz – IEG Technologie
 Olga Cavoura – University of West Attica
 Paul Bardos – R3 Environmental
 Philippe Menoud – Corteva
 Renato Baciocchi – University of Rome Tor Vergata
 Serkan İktü – ANT ESG
 Tonia Gnoerich – Jacobs
 Valérie Cappuyens – KU Leuven

NICOLE Secretariat

Please complete the workshop registration form.
 NICOLE members can register through the [NICOLE Portal](#).
 Non-members, please contact the NICOLE Secretariat: chayenne.vandijk@nicole.org
Deadline for registration is 31 October 2025.

For further information on NICOLE membership, workshop programs, registration, or any other practical issue regarding the workshop, please contact:

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