



Food and Agriculture
Organization of the
United Nations

GLOBAL SOIL PARTNERSHIP

12th Plenary Assembly

03-05 June 2024

REPORT ON ITPS ACTIVITIES AND WORKPLAN

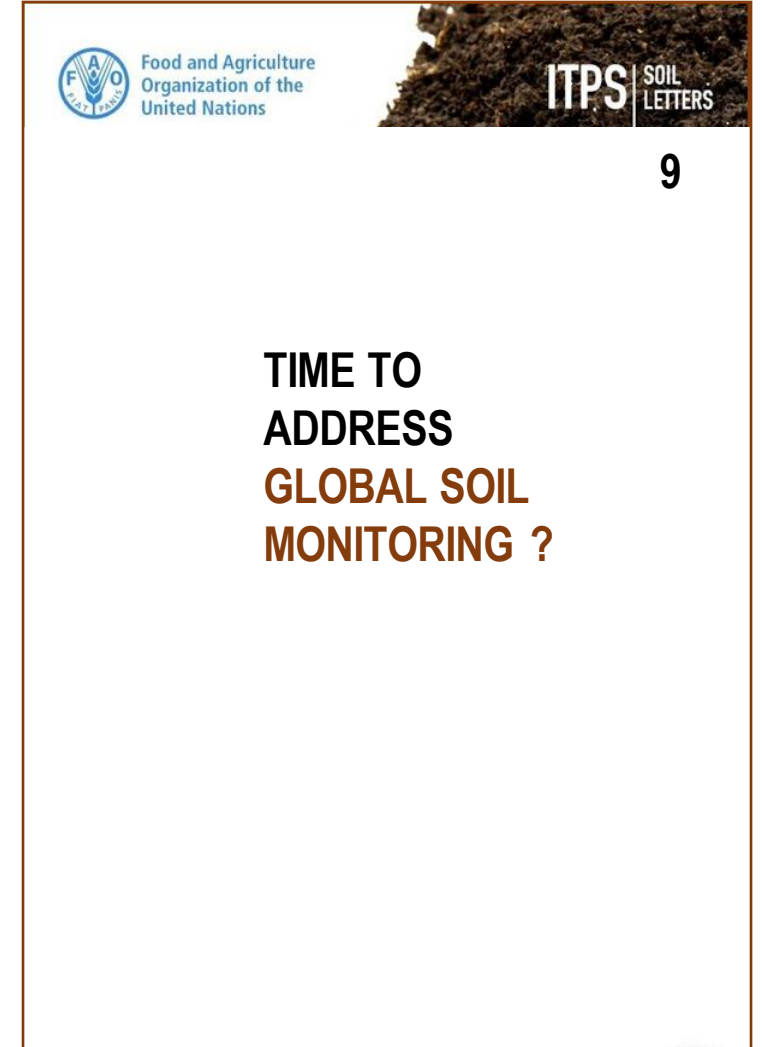
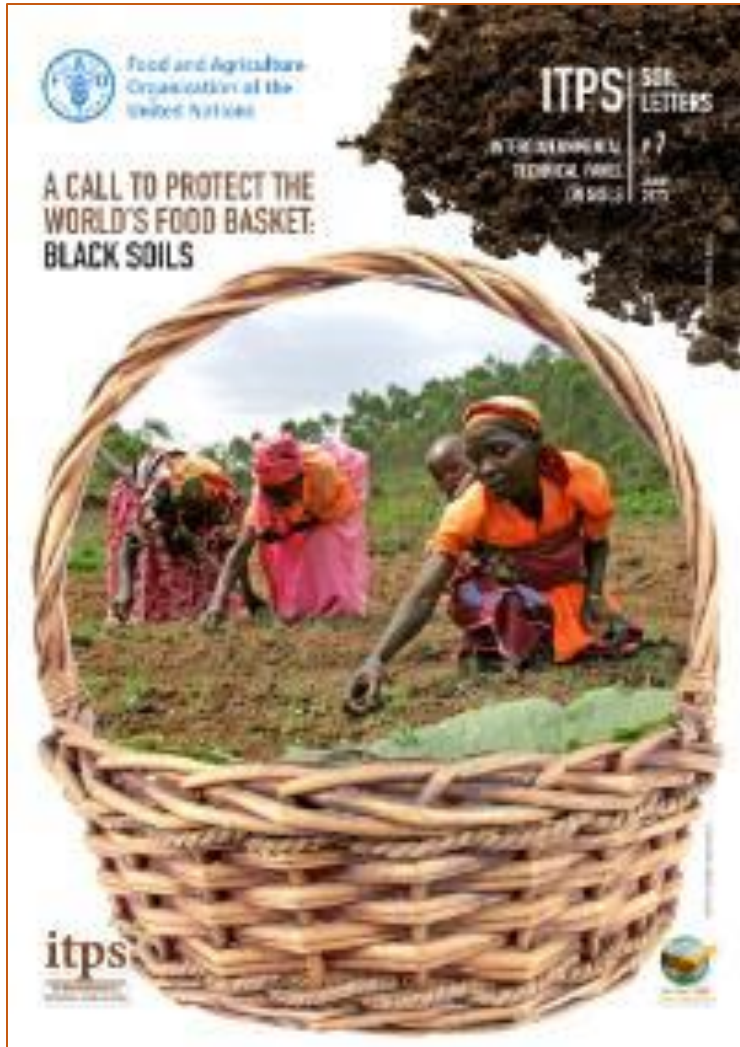
Rosa M Poch – ITPS Chair

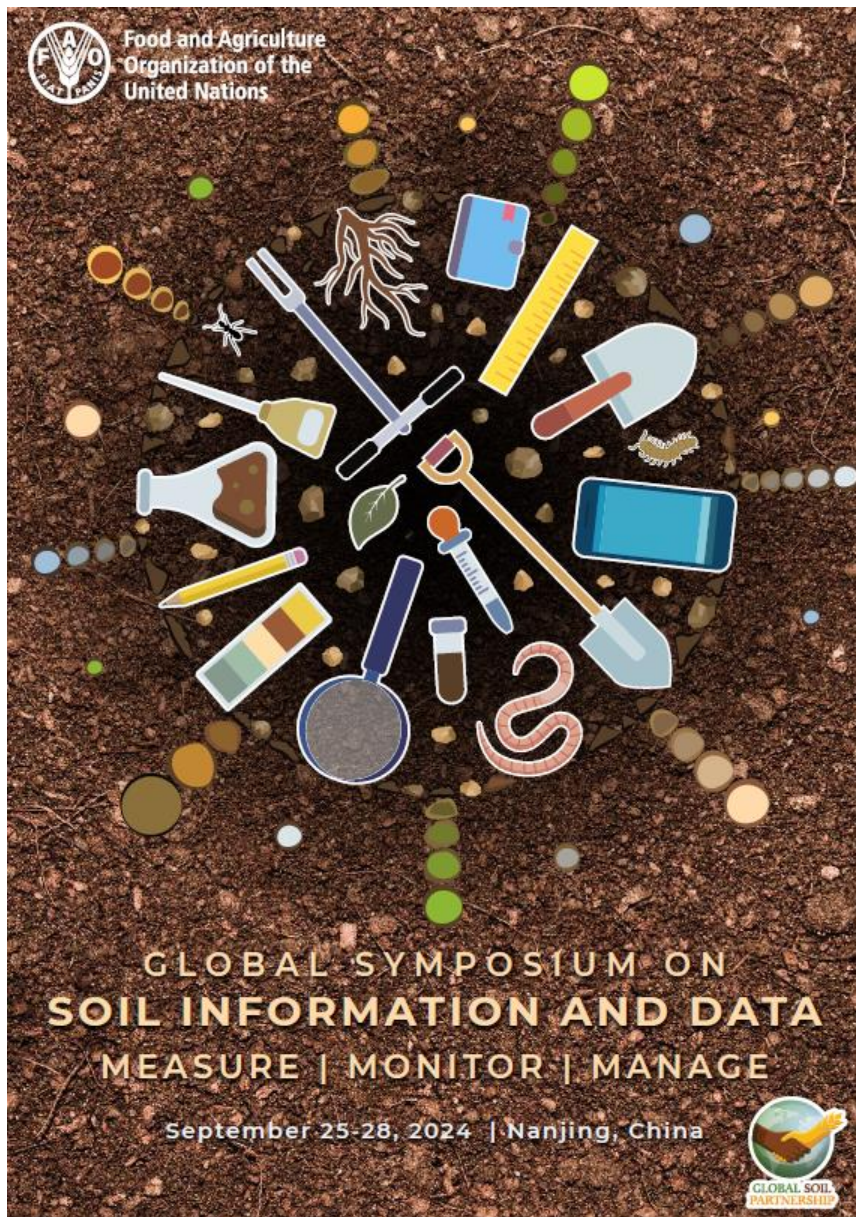


ITPS report 2024

- Publications: ITPS letters, preparation scientific paper
- Symposia: GSOIL4N22, GSOWA23, GSID24
- Global maps: GSNmap
- Networks: INSOILFER, GLOSOB, NETSOB, a.o.
- RECSOIL
- Reports: Global Status of Salt affected Soils
- Second edition of the Status of the World's Soil Resources (SWSR)
- Participation in congresses: CLACS (Brazil), IUSS Centennial (Florence)
- Working Group to develop the Indicator System of the GSP Action Framework (ISAF)
- Participation in global fora: SCT of the 4pM, UNEP report on Global Environment Outlook (GEO7)

ITPS Soil Letters 2023-24





Theme 1
Mainstreaming soil data: innovations in analysis, standardization, harmonization and communication



Theme 2
Advances in soil mapping and monitoring




Theme 3
Soil data for policy and decision-making



Theme 4
Soil data as a common good

Congresses and symposia



100 years of
SOIL SCIENCE
past achievements
and future challenges

International Union of Soil Sciences

Centennial
of the IUSS

Florence - Italy
May 19 - 21, 2024

www.centennialiuus2024.org

**THE STATUS OF THE WORLD'S SOIL RESOURCES
REPORT 2025**

**GLOBAL SOIL MAPPING AND MONITORING AND THE
GLOBAL SOIL HEALTH INDEX (GSHI)**

Lunch Symposia



XXIII CLACS | XXXVIII CBCS
FLORIPA 2023

Intergovernmental technical panel on soils



MARY SELVA VIERA VARGAS 🇧🇷

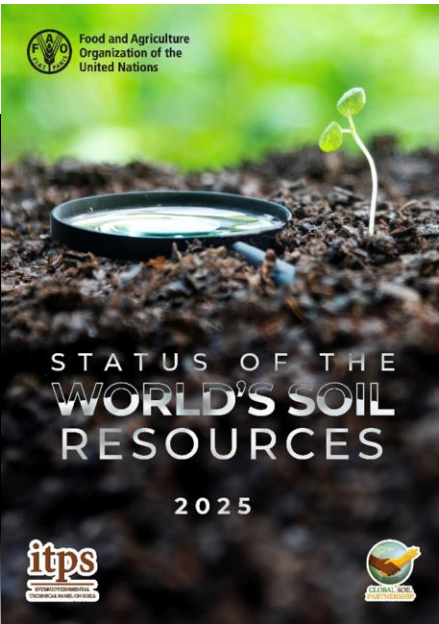
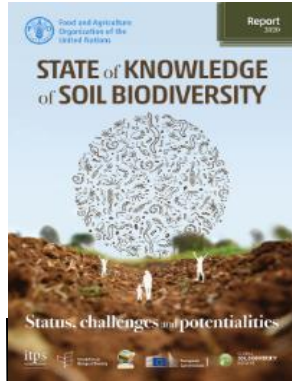
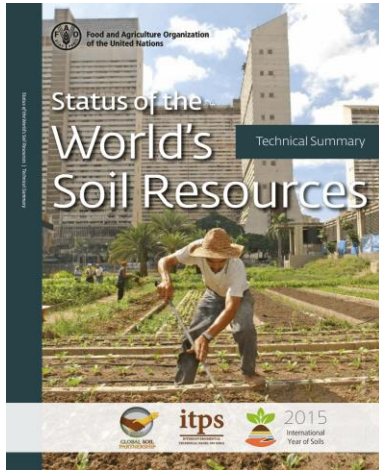
SOCIEDADE LATINO AMERICANA DE CIENCIA DO SOLO
Moderadora



ROSA MARIA POCH CLARET 🇪🇸

UNIVERSITAT DE LLEIDA
Palestrante

itps
INTERGOVERNMENTAL TECHNICAL
PANEL ON SOILS



2012

2015

2017

2020

2021

2022

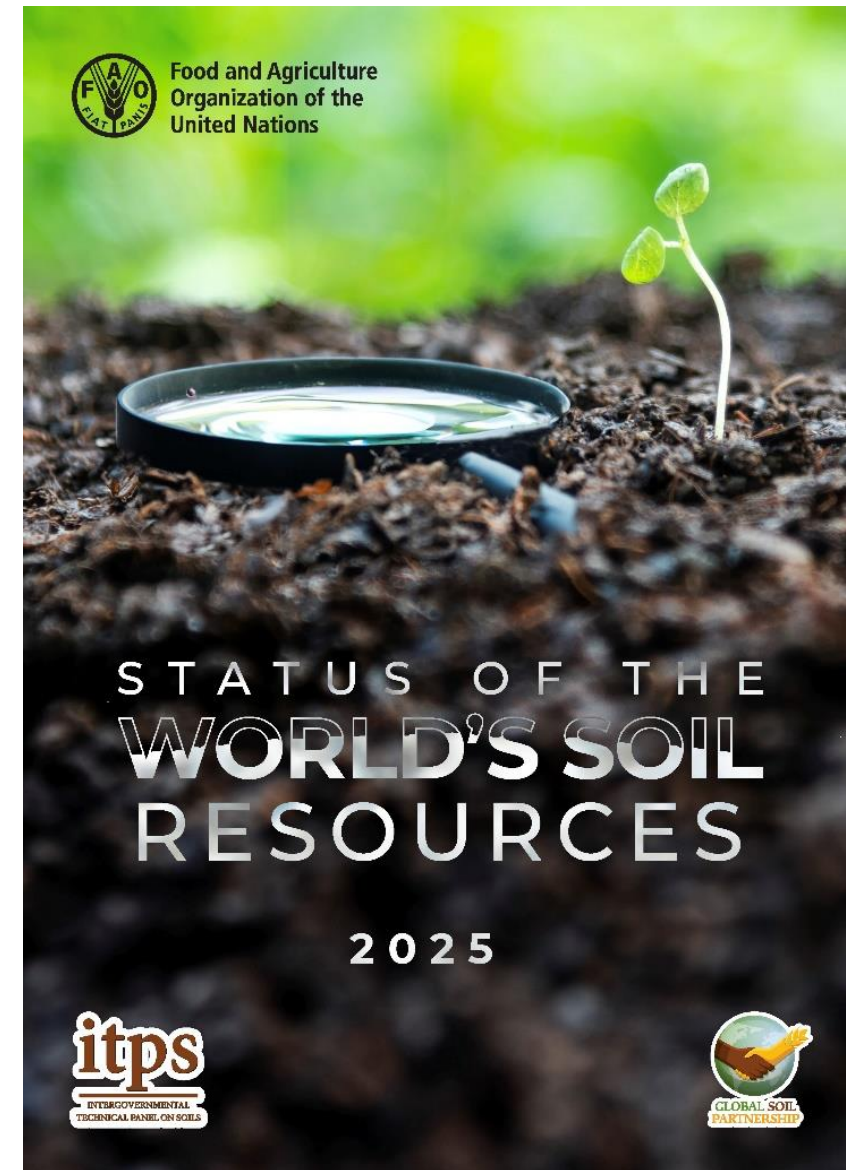
2025

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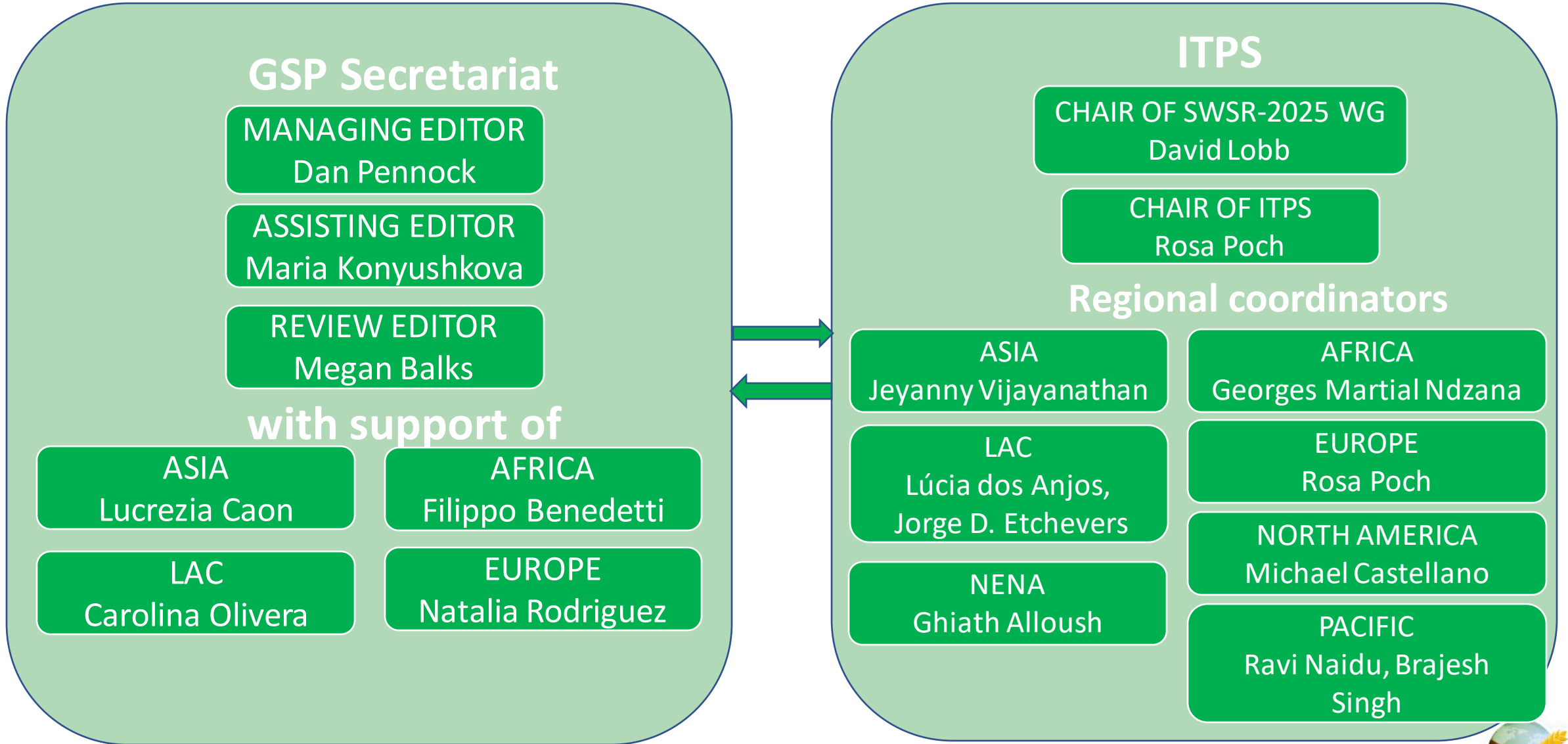


SWSR-2025 content

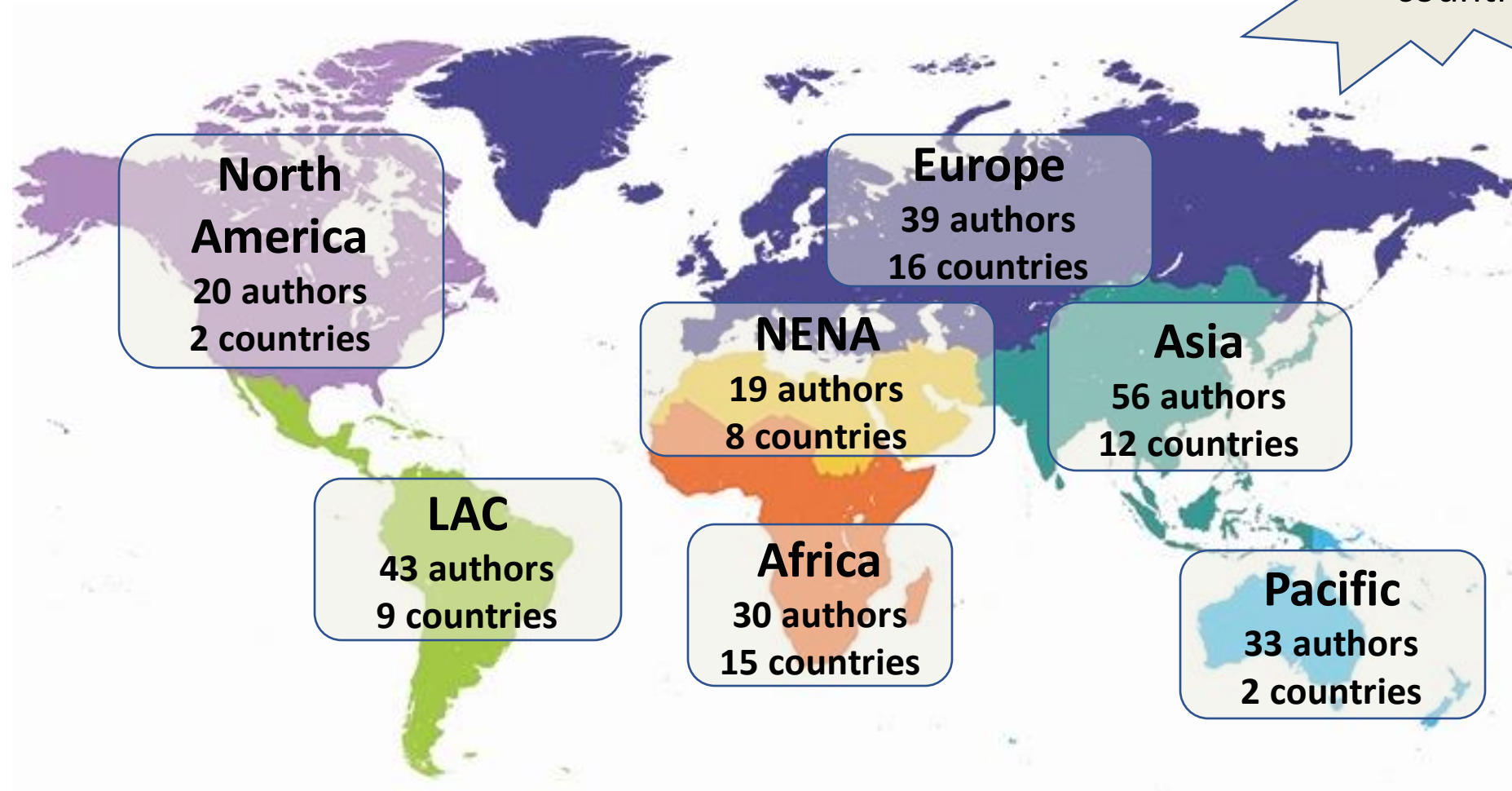
- Introduction
- Chapter 1. Soil functions and their contributions to life on earth
- Chapter 2. Threats to soil functions
- Chapter 3. Direct and indirect drivers
- Chapter 4. Sustainable soil management in support of SDGs
- Chapter 5. Facilitating the adoption of SSM
- Chapters 7-13. Regional Assessment chapters
- Conclusions



SWSR-2025 management



Country engagement



Regional summary assessment of trends

Which soils?

soils of agricultural, urban and managed forested lands

Which period?

2015-2025

What is assessed?

efficiency of sustainable management practices

Which criteria?

according to the definitions and guidelines previously established by the Intergovernmental Technical Panel on Soils

Threat to soil function	Condition and Trend				
	Very poor	Poor	Fair	Good	Very good
Soil erosion	↘ NENA	↘ A ↘ LAC ↘ SSA	↗ E ↗ NA ↗ SP		
Organic carbon change		↗ A ↗ E ↘ LAC ↘ NENA ↘ SSA	↗ NA ↗ SP		
Nutrient imbalance		↘ A ↗ E ↘ LAC ↘ SSA ↘ NA	↘ SP	↗ NENA	
Salinization and sodification		↗ A ↘ E ↘ LAC	↘ NENA ↗ SSA	↗ NA ↗ SP	
Soil sealing and land take	↘ NENA	↘ A ↘ E	↗ LAC ↘ NA	= SSA ↘ SP	
Loss of soil biodiversity		↘ NENA ↘ LAC	↗ A ↘ E ↘ SSA	↗ NA ↗ SP	
Contamination	↘ NENA	↘ A ↗ E	↗ LAC	↘ SSA ↗ NA ↗ SP	
Acidification		↘ A ↗ E ↗ SSA ↘ NA	↗ LAC ↘ SP	↗ NENA	
Compaction		↘ A ↘ LAC ↘ NENA	↗ E ↗ NA ↗ SP	= SSA	
Waterlogging			↘ A ↗ E = LAC	↗ NENA = SSA ↗ NA ↗ SP	

Stable = Variable ↗↘ Improving ↗ Deteriorating ↘

Assessment of state (condition)

Condition	Initial condition of soil management in the assessment period
Very Poor	The management practices in place led to severe erosion with significant impacts on air and water quality.
Poor	The management practices in place led to severe erosion with significant in-field impacts.
Fair	The management practices in place led to minor soil loss.
Good	The management practices in place led to very minor soil loss.
Very Good	The management practices in place led to soil loss at the slowest level possible for that region.

Assessment of trend

Trend	Description
Stable	Widespread adoption of sustainable soil management practices occurred prior to the assessment period and they continued to be used during the assessment period.
Improving	Widespread adoption of sustainable soil management practises occurred during the assessment period.
Deteriorating	Continued widespread use of management practises known to accelerate risks to soil functions occurred during the assessment period.
Variable	No clear trend in adoption of sustainable soil management practises was evident during the assessment period

ITPS workplan 2024-2025

- Follow-up actions GSER19 and GSOWA23
- Lead GSID24
- Finalize GSN, GSER maps
- Support GLOSOB and the technical networks
- RECSOIL
- SWSR 25
- WSD 2024 - *Caring for soils: measure, manage, monitor*
- ISAF WG – GSHI and Soil Health Dashboard
- Preparation of Global Symposium Soil Sealing and Urban soils 2025
- Publication ITPS letters: Soil Governance



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THANK YOU

