



CHANNELLING
COLLECTIVE ACTION TOWARDS
ZERO POLLUTION

Dear INSOP members,

This is your quarterly update from the International Network on Soil Pollution



📌 Open call for INSOP members to develop SOP for determining residue of pesticides in soil using the QuEChERS Method

As part of the Assessment WG, INSOP is developing a Standard Operating Procedure (SOP) for determining the residue of pesticides using a QuEChERS method. As of today, 49 soil laboratories shared their QuEChERS method analyses from 14 countries. If you have experience determining pesticide residues in soil using the QuEChERS method and would like to be the author of FAO SOP protocol, do not hesitate to express your interest to the INSOP secretary.

📌 Soil pollution national threshold values database

As part of the Assessment WG, INSOP has collected the national threshold values for heavy metals and pesticides from 28 countries. INSOP, in partnership with the Common Forum, will organize a workshop to showcase countries with national threshold values and what should be done to bring more on board. The date is yet to be confirmed.

📌 Soil Pollution in the Soil Doctors Programme

The Food Safety WG and 56 members who expressed an interest in developing soil pollution educational material held a technical meeting to review the current posters on [‘What is Soil Pollution’](#) and [‘How to prevent soil pollution on agricultural fields’](#). In the technical meeting, it was agreed to revise the posters with the new material to be published in May 2024. The next WG meeting will focus on developing soil pollution caused by pesticide posters. The date is yet to be confirmed.

📌 Checklist for soil remediation peer review

As part of the Remediation WG action plan, INSOP members were encouraged to participate in the peer-review process of the checklist for soil remediation document. A total of 23 INSOP members

from 19 countries participated in the peer-review. The secretary is working on improving the checklist, and its publication is expected in June 2024.

📌 Updating SoiLEX with relevant soil pollution regulations

As part of the Monitoring WG action plan, INSOP members are updating the FAO [SoiLEX](#) platform with up-to-date legal instruments related to soil pollution prevention, monitoring, and remediation in each country. If you are interested in updating SoiLEX and represent your country, please do not hesitate to express your interest to the INSOP secretary.

Thank you in advance for your support.

Kind regards,

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📌 Horizon Europe Work Programme 2023-2025: Missions and Cross-cutting Activities

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2023-2024/wp-12-missions_horizon-2023-2024_en.pdf

Date	Venue
8 May, 2024	Online

For the Soil Mission, nine topics with a budget of €134.5 million are available for project proposals. The call opens on **8 May**, and the submission deadline is **8 October 2024**. Complementary, the EC organizes the [Missions Brokerage Event](#) on 21-22 May 2024, in online mode.

📌 IUSS centennial celebration

<https://centennialiuiss2024.org>

Date	Venue
19-21 May, 2024	Florence, Italy

From 19 to 21 May, the **IUSS** will celebrate its centennial in Florence, Italy with three days of conferences addressing civil society needs in **agriculture, forestry, environment, urban planning, energy, education, and other** areas.

FAO and its GSP, a long-standing collaborator of the IUSS, will strive to bring their expertise to this historic event. Attend our **two dedicated sessions** and the presentation of **numerous abstracts**, and **make sure to visit the FAO booth in the plenary meeting room** (auditorium), where INSOP and other GSP technical networks will be delighted to present the latest products and tools.

GLOSOLAN-Spectroscopy webinar– Spectral sensing for soil contamination: From ground to space

<https://www.fao.org/global-soil-partnership/resources/events/detail/en/c/1679537/>

Date	Venue
30 May	Online

The industrial revolution and associated demographic growth have led to increased environmental contamination by various chemical compounds related to human activities. Industrial and mining activities have notably been at the origin of legacy soil contamination. Depending on their toxicity and persistence in the environment, contaminants can alter the physical, chemical, and biological properties of soils and raise ecosystem and human health concerns. Over the last few decades, promising solutions based on spectral sensing have emerged for monitoring contaminant release, fate and effects on soils and plants, from the field to higher-scale applications. A wide variety of approaches coupling sensor-based data to plant and soil sciences have been proposed for detecting and assessing soil contamination directly or indirectly, opening the way to surveying contaminated areas and characterizing the impacts of anthropogenic activities on the environment. This webinar addresses various aspects of soil contamination monitoring over space and time using spectral sensing. [REGISTER LINK](#).

TeRRaenVISION Conference- Call for abstracts

<https://terraenvision.eu>

Date	Venue
8-11 July	Valencia, Spain

[TeRRaenVISION conference](#) will take place from **8–11 July 2024** in Valencia, Spain and will cover five themes related to this year's topic:

- Nature-Based solutions to facilitate the transition for living within the Planetary Boundaries.
- Nature-based solutions for agriculture and natural areas (soil, water and landscape).
- Nature-based solutions for natural hazards (fire, floods and droughts).
- Nature-based solutions for urban and industrial areas (soil, water and spatial planning).
- Methodologies: how to measure processes and impact of nature-based solutions.
- Science brokers for transitioning to a climate-resilient and circular society.

[Call for abstracts is open until 1 June 2024](#)

NORDROCS 2024- Registration now open

https://event.trippus.net/Home/Index/AEAKgIMPZBjFqGxDAHcmnHguZEgk1sDiG8D4zGqOS3xe6PNLDiKtdsliWziEHkRfrXvCyRv3nsCY/AEAKgIPputRmTCG4LxXRTb4Gnfiz4GNc9jcli_VHHCjzec3tYA-Z_CFDzZG2TmGR1tCPTtIS4BT7/eng

Date	Venue
9-12 September	Uppsala, Sweden

NORDROCS conference from 9–12 September 2024 in Uppsala, Sweden, aims to share knowledge and foster new relationships between professionals within the field of contaminated sites in the Nordic countries and Europe. It is a joint event by Sweden, Finland, Denmark and Norway and this year also Iceland. The topics range from PFAS to sediments over soil investigation, indoor air, digital tools, remediation to soil as a resource.

[Link to the program](#)

[Link to the registration](#)

CleanUp Conference 2024

<https://adelaide2024cleanupconference.com>

Date	Venue
15-19 September	Adelaide, Australia

The 10th International Contaminated Site Remediation Conference will take place in Adelaide, Australia. The conference will address the biggest issues facing the remediation community. The program brings together research and industry best practices, drawing on experience from Australian and international markets. Join delegates from Australia and around the world, representing all relevant areas of government, regulators, research and industry. Build professional skills at conference workshops on PFAS management, human health risk assessment, bioremediation and more.

RemTech Europe

<https://remtechexpo.com/remtech-europe/>

Date	Venue
16- 20 September	Hybrid (online and Ferrara, Italy)

RemTech Europe, International Conference and Exhibition on land and water remediation markets and technologies, is scheduled for 16-20 September 2024.

The aim of the conference is to share information on knowledge, innovation and case histories, to encourage the development of remediation processes and the application of new and sustainable technologies and bring together experts, problem owners and suppliers of available services and

technologies. RemTech Europe also provides a platform for discussion between stakeholders. The agenda is rich and is designed to promote the sharing of knowledge and intercommunication between all relevant parties. It involves all leading European stakeholders, but it is open to all other continents. The conference is fully in English.

One of the scopes of Remtech Europe is to spread know-how and technologies worldwide; for this reason, the participation of any attendants is completely **FREE OF CHARGE**.

It is promoted by RemTech Expo, the most important Italian event on remediation technologies, and European Commission's Joint Research Centre (JRC) is part of the scientific committee.

Global Soil Partnership Global Symposium on Soil Information and Data (GSID24)

https://forms.office.com/pages/responsepage.aspx?id=aMQ6Frir0ESB_dnbFeOvlkz0GN8fXZZNrzApfNUh4zxUMDc2MjdHTOM3UUpMVUIUQUtHNTRQNTBVVi4u

Date	Venue
25-28 September	Nanjing, China

The GSID24 symposium will take place in Nanjing, China, from September 25th to 28th, 2024. **Abstract submissions are now open until May 10th, 2024.** Share your research on soil data and information with the soil community by submitting an abstract. Accepted submissions will have the opportunity for oral or poster presentations at the symposium. Ensure your abstract meets the guidelines provided in the template. We welcome your contributions to GSID24. Abstracts should focus on one of the **four themes** provided and **must not exceed 3,000** characters in length (excluding spaces, title paragraph, and references)

1. Theme 1- Mainstreaming Soil Data: Innovations in Analysis, Standardization, Harmonization and Communication
2. Theme 2- Advances in soil mapping and monitoring
3. Theme 3- Soil data for Policy and Decision-making
4. Theme 4- Soil data as a common good

Please note that figures and tables are not permitted in the abstract. Read more on the Symposium webpage: <https://www.fao.org/global-soil-partnership/gsid24/en/>
Check the concept note:

https://www.fao.org/fileadmin/user_upload/GSP/GSID24/GSP_GSID_24_SaveDate_EN.pdf

E-learning courses on Pesticide Registration Toolkit

<https://elearning.fao.org/course/view.php?id=936>

The FAO [Plant Production and Protection Division](#) (NSP) and FAO e-learning academy, together with the European Union, the Swedish Chemicals Agency (KEMI) and the Inter-Organization Programme for the Sound Management of Chemicals (IOMC), including WHO, UNDP, ILO, UNEP, UNITAR, OECD, UNIDO, World Bank and FAO are extremely pleased to announce the publication of the joint certified e-learning course: "Pesticide Registration Toolkit", available free of charge, as a global public good, through the FAO e-learning academy:

In this course, you will learn about:

- The use of pesticides in agriculture and public health, and the associated benefits and risks.
- The importance of pesticide registration.

- FAO's role in pesticide management.
- Contents and structure of the Pesticide Registration Toolkit.
- Pesticide registration strategies.

The course is available at: <https://elearning.fao.org/course/view.php?id=936>