



Food and Agriculture  
Organization of the  
United Nations

5<sup>th</sup> Pacific Soil  
Partnership  
Meeting

12-13 April 2022

# RECISOIL: Recarbonization of global soils

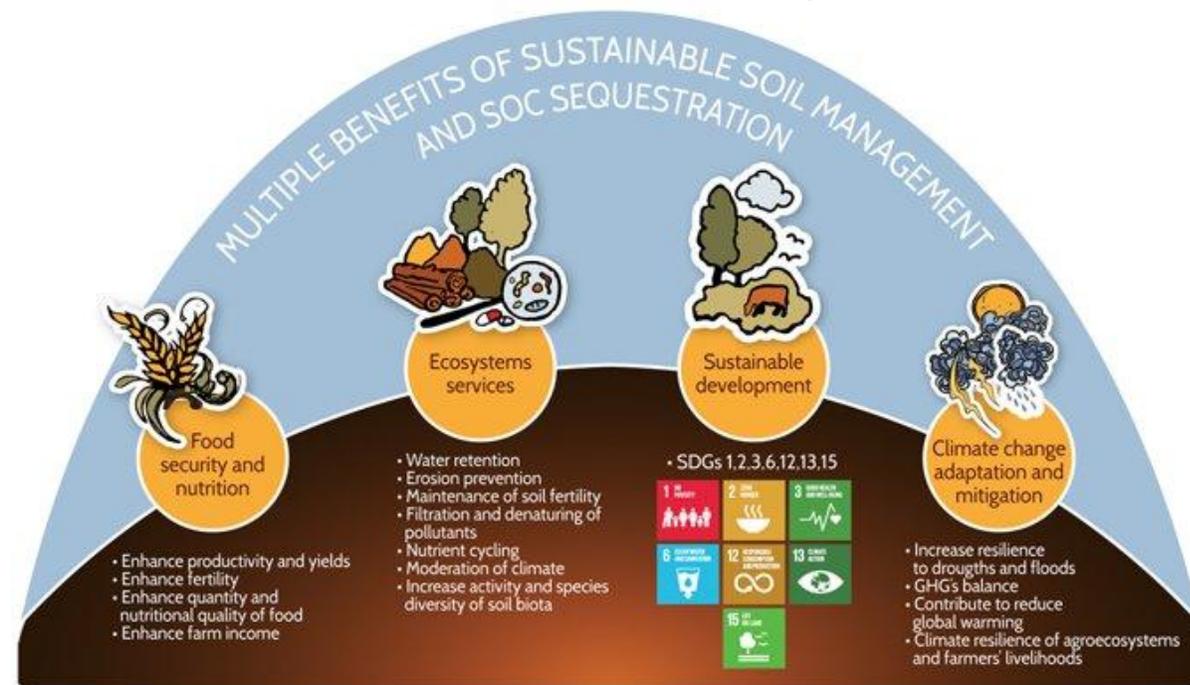
Carolina Cardoso Lisboa  
*Global Soil Partnership - Secretariat*



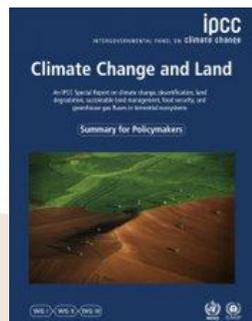
# Climate Change and Global Challenges for the Agricultural Sector



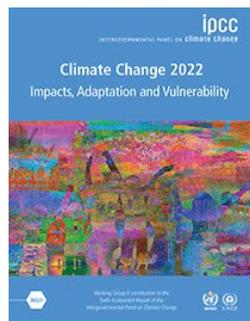
# SOILS: our hidden ally!



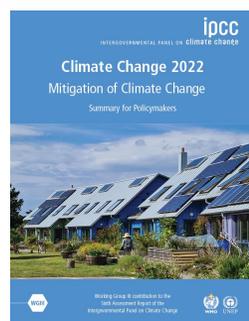
## Sustainable Soil Management (SSM)



AR5 Climate Change 2019



AR6 Climate Change 2022



AR6 Climate Change 2022



Healthy soils can contribute to addressing these challenges

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# What is RECSOIL?



## RECARBONIZATION OF GLOBAL SOILS

**RECSOIL** is an innovative initiative with the aim to scale up the implementation of **sustainable soil management** practices (**SOC-centered**) to **recarbonize soils** while helping to decarbonize the economy and foster sustainable development.

### RECSOIL goals:

- a) *Stop further losses of SOC, maintain and increase **SOC stocks***
- b) ***Boost soil health***
- c) *Improve **farmers livelihoods** and **recognize farmers' contributions** to a better environment*
- d) *Enhance food security (**increase productivity**) and food nutritional value*
- e) *Build-up **systems resilience and adaptation** while supporting the provision of ecosystems services: support productivity, nutrient cycling, water quality & availability and preserve biodiversity*

# RECSOIL

## Implementation Plan



← RECSOIL 'toolkit' →



Technical feasibility  
SOCseq potential

Capacity building  
Strengthening extension services



MRVs  
Protocols  
Soil health and, or C-sequestration





# Benefits for Farmers

Improvement of **technical knowledge on sustainable soil management**, and provision of **technical support** to implement **SSM** and improve soil health, enhance yield productivity and system resilience

The implementation of **sustainable soil management** practices will decrease the need for external inputs, such as minerals fertilizers, pesticides, and use of machinery etc. As a result, there will be a decrease in the overall cost of production

The implementation of **RECSOIL programme** will help farmers to be acknowledged for their substantial **contribution** to the environment by supporting **the provision of ecosystems services**

*The implementation of the RECSOIL programme has 3 Phases with a step-by-step approach. The duration of each phase varies accordingly to the readiness level of each partner in the project. The strategy adopted to implement the RECSOIL tools is decided between RECSOIL and its collaborators.*





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