

Global Soil Partnership activities 2023-2024

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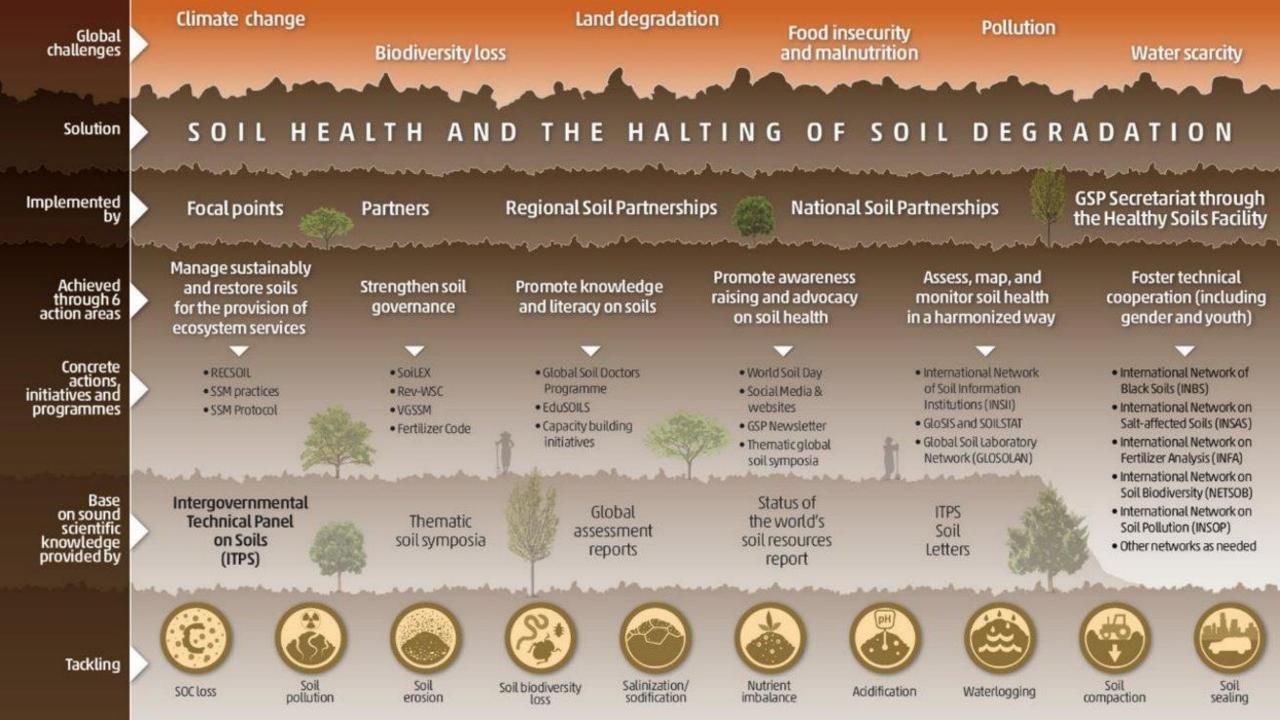


Global Soil Partnership

- A mechanism to develop a strong partnership and enhance collaboration between all stakeholders
- With the common objective of improving **soil governance** and promoting **sustainable soil management**.
- > 8 regional partnerships, over 370 partners worldwide
- > 160 focal points appointed directly by FAO Members
- Expert working groups on soil organic carbon, soil pollution, soil erosion, soil biodiversity, soil salinity, soil legislation, black soils, soil fertility, etc.

http://www.fao.org/global-soil-partnership/en/





Assess, map, and monitor soil health in a harmonized way

- International Network of Soil Information Institutions (INSII)
- GLOSIS and SOILSTAT
- Global Soil Laboratory Network (GLOSOLAN)



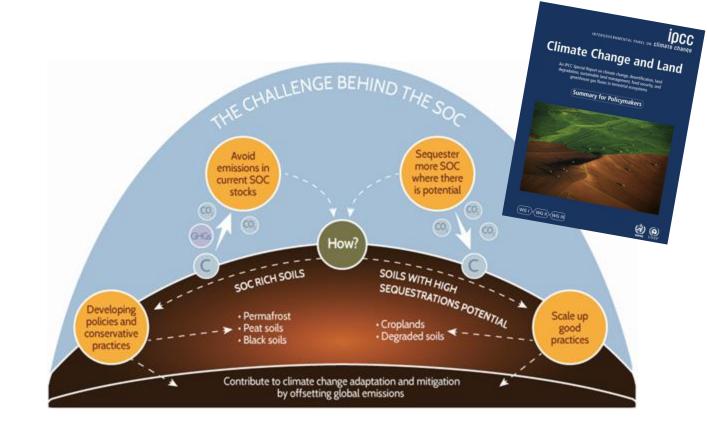




Manage sustainably and restore soils for the provision of ecosystem services

RECSOIL
 SSM practices

SSM Protocol



When adopting Sustainable Soil Management Practices, we provide multiple benefits including: reducing GHG emissions, maintaining and enhancing carbon sinks and building resilience.









Foster technical cooperation (including gender and youth)

- International Network of Black Soils (INBS)
- International Network on Salt-affected Soils (INSAS)
- International Network on Soil Biodiversity (NETSOB)
- International Network on Soil Pollution (INSOP)
- Other networks as needed





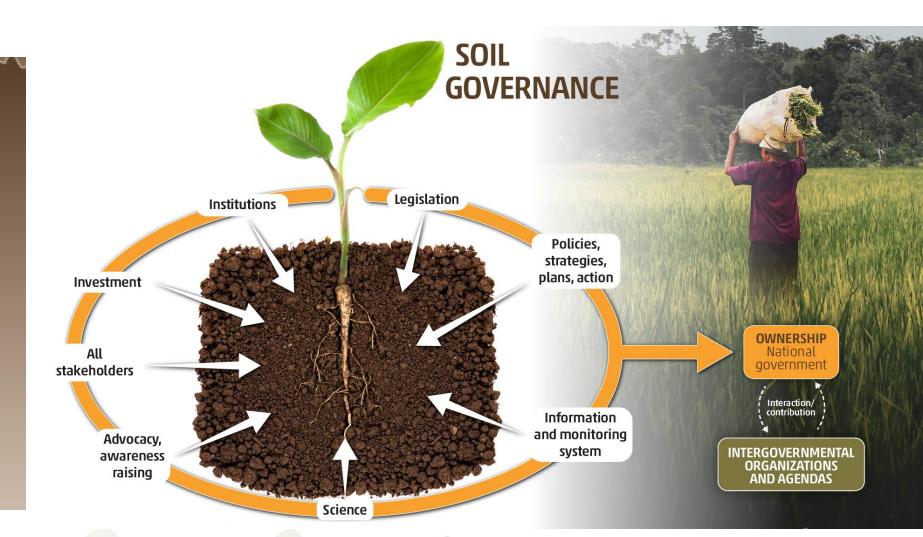
5 Strengthen soil governance

• SoiLEX

• Rev-WSC

VGSSM

• Fertilizer Code





Promote awareness raising and advocacy on soil health



- World Soil Day
- Social Media & websites
- GSP Newsletter
- Thematic global soil symposia



GLOBAL SOL

- 1. Assess, map, and monitor soil health in a harmonized way
- 2. Foster technical cooperation
- 3. Manage sustainably and restore soils for the provision of ecosystem service
- 4. Promote knowledge and literacy on soils
- 5. Strengthen soil governance
- 6. Promote awareness raising and advocacy on soil health.



GLOBAL SOIL PARTNERSHIP







- 164 focal points appointed directly by FAO Members and over 500 partners worldwide
- > 7 regional partnerships
- 4 sub-regional partnerships within Europe: Eurasia,
 Alpine, Pyrenean, Western Balkans
- 14 national soil partnerships (Brazil, Colombia, Costa Rica, Cuba, Italy, Mongolia, Malawi, Nicaragua,
 Philippines, Portugal, Slovakia, Slovenia, Thailand, and Ukraine

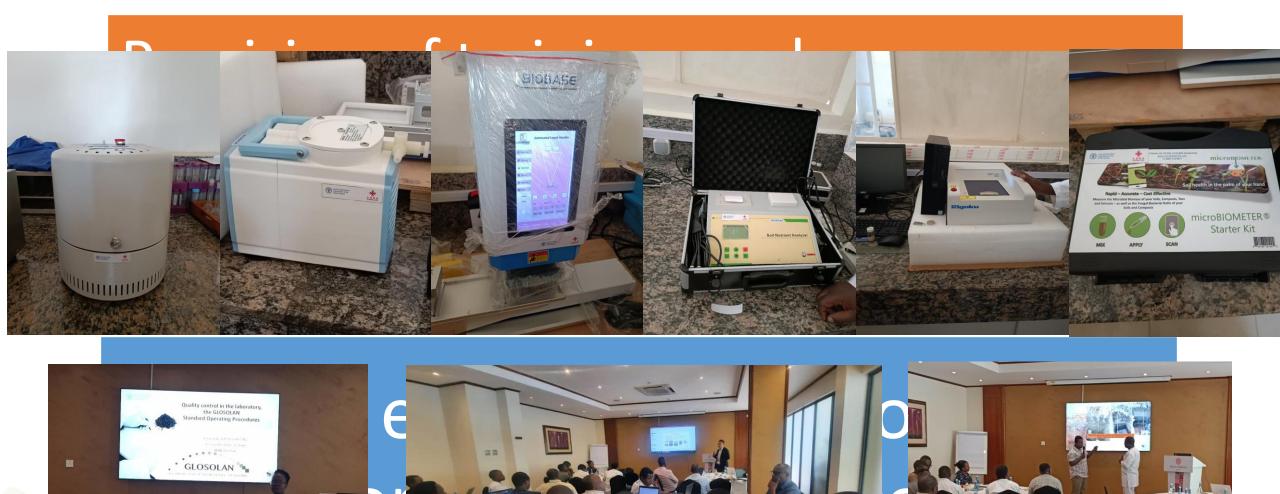


Raising confidem

casurements from soil laboratories in Sub-Saharan Africa | Dakar, 23-27 October



Actions in Africa



What are we working on?

- 1) Harmonization of Standard Operating Procedures (SOPs)
- 2) Provision of trainings and prepare awareness raising material on different topics
- 3) Organization of inter-laboratory proficiency tests (PTs)
- 4) Collaboration with other networks (INFA, NETSOB, INSAS, INSOP, INBS)
- 5) Collection of soil import regulations worldwide (<u>SIMPLE Database</u>)
- 6) Share laboratory capacities and needs with the scientific communities, including details on data quality



GLOSOLAN initiative on soil spectroscopy (GLOSOLAN-Spec) Next activities



- Soil spectral hub (GSP/FAO)
- Guides to available soil spectral resources (existing open-source soil spectral libraries and soil spectral estimation services)
- Publishing of Standard Operating Procedures for soil spectroscopy using NIR and MIR
- Expand capacity building- webinars, and technical document in additional languages. Additional guides in the style of the primer
- Continue webinar series with spotlight on state-of-art, research and discussion



Expectation

How to use the equipment correctly to produce accurate data? How to maintain the equipment functional for a long time?

How to transfer soil data to policy making?

> CLOBAL SOIL PARTNERSHIP



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Thank you for your attention

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FRANCE









