



INSPIRATION Strategic Research Agenda on soil and land -1 year later

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Title: INSPIRATION Strategic Research Agenda on soil and land – 1 year later...

Sub theme: 6b) The role of soil, water and sediment in relation to societal challenges and UN Sustainable Development Goals

Organisors Nele Bal (OVAM, BE), Stephan Bartke (UBA, DE), Sandra Boekhold (RIVM National Institute for Public Health and the Environment, NL), Marie Christine Dictor (BRGM, FR), Uwe Ferber (StadtLand, DE), Petr Klusacek¹ (Institute of Geonics, Academy of Sciences of the Czech Republic, CZ), Linda Maring (Deltares), Stanislav Martinat¹ (Cardiff University, School of Geography and Planning, Cardiff, Wales, UK)

Introduction

The way we steward our soil and manage our use of land is central to ensuring Europeans transition to a sustainable future. Research and knowledge dissemination are fundamental prerequisites for informed land use and evidence-based spatial planning policies. Smarter use of the services provided by 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 across Europe and beyond. 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 special session focuses on the progress of implementation 1 year after the INSPIRATION project ended. However, the contact points in participating countries decided to continue. 1 year after, it is time to evaluate our outputs and outcomes.

This session will:

- Share information about INSPIRATION's Strategic Research Agenda (SRA and online platform) for Europe, focusing on research needs demands related to integrated spatial planning, urban and contaminated land management;
- Present follow up activities concerning implementation of the agenda: the funder network SOILVER
- Discuss on upcoming trends and research needs 1 year after
- Discuss on possibilities to cooperate

Session outline

1. INSPIRATION Strategic Research Agenda, including identified research topics related to integrated spatial planning, urban and contaminated land management SRA - Stephan Bartke (UBA, DE) (10 minutes)
2. Implementation of the SRA: SOILVER network – Nele Bal (OVAM, BE) (10 minutes)
3. Facilitated delegate discussions in a world café setting as described below.
In three rounds of 20 minutes, the groups can discuss on their choice of three of the following topics:

- trends and research needs on: urban soils
- trends and research needs on: agricultural soils
- trends and research needs on: nature and forest soils
- trends and research needs on: sediment management
- trends and research needs on: surface and groundwater

¹ If other abstracts are approved

The attendants verify research topics and identify new trends, individual and national priority research needs related to land use, land management and the use of the soil-water-sediment system.

4. Closing remarks by the moderator on the session results. (10 minutes)

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