



SOILveR webinar series on Integration of Soil Health in decision- making processes at various scales

WELCOME

#1 Webinar “Soil management and Land planning”

24 January 2025



What is SOILveR?

What is SOILveR?

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



2018 – 2025 From knowledge to solutions

Launch of **SOILveR**



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

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

Soil Health Webinar Series

#0 - Setting the scene, Nov 5th

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

#1 Soil Management and land planning

#2 Recycling brownfields

#3 Contaminated sites management

#4 Concept of Technosol

WG: Bioaccessibility & Human exposure

SOILveR #1 webinar “Soil management and Land planning“

#0 Setting the scene in different countries	5 November 2024 14:00 - 16:15
#1 Soil Management and land planning	24 January 2025 09:30 – 11:30
#2 Recycling brownfields	4 April 2025 09:30 – 11:30
#3 Contaminated sites management	12 September 2025 09:30 – 11:30
#4 Concept of Technosol	7 November 2025 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](#)

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**



***Soil management and
land planning
Webinar***

Topics for webinar #1

Questions Webinar #1

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?



Audience

Format for the webinar

Public authorities, policy makers

Interactive

Soil experts (incl. academia)

Interaction before, during and after the webinar

Spatial planners, designers

Use a platform like Miro to gather interesting ideas in this three moments

9:30 hrs **Welcome and introduction**
Ana Alzola, SOILveR

9:40 hrs **Overarching view**
moderator *Fransje Hooimeijer, Associate Prof. Environmental Technology & Design, TU Delft*

"Spades: Spatial planning and design with Soil"
Associate Prof. Fransje Hooimeijer TU Delft

"Soil-based urban design for climate-resilient and inclusive cities"
Professor Dr. Antoine Vialle TU Berlin

"Some land-use planning mechanisms for safeguarding the health of urban soils in Wallonia and Brussels"
Professor Alain Malherbe, University of Louvain

"Soil health measurement in rural areas : gaps, needs, challenges and opportunities"
Brieuc Hardy, Senior researcher in Soil science CRA-W / University of Louvain

10:10 hrs **Methodologies to assess Soil health in practice**
Moderator Lur Epelde, NEIKER

An index for assessing urban soil health in Amsterdam
Amanda Matson, PhD, Senior Scientist Wageningen Environmental Research

Integrating soil health in land planning documents: feedback from France
Cécile Le Guern, BRGM

Indicators of Soil functions and Soil Quality
David Montagne, UMR ECOSYS, Saclay

10:50 hrs **Case studies - breakout session**

Land capability classification for agricultural purposes in Vitoria-Gasteiz (Basque Country)
Ana Aizpurua, NEIKER

Designing for the Vital Soil in Urban Areas
Gintare Norkunaite Urban planner, PosadMaxwan

Soil management and land planning come together in Upgrading Sandy Soils
Margot de Cleen, Ministry of Infrastructure and Water Management

11:10 hrs **Panel discussion**
moderator *Esther Goidts, SOILveR*

11:25 hrs **Wrap up & next steps**
Cécile Grand, SOILveR



European knowledge
platform on soil and
land management

#1 webinar “Soil management and Land planning“

A G E N D A

AGENDA

OVERARCHING VIEW

Moderator **Fransje Hooimeijer, Associate Prof. Environmental Technology & Design, TU Delft**

"Soil-based urban design for climate-resilient and inclusive cities" **Prof. Dr. Antoine Vialle TU Berlin**

"Some land-use planning mechanisms for safeguarding the health of urban soils in Wallonia and Brussels" **Prof. Alain Malherbe, University of Louvain**

"Soil health measurement in rural areas : gaps, needs, challenges and opportunities" **Brieuc Hardy, Senior researcher in Soil science CRA-W / University of Louvain**

METHODOLOGIES TO ASSESS SOIL HEALTH IN PRACTICE

Moderator **Lur Epelde, NEIKER**

"An index for assessing urban soil health in Amsterdam" **Amanda Matson, PhD, Senior Scientist Wageningen Environmental Research**

"Integrating soil health in land planning documents: feedback from France" **Cécile Le Guern, BRGM**

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CASE STUDIES - BREAKOUT SESSION

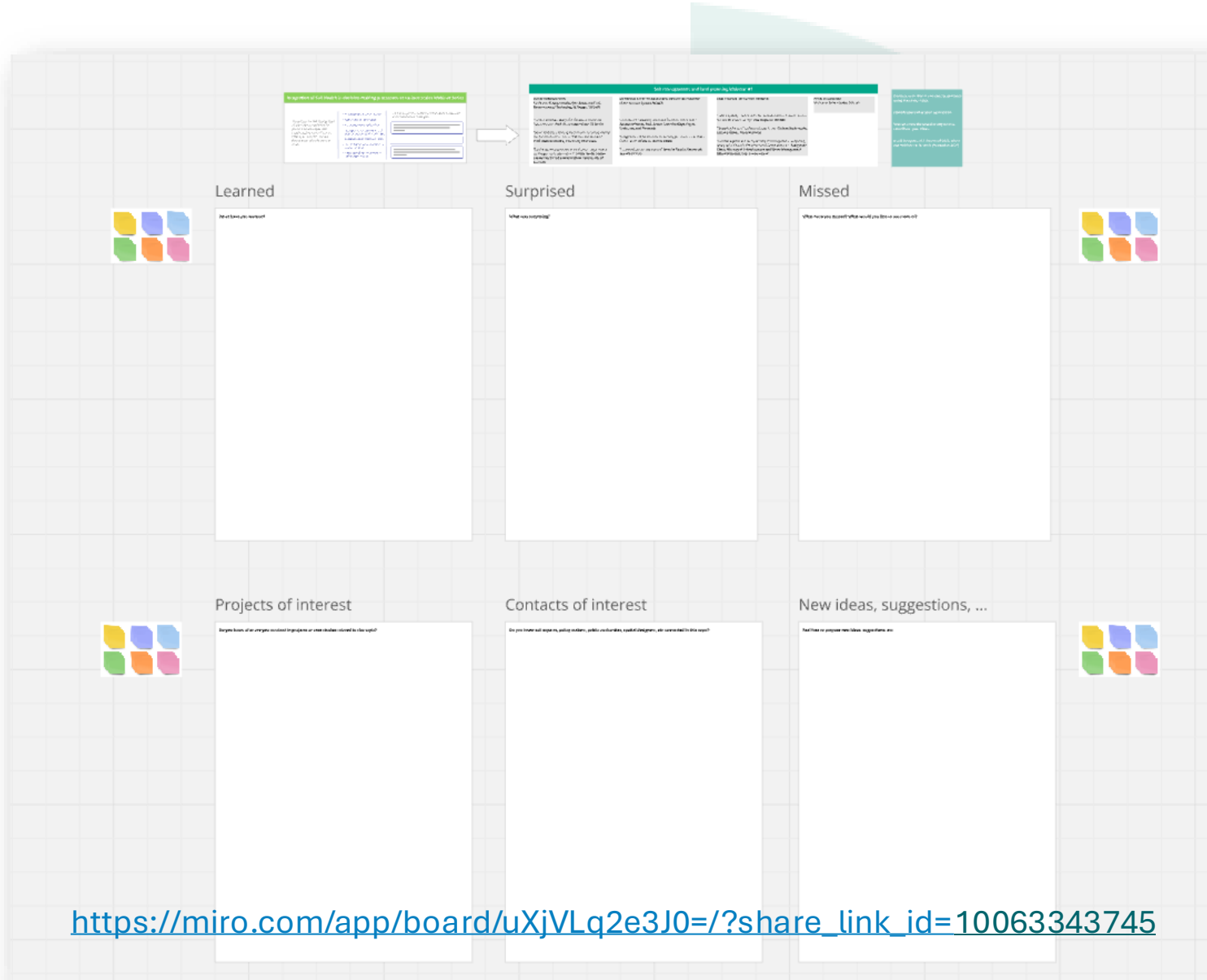
"Land capability classification for agricultural purposes in Vitoria-Gasteiz (Basque Country)" **Ana Aizpurua, NEIKER**

"Designing for the Vital Soil in Urban Areas" **Gintare Norkunaite, Urban planner, PosadMaxwan**

"Soil management and land planning come together in upgrading sandy soils. Casus in the province of Gelderland, NL" **Margot de Cleen, Ministry of Infrastructure and Water Management Rijkswaterstaat, Dep. Environment**

PANEL DISCUSSION

Moderator **Esther Goijts, SOILveR**



The screenshot shows a Miro board with a grid background. At the top, there is a navigation bar with three tabs: "Soil management and Land planning #1" (selected), "Soil management and Land planning #2", and "Soil management and Land planning #3". Below the navigation bar, there are six sticky notes arranged in a 2x3 grid. Each sticky note has a title and a small icon of four colored squares (yellow, blue, green, pink). The sticky notes are:

- Learned**: What have you learned?
- Surprised**: What was surprising?
- Missed**: What features support what would you like to see more of?
- Projects of interest**: Describe how the project related to progress or new studies related to the topic?
- Contacts of interest**: Do you know of any policy makers, public authorities, youth of farmers, etc. connected to the topic?
- New ideas, suggestions, ...**: What are your previous ideas, suggestions, etc.

MIRO BOARD!

Come and contribute with your ideas!!
Open until the end of the year!!

https://miro.com/app/board/uXjVLq2e3J0=?share_link_id=10063343745