



Sessions

Sps = Special session

1. Soil and water in the digital world

- 1a1 Geostatistics and modelling
- 1b1 Data management and visualisation
- 1c1 New digital and management developments

2. Advances in assessment of risk and monitoring of soil, sediment and water quality

- 2a1 Innovative and combined approaches for high resolution site characterization
- 2a2 Passive sampling and mass flux measurements
- 2a3 Monitoring approaches for vapor intrusion and risk assessment
- 2a4 Advanced monitoring approaches for biodegradation assessment
- 2b1 Advances in *in situ* measurement and analytical techniques
- 2bSps Harmonization of analytical protocols for chemical analysis of contaminants
- 2c1 Soil-sediment-water interaction and system dynamics
- 2d1 Ecological indicators for the assessment of soil quality and recovery
- 2d2 Human health and environmental risk assessment: framework, tools and practice
- 2d3Sps Towards a decent and efficient procedure for groundwater quality assessment

3. Diffuse and emerging contaminants in the soil-sediment-water system

- 3a1 Transport processes of emerging contaminants
- 3b1 Risk management of diffuse and emerging contamination (1)
- 3b2 Risk management of diffuse and emerging contamination (2)
- 3d1 Policy strategies of environmental concerns of emerging contaminations (1)
- 3d2 Policy strategies of environmental concerns of emerging contaminations (2)

4. Advances in remediation technologies

- 4a1 Pilot and field scale biological reductive dechlorination (1)
- 4a2 Pilot and field scale biological reductive dechlorination (2)
- 4a3 (Bio)remediation of contaminants of emerging concern
- 4a4 Bioremediation of aliphatic/aromatic hydrocarbons and fuel-additives: (1)
- 4a5 Bioremediation of aliphatic/aromatic hydrocarbons and fuel-additives: (2)
- 4a6 Advances in *in situ* chemical oxidation (ISCO)
- 4a7 Advances in *in situ* chemical reduction (ISCR)
- 4a8 Advances in chemical remediation of heavy metal-polluted sites
- 4a9 Advances in nanoremediation technologies (1)
- 4a10 Advances in nanoremediation technologies (2)
- 4a11 Electro-based (bio)remediation technologies
- 4b1 Thermal treatment (1)
- 4b2 Thermal treatment (2)
- 4b3 Physical treatment
- 4b4 Challenges and complex issues
- 4bSps Workshop Bio-Geotechnology
- 4c1 Innovative technologies for treating PFAS (1)
- 4c2 Innovative technologies for treating PFAS (2)



- 4c3 Combining chemical and biological remediation
- 4c4 Combined remediation technologies to treat chlorinated contaminants
- 4cSps1 Foams for *in situ* treatments of vadose zones contaminated by hydrocarbons
- 4cSps2 How to bridge the innovation gap part 1
- 4cSps3 How to bridge the innovation gap part 2
- 4d1 Phytoremediation and ecological engineering and nature based solutions
- 4d2 Ecological engineering and nature based solutions
- 4dSps1 Nature based remediation of 1,4 Dioxane at a chemical plant (NL) – phytocontainment and biological source zone treatment
- 4dSps2 Constructed wetlands for cost-effective and energy-efficient remediation of plumes
- 4dSps3 Improving the management and rehabilitation of contaminated soils with low-cost technologies and methods

5. Strategies and management of contaminated land including legal, social and economic aspects

- 5aSps1 Legal day: International developments soil(remediation) policy
- 5aSps2 Legal day: International developments policy on soil, land and groundwater
- 5aSps3 Legal day: Soil, sediments and waste
- 5aSps4 Legal day: Technician meets lawyer
- 5aSps5 Economical day 1
- 5aSps6 Economical day 2
- 5aSps7 Economical day 3
- 5b1 Remediation goals and strategies (1)
- 5b2 Remediation goals and strategies (2)
- 5b3 Remediation goals and strategies (3)
- 5c1 Sustainable remediation (1)
- 5c2 Sustainable remediation (2)
- 5cSps1 Ports session
- 5cSps2 Progress in sustainable land management worldwide
- 5cSps3 Nature-based remediation workshop

6. Land stewardship

- 6a1 Valuation of soil-sediment-water systems
- 6bSps1 The implementation of soil and land-related Sustainable Development Goals at EU level
- 6bSps2 Towards land stewardship: The INSPIRATION Strategic Research Agenda on soil and land 1 year on...
- 6cSps1 Water Nexus as a source for innovation in the water security challenge
- 6dSps1 Exploring care, knowledge and agency as levers to Soil+Land stewardship

7. Land, soil, water and sediment in the circular economy

- 7a1 Circular land use and brownfield regeneration1
- 7a2 Sustainable soil management
- 7aSps1 How to implement innovative environmental technologies in society to gain value from degraded and polluted sites
- 7b1 Reuse and upgrading of materials for improved ecological functioning
- 7bSps1 Soil, sediment and groundwater in the circular economy – perspectives and opportunities
- 7bSps2 Soil energy as smart low carbon technology for cost-effective climate mitigation
- 7c1 Nature based solutions: effectiveness for long term ecosystem services for soil & water
- 7cSps1 Beneficial and nature-based sediment use as a resource for circular economy