

Global Soil Partnership

Global Soil Partnership, promoting sustainable soil management beyond 2015

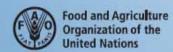
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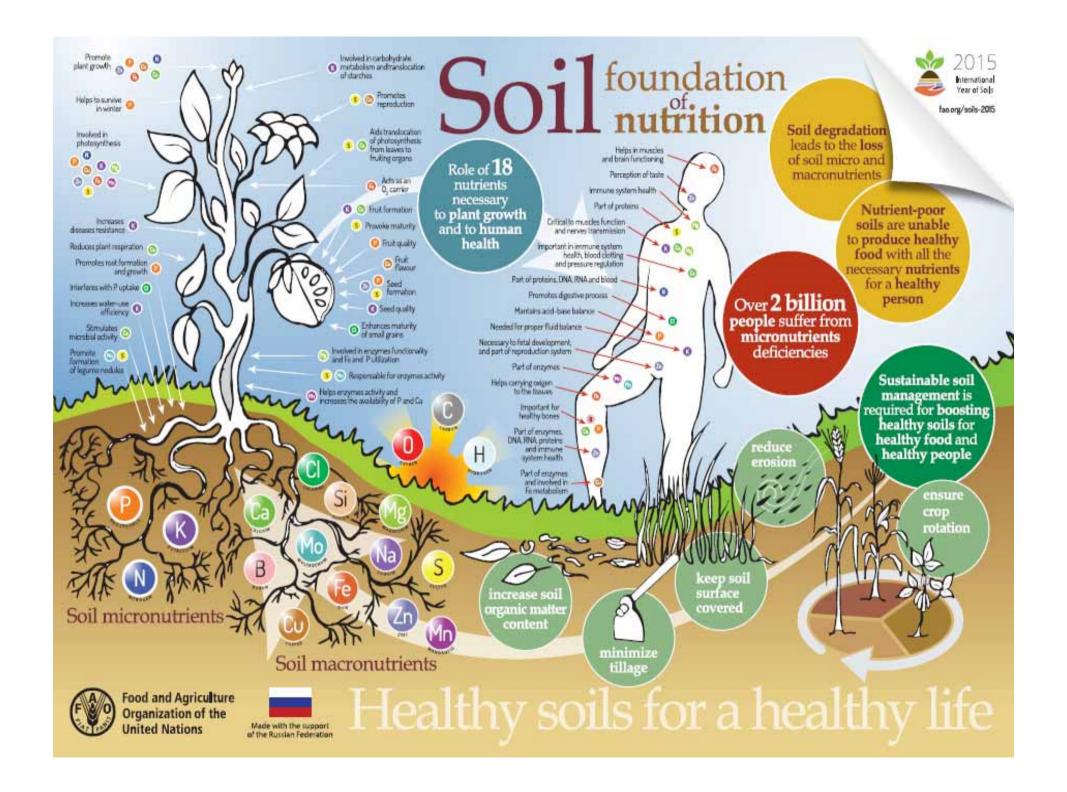


Soil

Soils deliver ecosystem services that enable life on Earth







Saving our soils and promoting its sustainable management







sustainable soil management





Response from FAO and its members



- 194 Member countries
- > 350 non-state partners





To promote Sustainable Soil Management

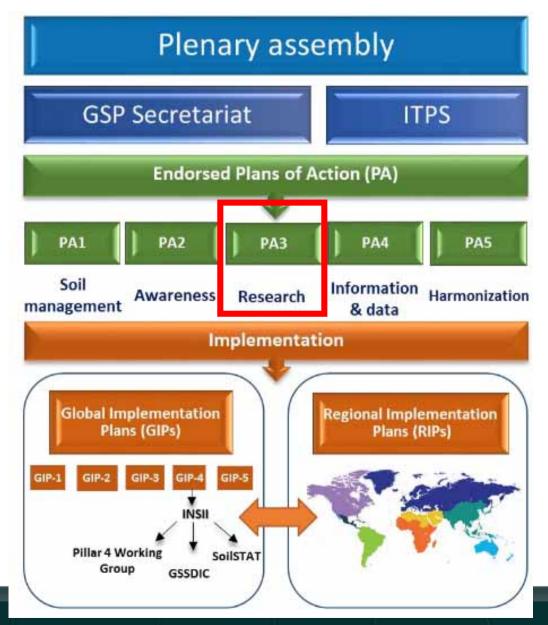


- Pillar 1: Sustainable soil management
- Pillar 2: Awareness raising/education/technical cooperation
- Pillar 3: Targeted soil research
- Pillar 4: Soil data and information
- Pillar 5: Harmonization





Global Soil Partnership





Pillar 3:

Promote targeted soil research and development focusing on identified gaps, priorities and synergies with related productive, environmental and social development actions

Global Plan of Action developed to:

- Increase understanding of soil processes and functions
- Determine how to efficiently manage soils
- Understand the geographic distribution of soil functioning

Pillar 3 Action Plan



4 Recommendations:

- 1. Evidence of return on investment in soil research
- 2. Encourage inter- and transdisciplinary R&D
- 3. Capitalize on existing R&D to ID global, regional and local emerging priorities
- 4. Foster synergy between research, end-user communities and donor agencies

Research Activities



- Conducted in collaboration with other initiatives/organizations
- Regional implementation through Regional Soil Partnerships
- Strong targeted research focus on sustainable soil management
 - For food security and nutrition, climate change adaptation and mitigation, ESS, and disaster risk management



Research implementation



- Focused on addressing the 10 major soil threats
 - Soil erosion, loss of SOC, nutrient imbalance, loss of soil biodiversity, soil acidification, salinization, waterlogging, compaction, sealing and capping, soil contamination
- Eurasia:
 - Five countries implementing soil salinity research
- Implementation relies strongly on country-level support



New research soil topics in the agenda

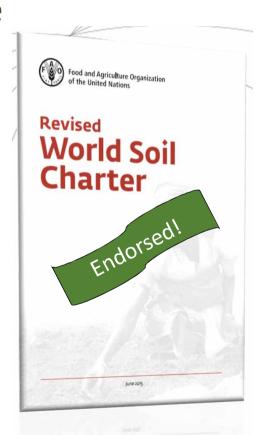
- Soils and Antimicrobial resistance
- Soil borne plant diseases
- Soil contamination and human health
- Monitoring of soil condition for decision making
- •



Revised World Soil Charter

Overarching goal: Ensure that soils are managed sustainably and degraded soils are rehabilitated or restored

- SSM Definition
- Multi-level, interdisciplinary initiatives by many stakeholders
- Calls on governments to
 Support research programmes that will provide sound scientific backing for development and implementation of SSM relevant to end-users

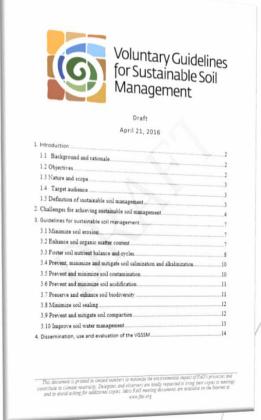


Status of the World's Soil Resources Report

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- "Baseline" to track the status of the world's soils
- Revised version envisaged for 2020
 - Global Soil Information System

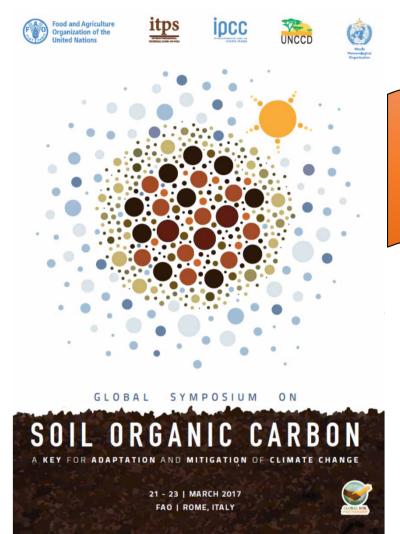
Minimize further degradation of soils, restore productivity and ESS of degraded soils

Voluntary Guidelines for Sustainable Soil Management



- Accepted by recent COAG
- Submitted for endorsement by FAO Council
- Objectives:
 - Present generally accepted principles to promote SSM
 - Calls for fostering and strengthening targeted soil research
- Implementation tool





Develop a **global SOC map** by Dec 2017 as baseline



In support of SDG Indicator 15.3.1

Through support and involvement of FAO member countries



Thank you!

