



SOILveR Soil Health webinar series

WELCOME

#0 Webinar “Setting the scene in different countries”

5 November 2024

Technical instructions / house rules

- Keep your microphone on "mute"
- Please turn off your video
- If you have any questions, please use the chat

#0 webinar “Setting the scene in different countries“



AGENDA

- 14:00 hrs** **Welcome and introduction to the Soil Health Webinar series**
Marta Popova (SPAQUE and Chair of the SOILveR Platform)
- 14.10 hrs** **Soil health concept in the Soil monitoring law proposal**
Mirco Barbero (European Commission)
- 14.25 hrs** **Setting the scene on current Soil Health management in the SOILveR countries/regions:**
- 14:25 hrs** **France, Cécile Grand (ADEME)**
- 14:45 hrs** **Belgium/Wallonia, Esther Goidts (Public Service of Wallonia - SPW ARNE)**
- 15:05 hrs** **The Netherlands, Margot de Cleen (Ministry of Infrastructure and Water Management)**
- 15:25 hrs** **Spain/Basque Country, Ana Alzola (IHOBE)**
- 15:45 hrs** **Sweden, Yvonne Ohlsson (Swedish Geotechnical Institute)**
- 16.05 hrs** **Wrap-up and next steps**
- 16.15 hrs** **End of the meeting**



What is SOILveR?

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A self-financed platform for **knowledge development** and **knowledge exchange** on soil and land management.

Our mission and motivation:

- facilitate collaboration between experts, policy makers and other stakeholders to improve methodologies and tools and providing guidance towards a better management of soil
- highlight the benefits of collaboration among SOILveR members and external experts on shared interests, and how these joint efforts can drive progress on key issues

SOILveR members



Ministry of Infrastructure
and Water Management



For more details: <https://soilver.eu/>

2018 – 2025 From knowledge to Solutions

2022 EU Soil Strategy & Law Knowledge meetings

Soil monitoring schemes in several European countries
Sustainable land use beyond agriculture and forestry
Soil Certificates and Soil Passports

2024-2025 Soil Monitoring Law Soil Health Webinar Series

#0 - Setting the scene
#1 Soil Management and land planning
#2 Recycling brownfields
#3 Contaminated site management
#4 Concept of Technosol

Launch of **SOILveR**



2018

2019

2022

2023

2024

2025

2019 Call – “Recognizing and caring for soil and land as assets”

3 Research projects funded

PREMISS -Prioritization of emerging contaminants

MISSOURI - Micro plastics in soil and groundwater

SOILVAL - Recognising SOIL VALues in Land use planning systems

Coffee breaks, seminars

Biochar

SANISOL

PFAS

Oral bioaccessibility

Lead - webinar i.c. with CF / EEA-EIONET

Coffee breaks, webinars:

POSIDON In-situ remediation technics

Ecological Index of concern

Bioaccessibility Human exposure:

Oct 2023 - expert meeting

Dec 2023 -Kick-Off Work Group

WG: Bioaccessibility & Human exposure

EXPOSED? – Human Metal Exposure Research project, facilitated & supported by SOILveR

Coffee breaks, seminars

Invasive species – 5 July

EDAPHOS - Nov 29th

EXPOSED? - Dec 6th

Soil Health Webinar Series

#0 - Setting the scene, Nov 5th

WG: Bioaccessibility & Human exposure

Soil Health Webinar Series

#1 Soil Management and land planning

#2 Recycling brownfields

#3 Contaminated sites management

#4 Concept of Technosol

SAVE THESE DATES for the next WEBINARS on Soil Health in 2025



#1 Soil Management and land planning	24 January 09:30 – 11:30
#2 Recycling brownfields	4 April 09:30 – 11:30
#3 Contaminated sites management	12 September 09:30 – 11:30
#4 Concept of Technosol	7 November 09:30 – 11:30

STAY TUNED!

Consult our webpage : <https://soilver.eu>

Follow us on LinkedIn : [SOILveR, European knowledge platform on soil and land management | Groups | LinkedIn](#)

As we explore the proposal for a **European Soil Monitoring Law**, this webinar series will address **key questions**, including:

- The availability of soil health data
- Scale of analysis and decision
- Soil measurements to be taken
- Aggregate soil measurements and build an integrated soil health index
- Available tools to assess soil health
- Sustainable measures to preserve or restore soil health
- Technical and legal constraints for soil management, etc.

... But also concerns related to **stakeholders' engagement** and **transformation challenges**

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We plan to review the different aspects of Soil Health in **four different webinars**:

#1 Soil Management and land planning

How to ensure and protect healthy soils in both urban and rural areas? Which land planning or other policy tools are useful to ensure healthy soils inside and outside cities? How to implement the NO NET LAND TAKE principle?

#2 Recycling brownfields

How to assess soil health at an urban project scale? How to integrate Soil Health when renewing urban areas and recycling brownfields?

#3 Contaminated site management

How to evaluate and restore soil health to improve the management of polluted soil towards? How to manage contaminated soil in a sustainable way (phytomanagement, NBS)?

#4 Concept of Technosol

Can Technosol be or become healthy soils? Can Technosol contribute to nature-based solutions for land reclamation/ land recycling and preservation of healthy soils? How to create new healthy soils from excavated soils?

The **OUTCOMES** of these webinars are to provide input for SOILveR to plan further activities related to healthy soils, such as :

- Sharing of **methodologies for soil health assessment**
- Integration of existing knowledge in **urban soil management**
- Identification of **knowledge gaps** and **knowledge needs**
- Development of **partnerships**, link to current and future **LIVING LABS**

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Wrap-Up: Key Takeaways

- **Data Needs:** Assess soil health effectively and at appropriate scales while linking soil data to its functional roles.
 - **Managing Contaminated Sites:** Focus on holistic approaches beyond risk-based management to address soil contamination.
 - **Challenges of Circular Economy & Pollutants:** Ensure soil health, recognizing that soil is often the last compartment considered in pollution management.
 - **Policy Synergies:** Integrate soil health into broader policies, such as environmental and urban planning, to achieve unified outcomes.
 - **Integration into Policies:** Create decision-making tools for various administrative levels, with an emphasis on local responsiveness.
 - **Collaboration:** Encourage inter-institutional cooperation to harmonize diverse interests in soil management and land use.
- ➡ Aligning data, tools, and policies on soil health helps drive sustainable land use. Let’s continue to work together to value and protect soil as a living resource.

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Agenda 2024 - 2025

Coffee break meetings 2024

- 29 November 2024 11:45 – 12:30 hrs SOIL Monitoring, Ecological Risk Assessment and Ecosystem services evaluation under EU funded project EDAPHOS
- 6 December 2024 11:45 – 12:30 hrs EXPOSE? project

Webinar series on 'Integration of Soil Health in decision-making processes at various scales'

- 5 November 2024 14:00 – 16:15 hrs Concept of Soil Health and setting the scene in the SOILveR – countries (France, Belgium, Netherlands, Basque Country and Sweden)
- 24 January 2025 9:30 – 11:30 hrs Soil management and Land planning
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SOILveR, European knowledge platform on soil and land management

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Thank You!

Looking forward to further collaboration and research
to protect and restore our soils!

Marta POPOVA

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Chair of SOILVER