Sessions

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)
Combining chemical and biological remediation

Combined remediation technologies to treat chlorinated contaminants

Foams for in situ treatments of vadose zones contaminated by hydrocarbons

How to bridge the innovation gap part 1

How to bridge the innovation gap part 2

Phytoremediation and ecological engineering and nature based solutions

Ecological engineering and nature based solutions

Nature based remediation of 1,4 Dioxane at a chemical plant (NL) – phytocontainment and biological source zone treatment

Constructing wetlands for cost-effective and energy-efficient remediation of plumes

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

Legal day: International developments soil(remediation) policy

Legal day: International developments policy on soil, land and groundwater

Legal day: Soil, sediments and waste

Legal day: Technician meets lawyer

Economical day 1

Economical day 2

Economical day 3

Remediation goals and strategies (1)

Remediation goals and strategies (2)

Remediation goals and strategies (3)

Sustainable remediation (1)

Sustainable remediation (2)

Ports session

Progress in sustainable land management worldwide

Nature-based remediation workshop

6. Land stewardship

Valuation of soil-sediment-water systems

The implementation of soil and land-related Sustainable Development Goals at EU level

Towards land stewardship: The INSPIRATION Strategic Research Agenda on soil and land 1 year on...

Water Nexus as a source for innovation in the water security challenge

Exploring care, knowledge and agency as levers to Soil+Land stewardship

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

Circular land use and brownfield regeneration

Sustainable soil management

How to implement innovative environmental technologies in society to gain value from degraded and polluted sites

Reuse and upgrading of materials for improved ecological functioning

Soil, sediment and groundwater in the circular economy – perspectives and opportunities

Soil energy as smart low carbon technology for cost-effective climate mitigation

Nature based solutions: effectiveness for long term ecosystem services for soil & water

Beneficial and nature-based sediment use as a resource for circular economy