

Evento Regional:
Conmemoración del

Día Mundial del Suelo



“RECARBONIZATION OF GLOBAL AGRICULTURAL SOILS” *RECISOIL*

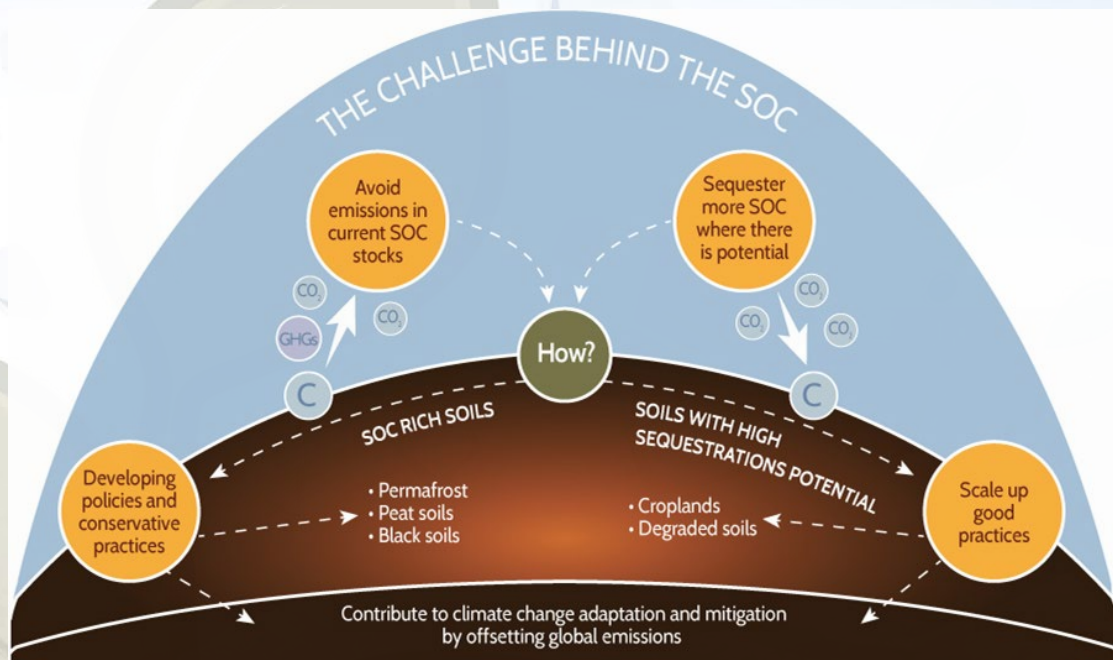
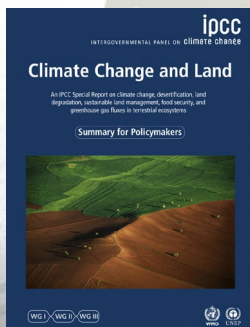
Carolina Cardoso Lisboa

Global Soil Partnership-Secretariat, FAO

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SOIL: our hidden ally!

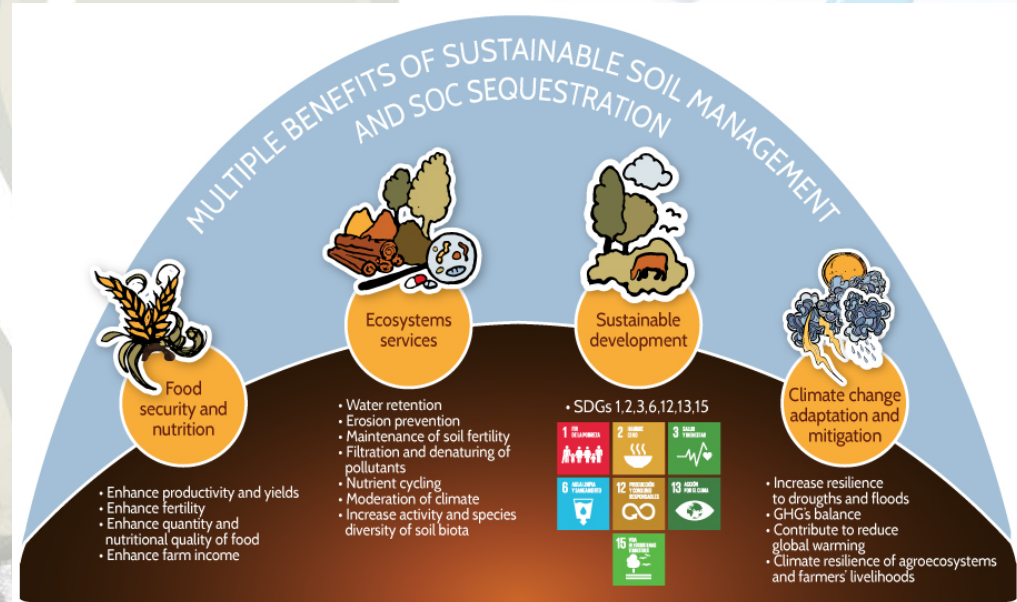
**“The increase of soil organic carbon (SOC) stocks is one of the most cost-effective options for the implementation of climate change adaptation and mitigation strategies at National level”
(IPCC Special Report 2019)**



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

- To provide **financial** and **technical** support and improve the **national** and **regional** capacities
- Develop projects focusing on the implementation of **sustainable soil management** (SOC-centered) to **award farmers** for their **multiple contributions**

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RECSOIL Framework



RECSOIL payment scheme

1st payment – Implementation-Based scheme based on the costs for implementing SSM (%)

2nd payment – Result-Based scheme

Green Path: compliance with Protocol for Assessment of SSM

C-Market Path: t CO₂e



RECARBONIZATION OF GLOBAL SOILS



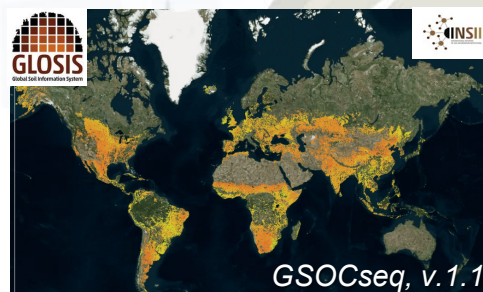
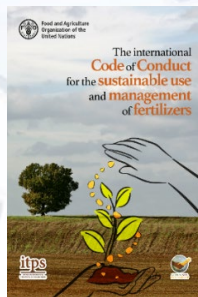
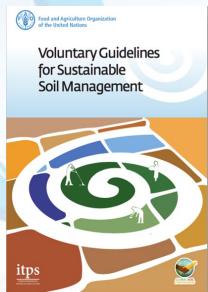
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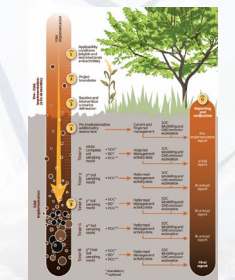
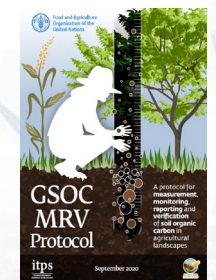
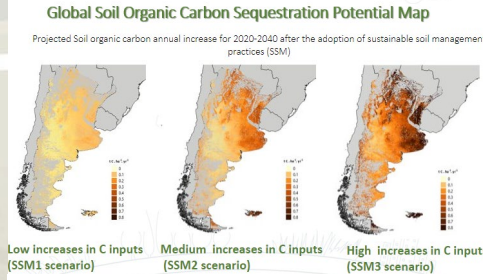
GSOCmap v.1.7



RECISOIL 'TOOLKIT'



Supporting Materials



Capacity building: soil data and mapping

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RECSOIL: challenges

Lack of **data** for the identification of '*hot-spot*' areas with high **potential to sequester C**

Long-term **investment** and has **high risks** associated

Lack of **financial** incentives and **technical** support and recognition of **farmers** as the **pillar** of change

Payment not only for the **increase of SOC stocks** and **GHG reduction** but **also** for other **multiple co-benefits**

High **costs** associated to **MRV**: not an easy or cheap task

Harmonized MRV's Protocol at National level

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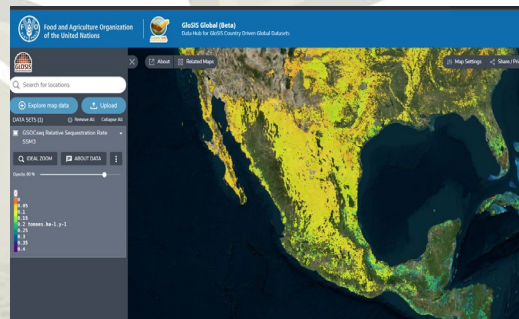
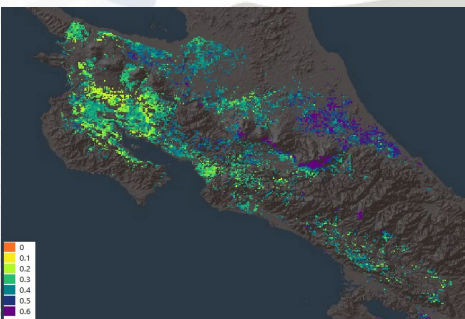


RECSOIL: updates

RECSOIL Costa Rica



RECSOILMEX



RECSOIL supporting a French Lead Initiative



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Highlights for the Agricultural Sector



Goals

1. **Secure global net zero by mid-century and keep 1.5 degrees within reach**
2. **Adapt to protect communities and natural habitats**
3. **Mobilise finance**
4. **Work together to deliver**

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Korovina Joint Work on Agriculture

SSM lie at the core of climate-resilient, sustainable food production systems



Global CH₄ Pledges

Reduce Methane emissions at least 30% by 2030, baseline 2020 →livestock and rice fields←



Carbon Markets and the Article 6

Agreement has been reached on the fundamental norms related to Carbon Market allowing the roll-out



Enhance transparency framework for action and support, the Article 13

Agreed tables and formats to account and report



COP 27 – Egypt 2022

Development of a work programme on the Global Adaptation Goal

RECSOIL: final notes

RECSOIL: provide an **opportunity** to facilitate the **scaling-up of sustainable soil management implementation**

While the centre is **SOC stocks**, it can provide **multiple co-benefits** to the Climate Agenda, including the improvement of **Soil Health**, **reduction of direct GHG (CO₂, N₂O, CH₄) emissions**, **Food Security and Nutrition** and **Provision of Ecosystems Services**

MRV: its use is **flexible** and **adapted** to the National conditions: **Green Path or Carbon Market Path**

Farmers are at the centre: start from **local knowledge**, value chains, promoting **gender** and **youth** as transversal considerations to **co-design RECSOIL project** at **National and regional level**

There are **many initiatives** on **C-farming** but we need to focus on **providing technical support** and **financial incentives mechanisms** that enable farmers to make the transition towards a **sustainable and resilient food production system**

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THANK YOU FOR YOUR ATTENTION!

For more information, please contact

GSP-secretariat@fao.org

Carolina.CardosoLisboa@fao.org

www.fao.org/global-soil-partnership/areas-of-work/recarbonization-of-global-soils/en/

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