



Food and Agriculture  
Organization of the  
United Nations

# Sol Ortiz

## Sustainable soil management in Latin America and the Caribbean

**GLOBAL SOIL  
PARTNERSHIP**

11<sup>th</sup> Plenary Assembly

12-14 July 2023



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# 10th regional assembly – June 2023

Mexico, 19 – 22 June 2023



Opening by the  
Minister of Agriculture  
of Mexico, Victor  
Manuel Villalobos

24 countries  
50 participants  
28 participants online

Supported by the  
regional project: soil  
restoration and  
management agenda  
in LAC

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# ASLAC steering committee



Chair: Mexico – Sol Ortiz



Vice chair South America: Chile – Rodrigo Osorio



Vice chair Mesoamerica: Panama – José Villareal



Vice chair Caribbean: Antigua and Barbuda - Linroy Christian

Changes have been proposed to the ASLAC rules of procedure and will be validated in July 2023

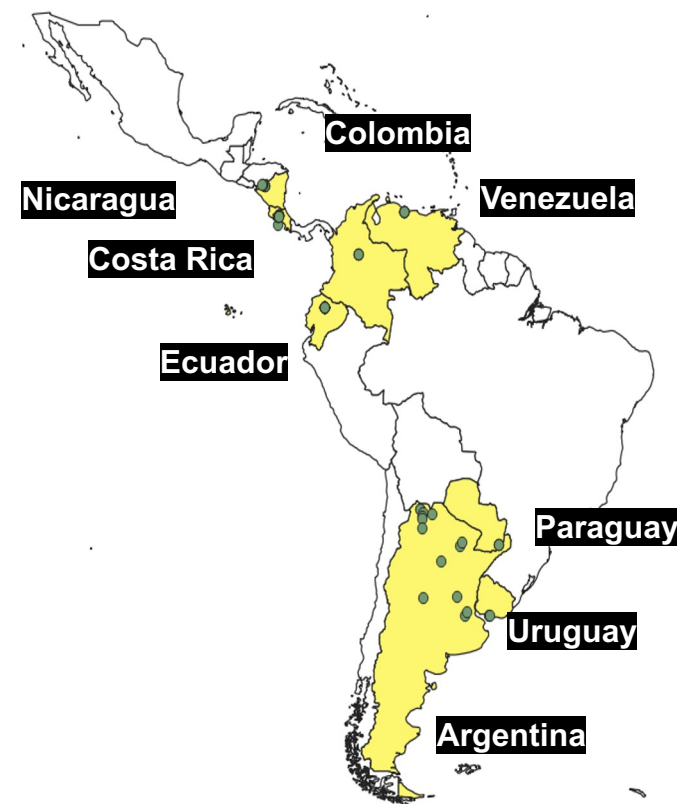


# Sustainable Soil Management – SSM Protocol

- **Regional Technical Cooperation Project: "Actions for the climate management of agricultural ecosystems with emphasis on water and soil"**

Validation pilots of the Protocol for the assessment of sustainable soil management in 8 countries, 8 different land uses, 14 production systems and 20 management practices.

Regional database, with more than 100 surveys on Sustainable Soil and Water Management Practices.



# Fertilizer code

- **July 2022:** Webinar on biofertilizers and other available technologies including the RECSOIL programme.
- **Policy brief:** Alternatives for sustainable management of soil fertilization and plant nutrition.
- **July - September 2022:** series of discussions on "Tools for the sustainable use and management of fertilizers".



# Global Soil Doctors Programme



	Total	LAC
Trainers	117	71
Soil Doctors	403	278

## AMÉRICA LATINA Y EL CARIBE



Esta sección proporciona información sobre la aplicación del Programa de Doctores de los Suelos en la región de América Latina y el Caribe.



## AMÉRICA LATINA Y EL CARIBE

Argentina, Bahamas, Belize, **Bolivia**, Brazil, Chile, **Colombia**, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, **Mexico**, Nicaragua, Panama, Paraguay, Peru, Saint Lucia, Suriname, Uruguay, Venezuela.

[BOLIVIA](#)
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July 2023



# RECISOIL

Implementation of RECISOIL pilot projects in:  
Ecuador  
Mexico  
Costa Rica

**Project in Mexico submitted to the Green Climate Fund:** Increasing resilience to climate change through the recarbonization of agrosilvopastoral soils in Mexico.





# LATSOLAN

- The Latin American Soil Laboratory Network (LATSOLAN) has 224 registered laboratories.
- Interlaboratory comparison exercise held in 2021 and 2022 LATSOLAN showed an acceptable performance for nitrogen, phosphorus, and carbon essays.
- We need to identify specific issues to improve the performance of laboratories in the region.
- There are plans for LATSOLAN to organize a face-to-face meeting to resume interaction among its members
- There are 5 National Laboratory Networks in the region (Argentina, Costa Rica, Nicaragua, Chile and Mexico) and several in process.
- We still need to improve effective communication between focal points and national reference laboratories.

# World Soil Day

The LAC region organized about 121 events.

Participation of government, academics, organizations and farmers.

The region also had one of the highest outreach rates across social media and press.

**This year's winner is**

**Instituto de Geología of the  
Universidad Nacional Autónoma  
de México – IGI-UNAM**  
with its project **'Suelox'**



# Caribbean Small Island Developing States (SIDS) Multi-country Soil Management Initiative for Integrated Landscape Restoration and Sustainable Food Systems: Phase 1

- National Soils Survey Completed for St. Lucia & Grenada & Carriacou.
- Antigua & Barbuda Soils Survey ongoing
- Sampling Design Mapping ongoing for Barbados, Belize, Jamaica
- Preparation for Procurements of Lab Equipment



# Interaction with FAO Regional Office

- TCP Project "Support to regional cooperation for the climate management of agricultural ecosystems with emphasis on water and soil".
- Consultancy: technical requirements for updating and maintaining the regional soil information system SISLAC.
- TCP Project "Agenda for soil management in Latin America and the Caribbean and adoption of tools to promote resilient agrifood systems".
- Community of practice: 30 countries, 684 participants.



# Considerations

- ASLAC has had an active participation in the development of global actions, however, this participation should be further strengthened.
- It is important that all ASLAC members have the necessary information regarding the results of consultation processes and ongoing activities to better contribute to the activities of the new Action Framework.
- For the generation and implementation of the ASLAC Action Plan 2023-2024, the Areas should be matched with regional priorities, and collaboration with partners should be strengthened.
- Funding is central but should not become a constraint to collaborative work. Collaboration with regional organizations could be improved to allow synergies and knowledge exchange.
- ASLAC recognizes the support by the Secretariat of the GSP, and its important role on facilitating communication and interactions among its Members.



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