



Organización de las Naciones
Unidas para la Alimentación
y la Agricultura

Boosting the practice of Sustainable Soil Management

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Herramientas técnicas y financieras para valorizar el potencial productivo y ambiental de los suelos en Latinoamérica y el Caribe
Webinar | 4-8-9 de Junio 2021



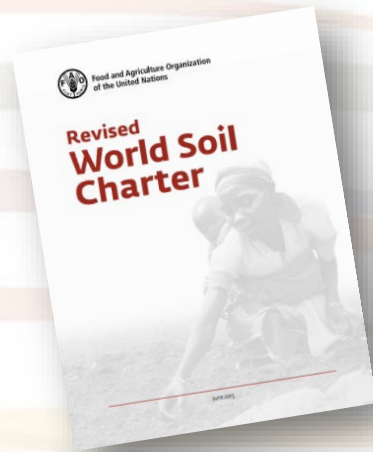
Global Soil Partnership

- 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, etc.

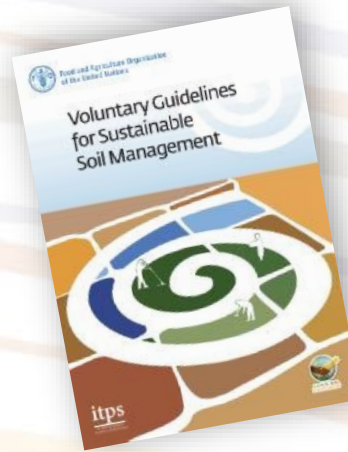
<http://www.fao.org/global-soil-partnership/en/>

Soil governance

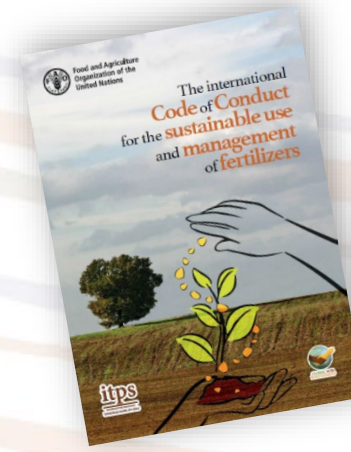
to address soil degradation & provide solutions
through Sustainable soil management



2015



2017



2019

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GLOBAL SOIL PARTNERSHIP



5 Pillars of action crosscutting to all soil threats



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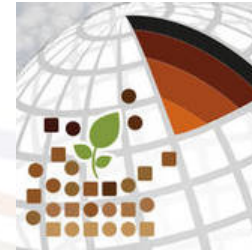
GSP Pillars of Action

- 1. Sustainable soil management** → technical tools to support implementation on the ground
- 2. Governance, education, awareness** → translation of knowledge into actions
- 3. Knowledge** → reports on the status of soil
- 4. Soil data and information** → GLOSIS, maps and statistics
- 5. Harmonization of methods, measurements and indicators** → GLOSOLAN

Five technical networks

Intergovernmental Technical Panel on Soil **ITPS**

International Network of Soil
Information Institutions - **INSII**



Soil Laboratory Network - **GLOSOLAN**

International Network of Black Soils - **INBS**



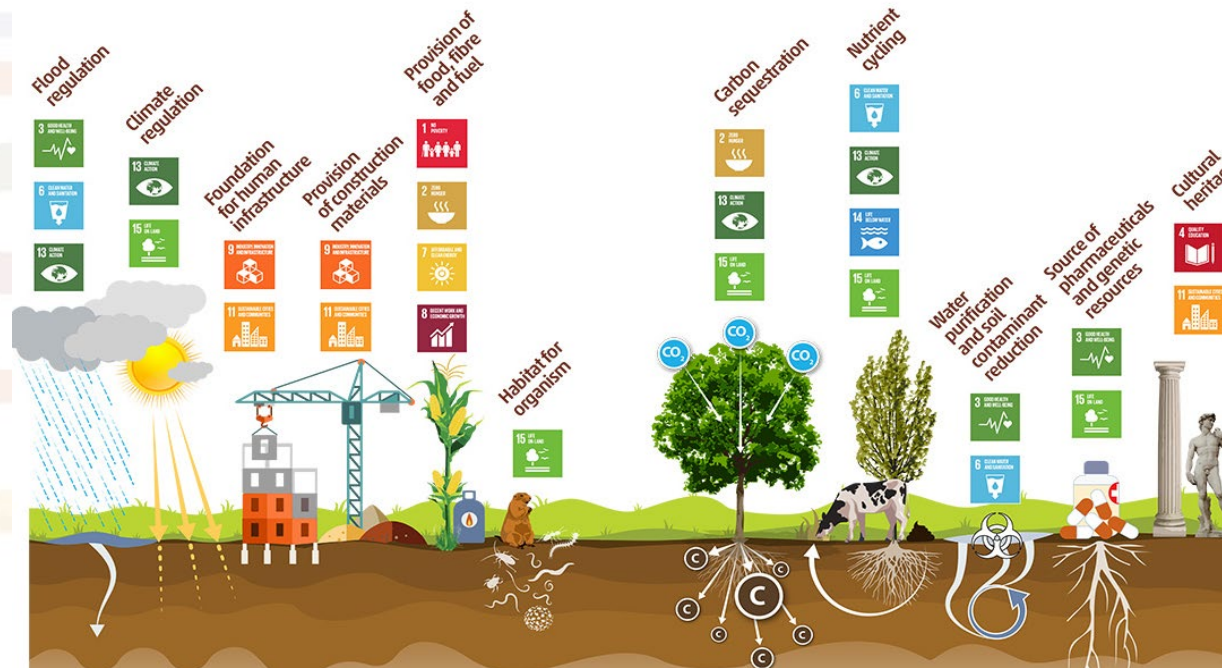
International Network of
Salt-Affected Soils - **INSAS**

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Sustainable soil management provides ecosystem services, contributing to achieve the SDGs



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Sustainable Soil Management

Implementation



Management practices and case studies for SOC-hot spots, cropland, grassland, forestry, wetlands, urban Soils

Measurement



Dissemination

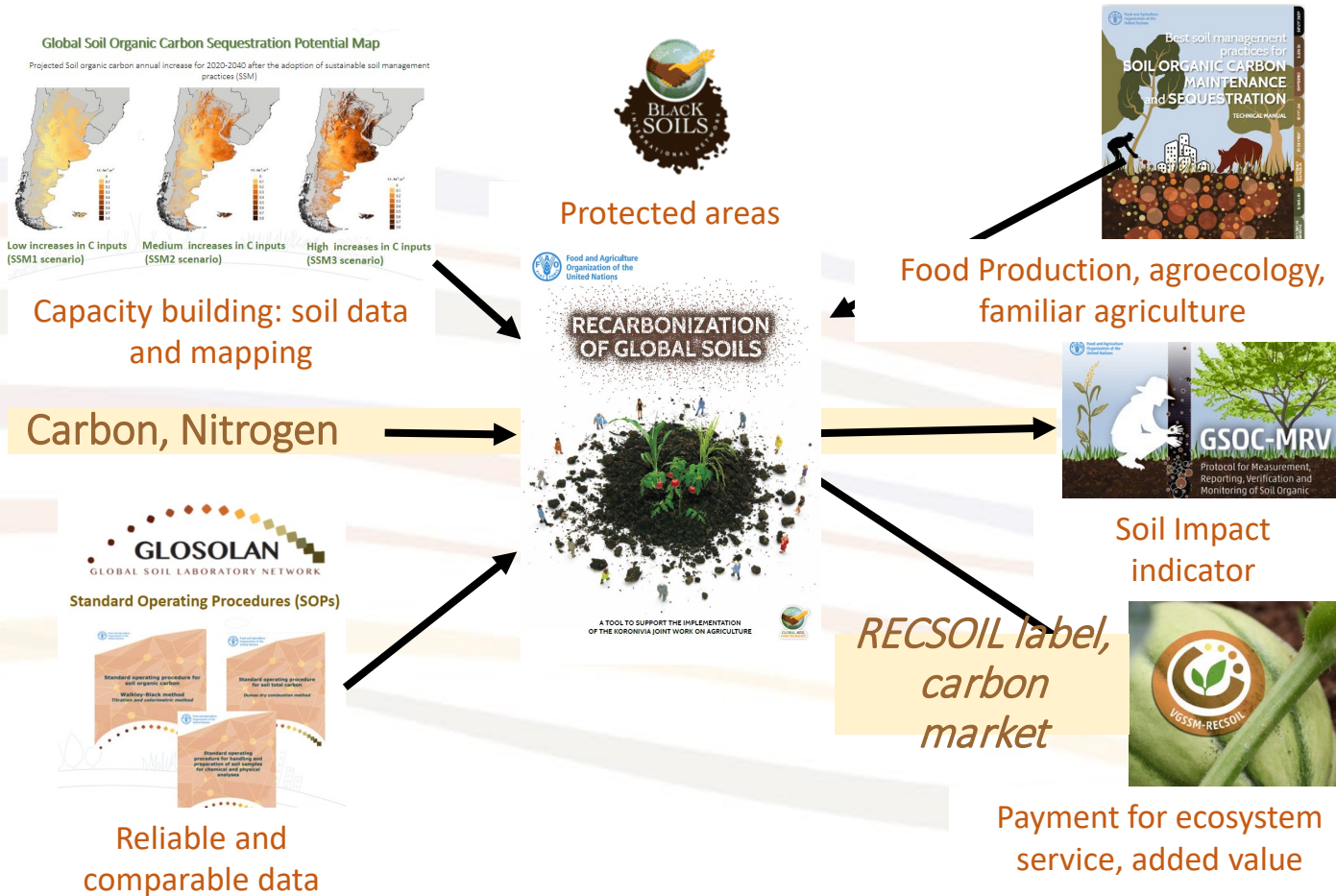


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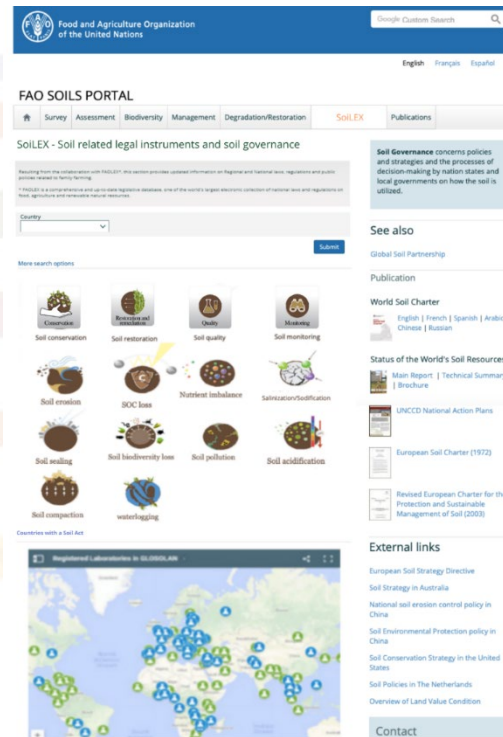
RECSOIL a cross cutting programme



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SoiLEX - global database on national legislation on soil



1. Facilitates access to information on existing legal instruments,
2. Helps identify the main gaps in the legal frameworks for soil protection,
3. Develop new knowledge and document good practices.

Users can **search legal instruments by soil keywords and by country**, providing a central source of information contributing to research and facilitating the understanding of national soil legal frameworks.

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Raising awareness on soils at global level

- **WORLD SOIL DAY** (5 December) - +780 events in 105 countries
- **SOIL PRIZES:** Glinka World Soil Prize WSD award (every year)
- **SUPPORT TO MEETINGS, TRAININGS, REGIONAL WORKSHOPS AND INTERNATIONAL CONFERENCES:** speeches, ppt, logistics, photogallery...
- **GLOBAL SYMPOSIA**
- **WEBSITES AND PORTALS** (GSP + soils portal + WSD website + IYS)
- **COMMUNICATION TOOLKITS:** video, animations
- **NEWSLETTERS AND SPECIAL ANNOUNCEMENTS**
- **SOCIAL MEDIA** (Facebook, twitter, LinkedIn, etc)



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Key results 2020

WEBINARS

- Fertilizer Code's implementation | 502 participants
- RECSOIL: Recarbonization of global soils | 1466 participants
- Soil Biodiversity: a nature-based solution? | 1331 participants
- Launch of the Soil Doctors Global programmes | 711 participants
- Soil Governance and SoILEX launch | 800 participants
- World Soil Day event | 2950 participants



GSP FB

- 11.084 followers (+ 51% over 2019)
- 285 posts (5/6 posts per week)
- 1 million post reach



SUBSCRIBE & SHARE

@GLOBSOILPARTNERSHIP



@VARGASFAO

TWITTER

- 1553 followers
- 271 tweets
- 9.8% Engagement rate; 188.000 impressions

Tell us **now** on the chat if you don't receive our regular newsletter

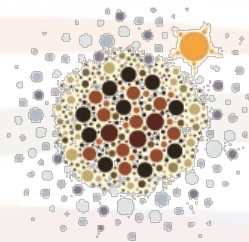
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GSP Global symposia

State-of-the-art information &
building multi-stakeholder network



Global Symposium on
Soil Organic Carbon
2017



Global Symposium on
Soil Erosion 2019



Global Symposium on
Soil Pollution 2018



Global Symposium on
Soil Biodiversity 2021



Global Symposium on Salt- Affected Soils
(October 27-29, 2021)

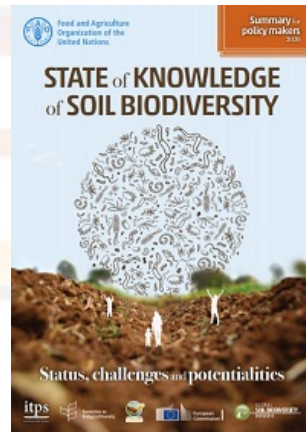
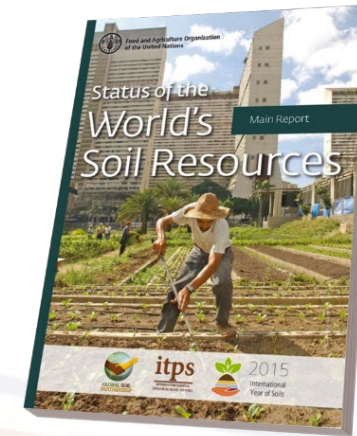
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Technical publications

- First **global assessment** of soil resources
- Ten **major threats** affecting **soil health** globally
- 2nd edition in 2025



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International Network of Soil Information Institutions

Enhance the **quality and availability of soil data and information at national, regional and global level.**



Global Soil Information System - GloSIS

DECENTRALISED / FEDERATED / NATIONAL
OWNERSHIP / LIGHTWEIGHT & AFFORDABLE
/ OPEN SOURCE / COUNTRY DRIVEN

Contribute to more **consistent**
and **accurate** global soil data
products to be used in
SDG-related reporting
(informing national policy
development)

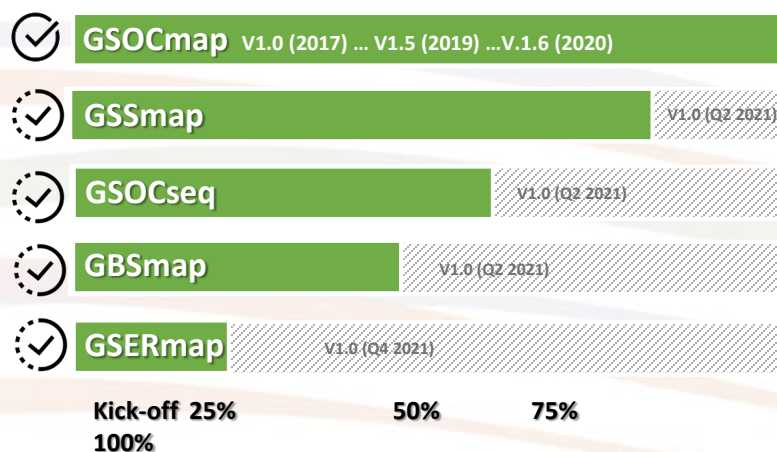
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GloSIS Country Driven Global Datasets



All GloSIS Data Products are;
country-driven, continuous,
participatory, progressive
and iterative, multi-stakeholder
oriented, and based on and
guided by the best available
science, rigorous collection and
analysis of appropriate data,
and consideration of
experiences and good practices
within, and outside, countries.

***Pillar 4 Capacity Development has
reached more than 1000 Experts from
more than 130 Countries***

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GSP Supports Countries for their SIS

Completed

- Sudan (SuSIS)
- Macedonia (MaSIS)
- Lesotho (LeSIS)
- Afghanistan (SISAf)
- Cambodia (CamSIS)
- Latin America (SISLAC)

In the pipeline

- Liberia
- Bangladesh
- Bhutan
- LAO PDR
- Kyrgyzstan
- Mongolia
- Myanmar
- Nepal
- Philippines
- Sri Lanka
- Vietnam
- Thailand
- Indonesia
- Serbia
- Asian Soil Information System (ASIS)

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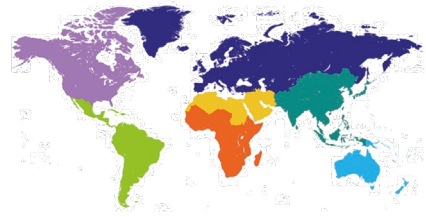
Global Soil Laboratory Network

Established in 2017 to **build and strengthen the capacity of laboratories in soil analysis** and to respond to the need for harmonizing soil analytical data.

- Almost 700 laboratories registered
- 6 Regional Soil Laboratory Networks established
- Establishment of National Soil Laboratory Networks ongoing

Main areas of work:

1. Standard Operating Procedures (5 SOPs in 2019, 10 SOPs in 2020, +13 SOPs to be harmonized in 2021)
2. Quality Assurance/Quality Control (2 regional proficiency tests in 2018, 1 global proficiency test in 2019)
3. Capacity building: Training & Equipment (equipment to 18 labs)
4. Promotion of new technologies: soil spectroscopy



Collaboration with regional and national networks

¿What?

- Resource mobilisation, collaboration in regional FAO projects
- Webinars/trainings on priority issues of regional interest
- Awareness raising (press release, translations into local languages) - Implementation of AMS programmes and networks at regional and national level - Identification of stakeholders at national and regional level
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Advantages of the GSP

Strategic position:

- Authoritative voice on soil issues
- In direct contact with all countries/regions
- Receives inputs from other relevant initiatives or where soils need to be considered
- Is aware of/inputs to/has input from/has input to high level events, programmes and meetings (COPs, G20, Food System Summit, etc.)
- Channels information to and from partners and identifies relevant stakeholders
- Relative ease and experience in resource mobilisation



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