International Network of Salt-Affected soils (INSAS)

Jorge Batlle-Sales (Chair of INSAS

About INSAS

- INSAS was established in 2019 under the aegis of the Global Soil Partnership with the aim to **facilitate the sustainable and productive use of salt-affected soils** for current and future generations

- **First meeting of INSAS** took place on April 14-15, 2021 (virtual format) and was attended by 260 participants from 94 countries

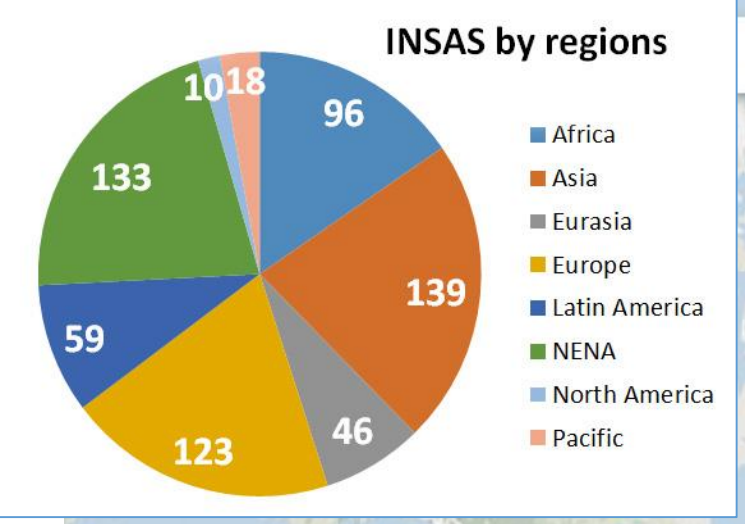
- **The governance** of INSAS was established and the **working groups** were formed

Governance of INSAS

- Chair: Prof. Dr. Jorge Batlle-Sales, University of Valencia, Spain
- Vice-chairs:
  - Dr. Katarzyna Negacz, Vrije Universiteit Amsterdam, the Netherlands
  - Dr. Meisam Rezaei, Soil and Water Research Institute, Iran

- ITPS Salinity working group
  - Prof. Dr. Mohammad Jamal Khan, Pakistan
  - Dr. Ashok K. Patra, India
  - Dr. Kutaiba Hassan, Iraq
  - Dr. Rafla Attia, Tunisia
  - Prof. Rosa Poch, Spain
  - Dr. Megan Balks, New Zealand

Geographic coverage of INSAS



~630 members from 124 countries

Objectives of the INSAS

The establishment of this network has the following objectives:

1. To **promote the sustainable management of salt-affected soils**;
2. To **develop a harmonized approach and indicators** for the assessment, mapping and monitoring of salt-affected soils;
3. To **develop guidelines and manuals on good practices** for the sustainable management of salt-affected soils;
4. To **provide a platform for countries with salt-affected soils** to discuss common issues related to the most suitable methods for protection from deterioration and the sustainable management and reclamation of salt-affected soils, as well as establish a network of experts on salt-affected soils to share and develop further knowledge on the issue;
5. To **foster collaboration among INSAS member countries** towards promoting the sustainable use and management of salt-affected soils, identify relevant knowledge and research gaps and promote regional and global joint research and development programs;
6. To **enhance the collaboration between scientists, practitioners and policy-makers** aimed at the sustainable management of salt-affected soils;
7. To **serve as a platform for capacity development, knowledge sharing and technical cooperation** on salt-affected soils monitoring and management;
8. To **advocate towards the halt and reversal of the negative trends** in expansion of salt-affected soils through different instruments.

Working groups of INSAS

Thematic areas (working groups):

- **SAS&Assessment**: Mapping, assessing and monitoring of salt-affected soils
- **SAS&SSM**: Sustainable management of salt-affected soils (practices, policy)
- **SAS&Crops**: Halophyte agriculture and salt-tolerant crops and plants
- **SAS&Water**: Integrated soil and water management under saline/sodic conditions

Work plan of INSAS

#	Working group	Activity
1	Assessment	SOPs: Standard Operating Procedures for salinity / sodicity / alkalinity measurements
2		Classification: Harmonization of the criteria on the assessment of salt-affected soils
3		Mapping: Review and refinement of methodology for mapping salt-affected soils
4		Monitoring: Development of indicators and methodology for monitoring salt-affected soils
5		Indicators: Development of indicators of soil salinity for soil health, food security and desertification/aridization
6	SSM	Good practices I: Good practices: database on SSM practices of SAS (part I “Inventory”)
7		Good practices II: Development of the manual on sustainable management of salt-affected soils (part II “Analysis and generalization”)
8		Policy: development of the framework for the policy regulation of the status of SAS at the national and global level
9		Global Soil Doctors: Support the Global Soil Doctors program with materials on salt-affected soils
10	Crops	Develop an inventory on the soil salinity/sodicity – crop/plant production models (with due account for soil health conditions, soil geography and SSM practices)
11		Development of the guidelines on growing plants and crops under saline and sodic conditions sustaining soil health
12	Water	Development of water quality criteria for sustainable management of soils to avoid its salinization and sodification
13		Guidelines for using brackish water
14		Development of the manual on sustainable water management in saline/sodic environments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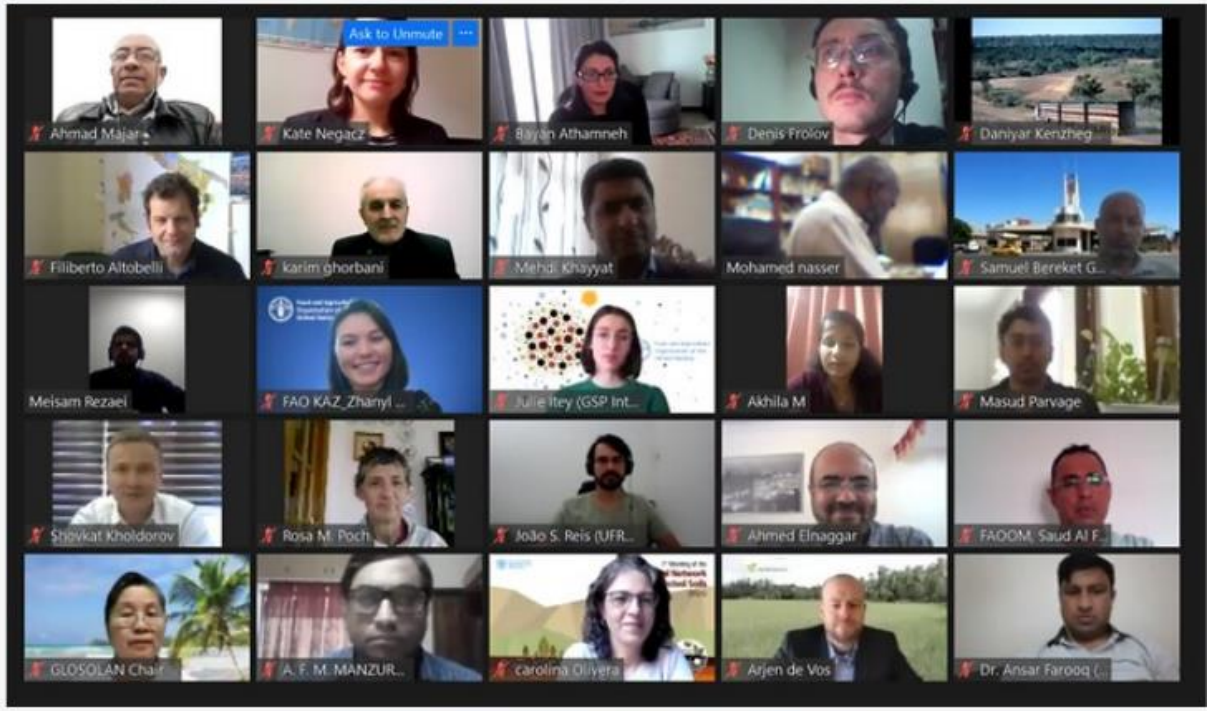
Syria_Riham Zaha...
Philippines_Emm...


Ask to Unmute
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NM
From Nizamatdin Mamutov to Everyone
Greetings from Karakalpak State University, Nukus, Uzbekistan!
Khaled Ibrahimi
Amit Raj Singh


Dr.Mahmoud
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peterprins
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GLOBAL SYMPOSIUM ON SALT-AFFECTED SOILS

20 - 22
October, 2021
Virtual meeting

Thank you for your attention