

# INSOP Food Quality working group meeting

Farmers training and soil pollution indicators in the One Health approach

14 December 2023





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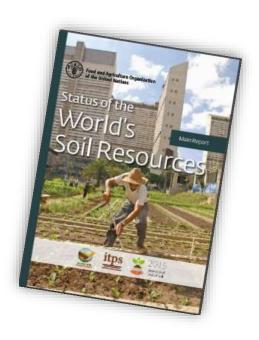


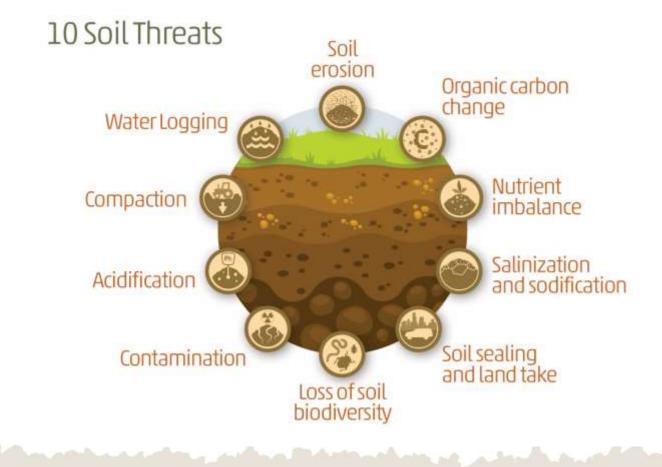


The Global Soil Doctors Programme was developped as a response to the main global challenges



### Yet the world's soils are at risk



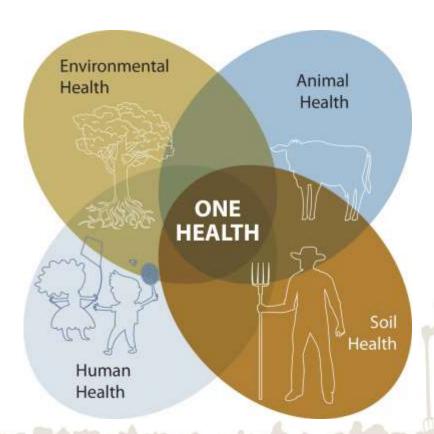




### Soils are a key resource



# Farmers are the agents of change









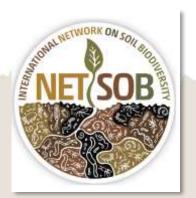
# Scientific inputs and feedback











English Español

#### Global Soil Partnership



#### About the Programme

How to get involved

Educational material

Implementation steps

Implementation sites

Publications and events

#### Welcome to the Global Soil Doctors Programme

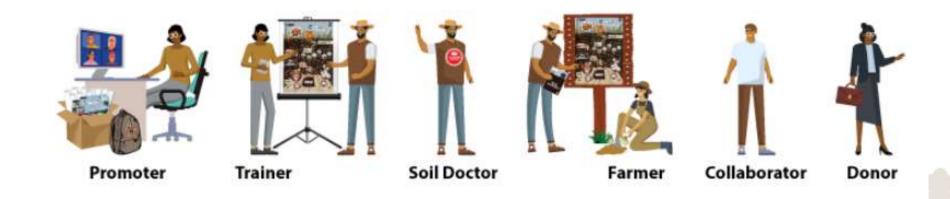
A farmer-to-farmer training platform

The Global Soil Doctors Programme is a farmer-to-farmer training initiative that aims to build the capacity of farmers on sustainable soil management while supporting national governments and stakeholders in addressing the needs of their rural communities. This online platform provides support for farmers, policy makers, development planners, agricultural extension workers, NGOs, private sectors and any other practitioner/stakeholder interested in transmitting the importance of soil as a vital resource.

Check out this poster or read the Terms of Reference for more information about the implementation process. For any inquiries, please get in touch with soll-doctor@fao.org

#### How to get involved

Anyone can join the Global Soil Doctors Programme and contribute to the selection and training of Soil Doctors all over the world. Members of extension services, private sector, farmer associations, academia, soil science societies as well as independent actors, can be actively involved in the capacity building process. Moreover, the programme can benefit from the contribution of any actor who would like to share training materials, tutorials, local knowledge and field experiences through this website.



Academia

**Farmers** 

Government

Agro dealers

### **Educational material**



# Training modules

#### Example: Module 1 Soils for nutrition

Topic	Soil 4 Nutrition	
Objective	Emphasize the role of soil nutrients and soil structural components for agricultural production, food security and nutrition. Identify the best soil conditions that optimize plant nutrients uptake	
Posters	What is soil?, How to enhance soil organic matter? What is soil ph?, How to manage soil nutrients?	
Field exercises	Qualitative assessment of soil physical, chemical and biological properties.  **Roots**  **Production of soil physical, chemical and biological properties.**  **Todare**  **T	
Evaluation	Final evaluation of soil condition and recommendations on SSM practices	

## Posters' overview: 27 posters available





























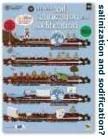
















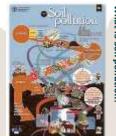




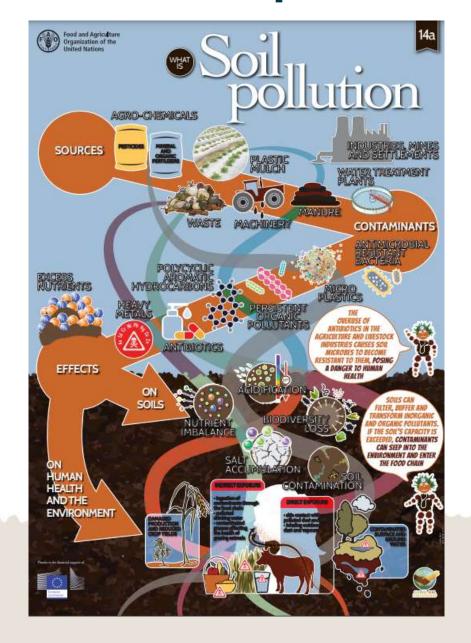


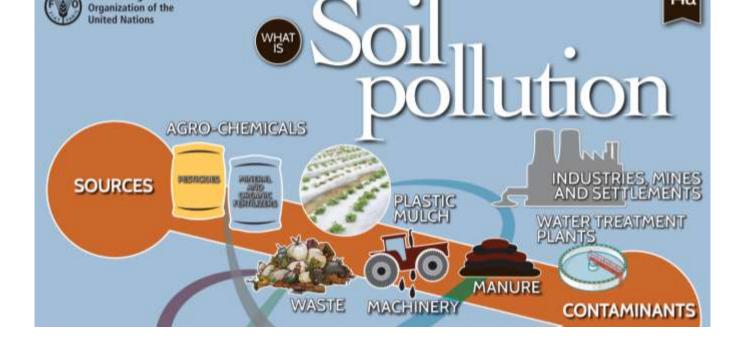






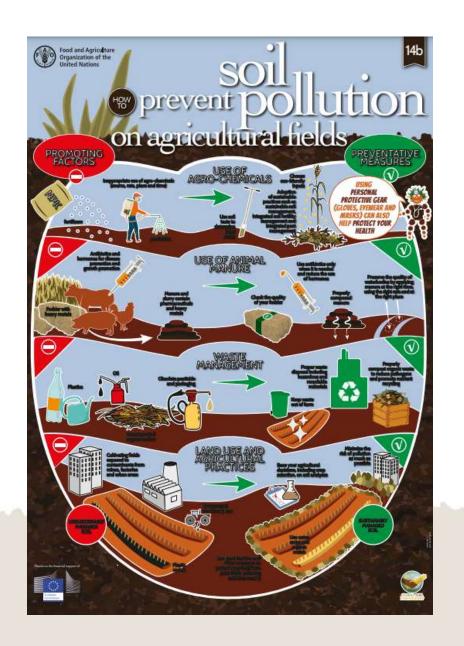
### What is soil pollution?

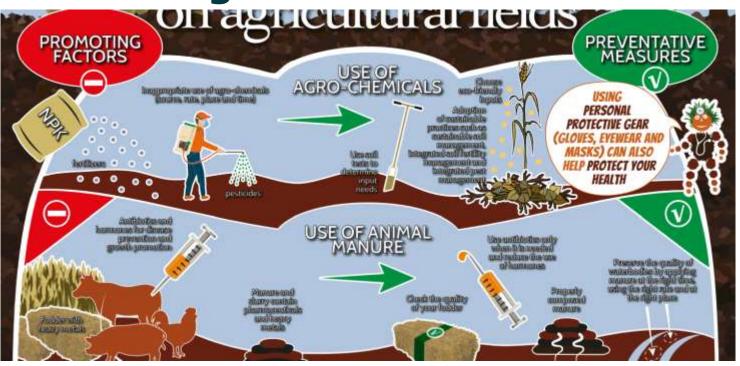






### How to prevent soil pollution on agricultural fields?





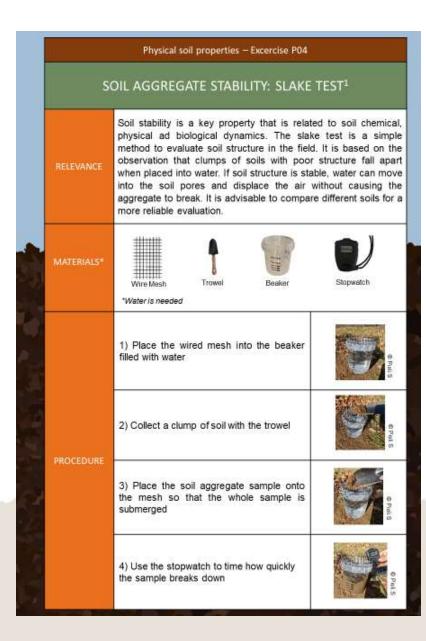


### Soil educational kits

Soil Kit - Standard version			
Туре	Feature		
Physical	Texture		
properties	Organic matter		
	Soil structure		
	Aggregate stability		
Chemical	Soil pH		
properties	Carbonates		
Biological	Litter decomposition		
properties	Invertebrates		
A selection of the party	Roots status		



### Field exercises

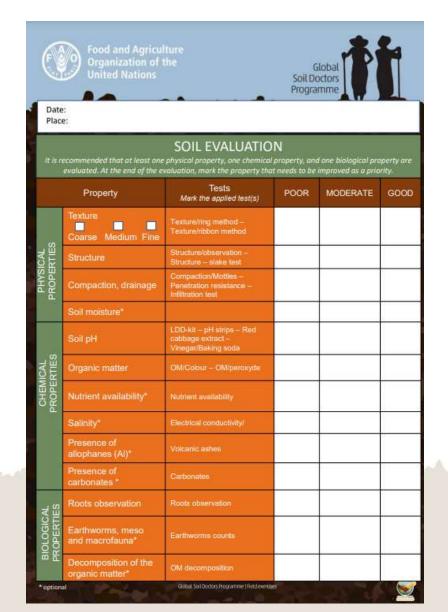


### **Front**





## Evaluation card and recommended practices



# Way forward

- Adjust the pollution posters
- Develop field exercises on soil pollution
- Develop Module 1 and Module 2 guidelines on soil pollution
- Compile case studies on soil pollution prevention and remediation





