



Food and Agriculture
Organization of the
United Nations

LAUNCH OF THE INTERNATIONAL NETWORK ON SOIL POLLUTION (INSOP)

22 APRIL 2022

12:00 to 13:30 CEST

VIRTUAL FORMAT (ZOOM)



Discussion of the objectives and priorities of the working areas

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INSOP goals: Short to medium-term goals

Timeframe	Task	Outcome
Short-term goals	Finalize technical manual	Technical Manual on assessing, mapping, monitoring and reporting polluted soils
	Identify the main soil contaminants and laboratory methodologies in order to develop standard operating procedures (SOPs) in close cooperation with GLOSOLAN	SOPs for contaminants of major concern
	Analyze national soil legislation and identify the most common and minimum requirements addressing soil pollution	Policy brief on soil pollution legislation
	Finalize the Online database on best available techniques for managing and remedying polluted soils, in consultation with NETSOB	Online database on best available techniques for managing and remedying polluted soils
Short to medium-term goals	Gather existing threshold values of soil contaminants	Global database of soil contaminants threshold values
	Identify all key stakeholders and develop the vision, mission and action of the Global Soil Pollution Observatory	Global soil pollution observatory

Short-term goal survey response

ANSWER CHOICES	RESPONSES	
Assessment/Monitoring: Finalize the technical manual on soil pollution	57.77%	197
Assessment: Identify the main soil contaminants and laboratory methodologies in order to develop standard operating procedures (SOPs) in close cooperation with GLOSOLAN	51.61%	176
Monitoring: Analyze national soil legislation and identify the most common and minimum requirements addressing soil pollution	51.61%	176
Remediation: Finalize the Online database on best available techniques for managing and remedying polluted soils, in consultation with NETSOB	61.29%	209
Total Respondents: 341		

INSOP goals: Medium-term goals

Timeframe	Task	Outcome
Medium-term goals	Develop SOPs for other soil contaminants, including emerging contaminants in cooperation with GLOSOLAN	SOPs for other soil contaminants
	Develop the methodology to map soil pollution/contaminants and identify data gaps in close cooperation with INSII	Global soil pollution map(s)
	Develop indicators and guidelines for assessing the risk/toxicity of soil pollution on human health and the environment	Human-health and environmental monitoring guidelines National voluntary indicators developed within the 2030 Agenda and other international commitments
	Establish a capacity building program on the full cycle of soil pollution, from assessment to monitoring and the application of SOPs	Soil pollution included in EduSOILS, the Global Soil Doctors programme, and GLOSOLAN capacity-building programme

Medium-term goal survey response

ANSWER CHOICES	RESPONSES	
Assessment: Contribute to the development of soil pollution indicators to determine soil health	63.55%	211
Assessment: Gather existing threshold values of soil contaminants	44.88%	149
Mapping: Develop the methodology to map soil pollution/contaminants and identify data gaps in close cooperation with INSII	36.14%	120
Monitoring: Develop indicators and guidelines for assessing the risk/toxicity of soil pollution on human health and the environment	52.11%	173
Remediation: Establish a capacity building program on the full cycle of soil pollution, from assessment to monitoring and the application of SOPs	59.64%	198
Total Respondents: 332		

INSOP goals: Long-term goals

Timeframe	Task	Outcome
Long-term goals	Develop a global range of threshold values for soil contaminants (soil guideline values) under different land uses	Global soil guideline values
	Help to establish national legislation on soil pollution prevention, control and remediation, including risk assessment approaches	National legislation on soil pollution developed/strengthened
	Develop national capacities and strengthen technology transfer for the sustainable remediation and management of polluted soils	Sustainable remediation (including NbS) to treat polluted soils and to enhance soil health and biodiversity applied at national level

Long-term survey response

ANSWER CHOICES	RESPONSES
Assessment: Develop a global range of threshold values for soil contaminants (soil guideline values) under different land uses	57.78% 193
Monitoring: Help to establish national legislation on soil pollution prevention, control and remediation, including risk assessment approaches	57.49% 192
Remediation: Develop national capacities and strengthen technology transfer for the sustainable remediation and management of polluted soils	71.26% 238
Total Respondents: 334	

Open Discussion: Survey response suggestions

Suggested topics on additional INSOP activities

Priority pollutants (MP's, Pesticides, antibiotics) and the development of analytical methods for them

Desert/nuclear pollution contaminated areas

Generating databases for Life Cycle Assessment

Standardization of bioassays and biological/ecological assessments

Assessment of pollution related organisms in soil using eDNA metabarcoding

Other topics...



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Thank you for your attention

