



Food and Agriculture
Organization of the
United Nations

GLOBAL SOIL PARTNERSHIP

12th Plenary Assembly

03-05 June 2024

ACTIVITY REPORT OF THE INTERNATIONAL NETWORK ON SALT-AFFECTED SOILS (INSAS)



Prof. Dr. Jorge Batlle-Sales
INSAS Chair





Centennial Celebration and Congress of the International Union of Soil Sciences

Florence, May 19-21, 2024.



International Union of Soil Sciences

*From Sumerian agriculture to the agriculture of the 3rd Millennium:
Soil salinization, a worldwide concern. The role of IUSS Commission 3.6*

Prof. Dr. Jorge Batlle-Sales

President of the Commission on Salt-Affected Soils (IUSS)

Chair of the International Network on Salt-Affected Soils (INSAS)

GLOBAL SOIL PARTNERSHIP | 12th Plenary Assembly | 03-05 June 2024



The collaboration within GSP: “Difussion of knowledge”



International Union of Soil Sciences



GLOBAL SOIL
PARTNERSHIP



The International Network of Salt-Affected Soils

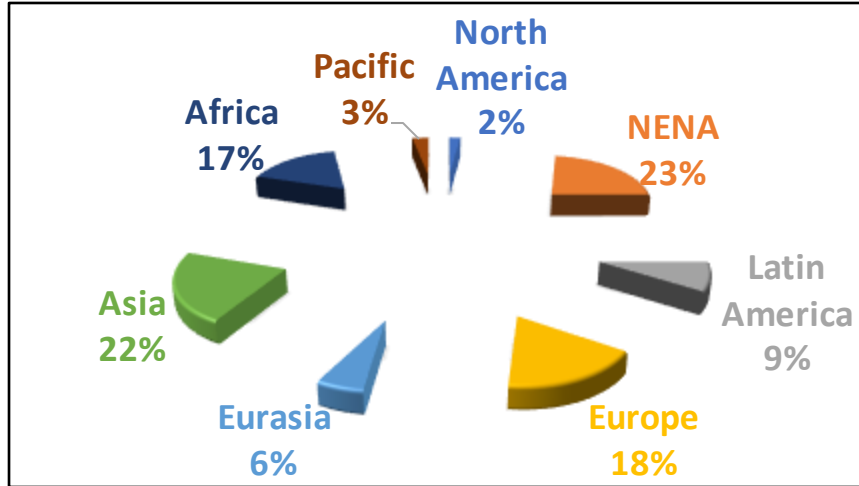
The International Network of Salt-Affected Soils (INSAS), launched in 2019 during the International Center for Biosaline Agriculture's (ICBA) first Global Forum on Innovations for Marginal Environments, **is a Technical Network of the Global Soil Partnership (GSP).**

The Network aims to facilitate the sustainable and productive use of salt-affected soils for current and future generations.

INSAS's mission is to support and facilitate joint efforts towards the sustainable management of SAS for food security, agricultural sustainability and climate change mitigation.

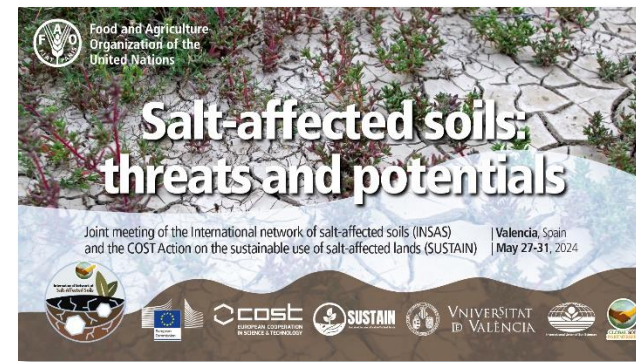
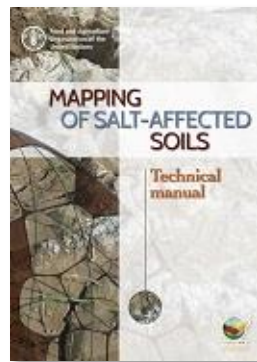
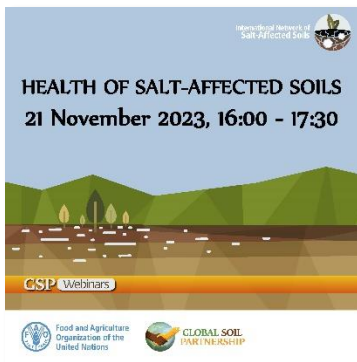
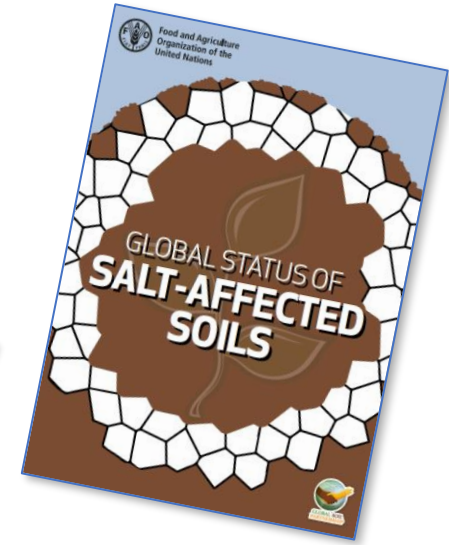


The International Network of Salt-Affected Soils



On-going activities of INSAS

- Global report on the status of SAS.
- Standard Operating Procedures for SAS in cooperation with GLOSOLAN.
- Series of webinars covering measurement, sampling, modeling, management Policy and Governance of SAS.
- Harmonized protocols for soil salinity/sodicity sampling, mapping and assessment.
- Database of good practices.
- Organization of INSAS meetings in collaboration with Commission 3.6, COST and other.





Food and Agriculture
Organization of the
United Nations

Attendants from 39 countries

Salt-affected soils: threats and potentials

Joint meeting of the International network of salt-affected soils (INSAS)
and the COST Action on the sustainable use of salt-affected lands (SUSTAIN)

| Valencia, Spain
| May 27-31, 2024



VNIVERSITAT
ID VALÈNCIA



The role of MSAS and Commission on SAS of the IUSS

- **Advancing scientific understanding of saline environments and the challenges facing agricultural soils at risk of salinization, while developing soil health indicators.**
- **Promoting the adoption of new technologies to address soil salinization.**
- **Fostering collaboration with other organizations to translate knowledge into actionable guidelines for farmers and stakeholders.**
- **Advocating for the inclusion of soil salinization regulation and environmental restoration on political agendas.**
- **Educating future generations on the importance of conserving and managing natural, non-renewable resources, which are fundamental to food production.**



International Union of Soil Sciences
Commission on Salt Affected Soils





Food and Agriculture
Organization of the
United Nations

GLOBAL SOIL PARTNERSHIP

12th Plenary Assembly

03-05 June 2024

THANK YOU



Prof. Dr. Jorge Batlle-Sales
INSAS Chair

