



# AquaConSoil: Special Session 6a.1

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Title:

INSPIRATION – Linking Europeans’ Strategic Research Agenda on Spatial Planning and Land Use Management with AquaConSoil themes

Chair: Paul Nathanail

Organisers: Stephan Bartke (UBA, DE), Paul Nathanail (UNOTT, UK), Linda Maring (DELTA RES, NL), Sandra Boekhold (RIVM, NL), Uwe Ferber (SL, DE), Franz Makeschin (DIU, DE), Valérie Guerin (BRGM, FR), Detlef Grimski (UBA, DE)

The way Europeans steward their soil and manage the use of land is central to ensuring Europe’s transition to a sustainable future. Research and knowledge dissemination are fundamental prerequisites for informed land use and evidence-based policies. Smarter use of the services provided by land and the soil-sediment-water system may provide ongoing and new solutions for meeting societal needs without exasperating societal challenges.

With partners from 17 countries across Europe, the INSPIRATION project has developed a Strategic Research Agenda (SRA) for spatial planning, managing land and using soil-sediment-water system services sustainably. The SRA's topics were identified through a unique bottom-up process of engaging with over 500 key experts from academia, research funders and end-users from industry, policy making, regulators, municipalities and citizen groups.

This session will:

- Share information about INSPIRATION's Strategic Research Agenda (SRA) focusing on research needs related to integrated spatial planning, urban and contaminated land management;
- Identify priorities of AquaConSoil community, in particular potential funders and end-users, where to co-invest in specific themes;
- Facilitate a match-making towards implementation of these topics.

Participants will be invited to become part of the wider INSPIRATION community and to liaise with INSPIRATION’s activities in their home country.

## Session outline

1. Introduction: The unique INSPIRATION approach - Stephan Bartke (UBA, DE), project coordinator
2. Key note: The importance of the soil-water-sediment system for land management - Linda Maring (Deltares, NL).
3. INSPIRATION's Strategic Research Agenda, highlighting identified research topics related to integrated spatial planning, urban and contaminated land management - Paul Nathanail (UNOTT, UK)
4. Delegate discussions in six facilitated thematic groups according to the AquaConSoil topics. In each group participants will 1) identify priority topics from the SRA linked to the table theme, 2) specify their particular interests in the identified key topics, and 3) identify potential funders and funding interests.
  - a. Assessment and monitoring of soil, water and sediment quality – Valérie Guerin (BRGM, FR)
  - b. Risk assessment – Annette Gatchett (EPA, US)
  - c. Advances in remediation technologies – Corinne Merly (BRGM, FR)
  - d. Strategies and policies for pollution management and remediation – Stephan Bartke (UBA, DE)
  - e. Reuse and upgrading of land, water and sediment in the circular economy – Margot de Cleen (RWS, NL)
  - f. Sustainable use & spatial planning of the subsurface Spatial Planning – Linda Maring (Deltares, NL)
5. Closing remarks by the chair on the session results.

Contact:

Stephan Bartke ([stephan.bartke@uba.de](mailto:stephan.bartke@uba.de))

[www.inspiration-h2020.eu](http://www.inspiration-h2020.eu)

@inspiration4eu

