



Food and Agriculture
Organization of the
United Nations

Prof Ravi Naidu Progress of the International Network on Soil Pollution (INSOP) 2023

GLOBAL SOIL PARTNERSHIP

11th Plenary Assembly

12-14 July 2023



What is the INSOP?

- Part of the Global Soil Partnership
- Launched in April 2022, focuses on minimizing soil pollution and achieving the global goal of **Zero Pollution**
- Targets both diffuse and point source contamination and
- Conventional and emerging contaminants
- **Six areas of work**



INSOP Governance



GSP

Global Soil Partnership, FAO



Deyi Hou

INSOP Vice-Chair



Ravi Naidu

INSOP Chair

Sergejus Ustinov



INSOP coordinator

Ahmad Mahdavi

Helen Karasali

Assessment WG



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Mapping WG

Claudia E Lima de Silva

Monitoring WG



Scott D. Warner

Fang Wang

Remediation WG



David O'Connor

Food Quality WG



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Soil and water WG

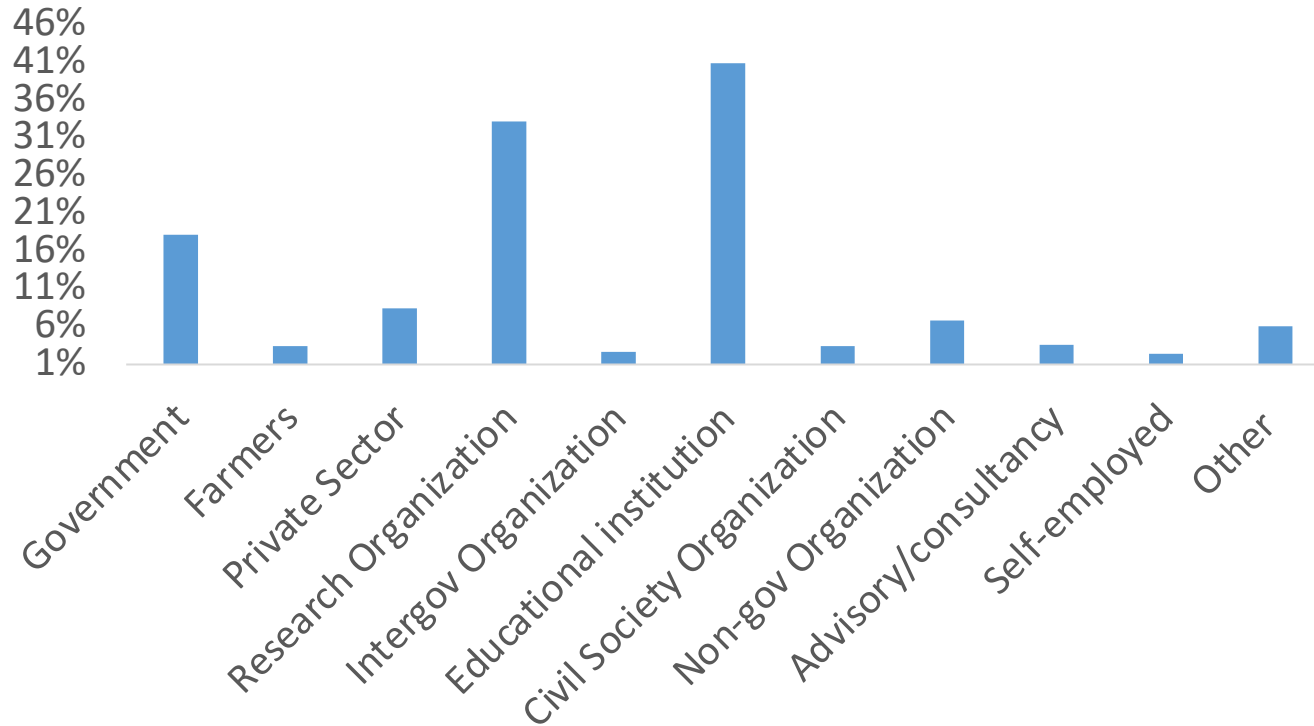
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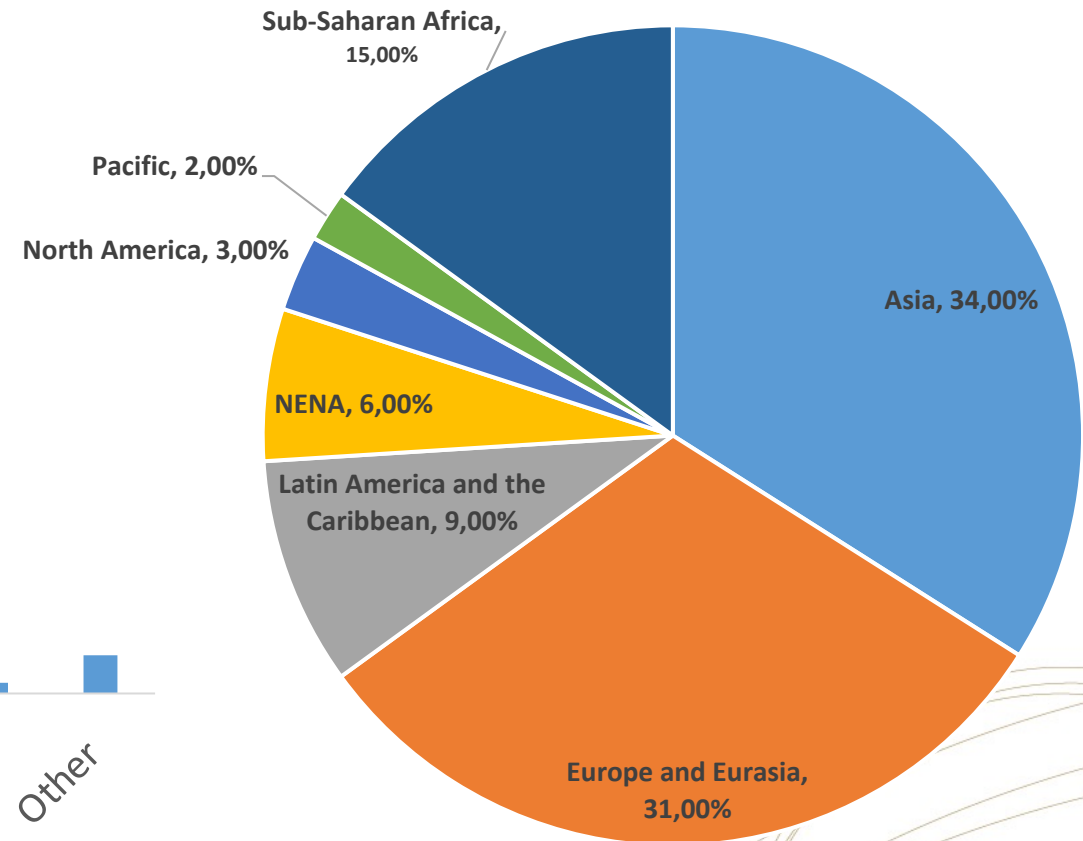
INSOP members

- 850 members from 116 countries

INSOP members types of organizations



INSOP regions



INSOP ongoing activities

Task	Outcome	Status
Finalize Technical Guidelines on soil pollution	Technical Manual on assessing, mapping, monitoring and reporting polluted soils	Ongoing
Review heavy metals Standard Operating Procedures (SOPs) in close cooperation with GLOSOLAN	SOPs for contaminants of major concern	Ongoing
Project development on restoring war-affected soil health	Strengthen capacities of nations to assess and restore war-affected soil health	Ongoing
Project development on soil pollution in Small Island Developing States (SIDS)	Strengthen capacities of SIDS to prevent soil pollution and promote nature-based remediation technologies	Ongoing
Global initiation to assess the distribution of heavy metals in mineral and organic fertilizers in close cooperation with INFA	Advocate for improved regulation and protection of soil from fertilizers pollution	Ongoing
Reducing soil pollution risks in agricultural systems. A case study of cadmium in cocoa beans from Trinidad and Tobago and Ecuador	Conceptual site model development with environmental and human health risks and recommendation practices	Completed

INSOP action plan 2023-2025

- Create the Online database on best available techniques for managing and remedying polluted soils
- Soil Doctors Programme farmers training on prevention and mitigation from soil heavy metals and pesticide pollution
- Advocate for the inclusion of contaminants content in fertilizers label information sheet in line with the Fertilizer Code of Conduct
- Analyse fertilizer quality in order to understand contaminants and nutrients load and risks to soil and human health
- Identification of indicators relevant to the groundwater assessment affected by soil pollutants



How can Plenary Assembly support INSOP?

- **Encourage** capacity building relating to environmental contamination
- Bridging **gender gap** by encouraging women to participate in soil pollution
- **Contribute** to the compilation of national information on polluted soils.
- **Participate** in efforts to prevent, regulate and control soil pollution.
- **Advocate** for the consideration of soil pollution in all related fora, e.g. One Health.
- **Fund INSOP activities**, from awareness raising and capacity building to field demonstrations to manage and remediate polluted soils.



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