



Food and Agriculture
Organization of the
United Nations

19th Working Session of the Intergovernmental Technical Panel on Soils (ITPS)

Soil Salinity working group: the latest updates

13-15 November 2023
Online meeting

ITPS:

Ghiath Alloush
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GSP Secretariat:

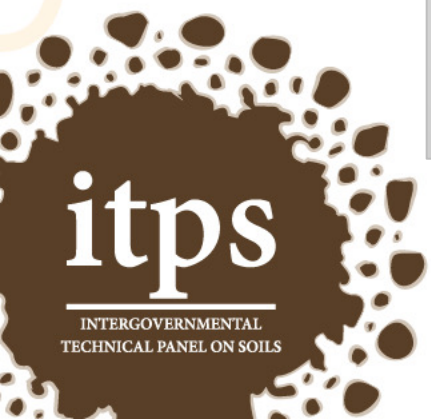
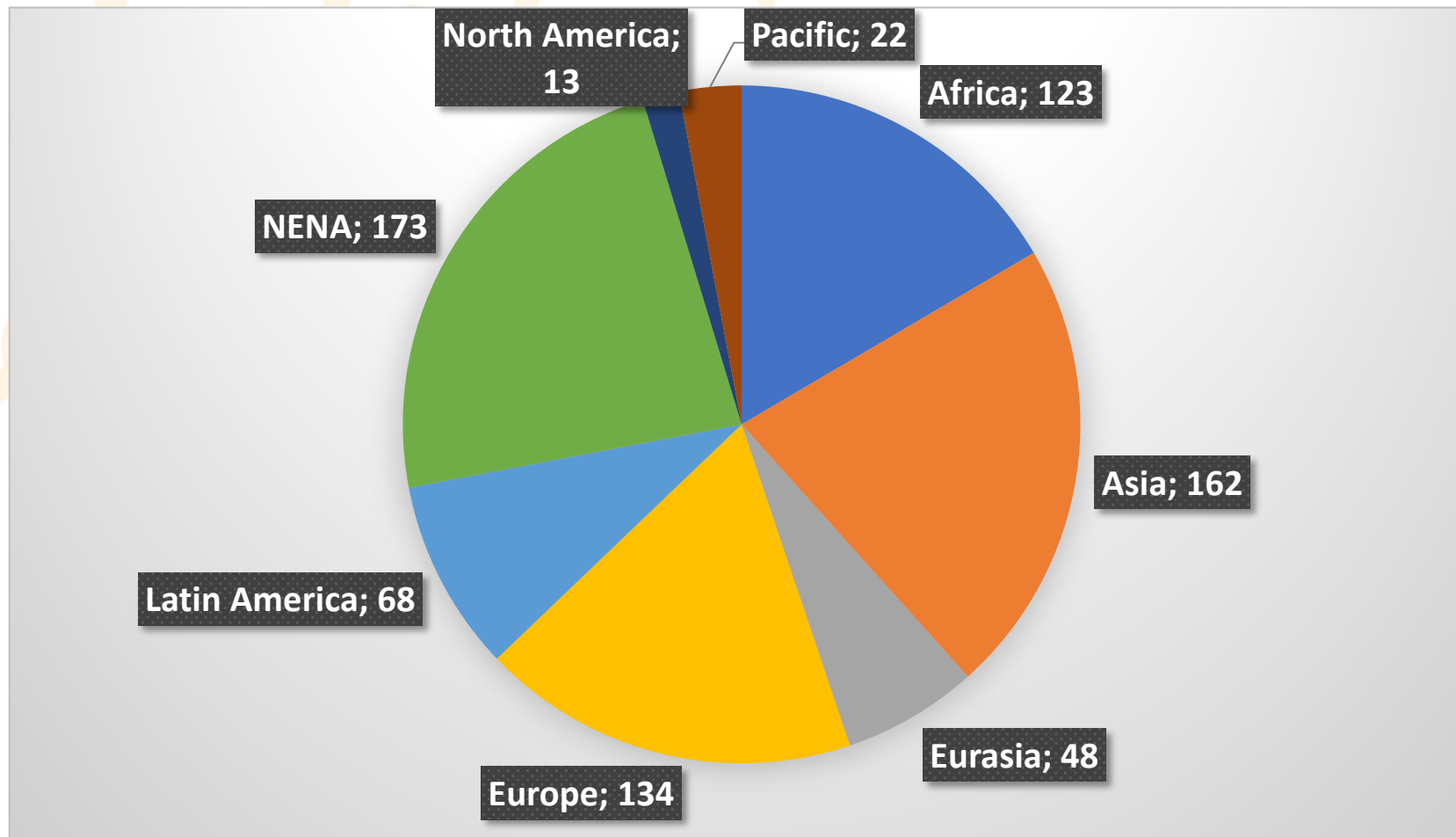
Konyushkova Maria

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INTERGOVERNMENTAL
TECHNICAL PANEL ON SOILS



745 members from 125 countries



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Second meeting of INSAS (Tashkent/Nukus, May 22-26, 2023)

- +170 in-person participants from 24 countries and +370 online participants from 86 countries
- Conference, technical sessions of INSAS working groups, trainings, field excursion to the dried bottom of the Aral Sea and halophyte farm. Report, PPTs, posters, recordings and proceedings are available online: <https://www.fao.org/index.php?id=118216>
- The work plan of INSAS for 2023-2024 and onwards have been approved



Panel on Soils (ITPS)
| Online meeting



Integrated soil-water-crop management in salt-affected areas

The selected papers of the Global Symposium on Salt-Affected Soils (October 20-22, 2021) have been published in the Special Issue of the Italian Journal of Agronomy

The special issue 'Integrated soil-water-crop management in salt-affected areas' (Italian Journal of Agronomy, Vol. 18, No. 2, 2023) containing the selected papers from GSAS Symposium and opinion paper from INSAS Chair is available in open access via

<https://www.agronomy.it/index.php/agro/issue/view/91>

Ongoing activities of INSAS

Activity	Status
Global assessment of salt-affected soils (Main report)	Finalised
Global assessment of salt-affected soils (National reports)	Preparation to publication
Standard Operating Procedures for salt-affected soils (jointly with GLOSOLAN)	No progress since previous ITPS meeting
Series of webinars covering measurement, sampling, modeling and management of salt-affected soils	Webinar #1 on the Health of SAS (November 21,2023)
Harmonized protocols for soil salinity/sodicity sampling, mapping and assessment	No progress since previous ITPS meeting
Database of good practices (jointly with Soil Doctors)	Template developed



Status with the Global Assessment of Salt-Affected Soils

Introduction
Chapter 1. Salt-affected soils: the global perspective
Chapter 2. Human-induced soil salinization and sodification
Chapter 3. Status of salt-affected soils (regional assessments)
Chapter 4. Effect of salinization/sodification on food production, food security, and socio-economic situation
Chapter 5. Responses to the challenges
Conclusions

STATUS (as of November 13, 2023):

texts – 17 countries (43 authors)

questionnaire – 53 countries
(94 authors)

national reports – 39 countries
(205 authors)

Main report: 300+ pages

National reports: 400+ pages

Executive summary: 30+ pages

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Plans for 2023

Activity	Expected support from ITPS
INSAS WGs meetings	Participation in the meetings and online discussions
Drafting of the SAS&Water manual	Revision of the drafts
INSAS webinars	Active participation and proposals & Distribution among your networks
Call for SAS-SSM practices	Revision of the extended template & Distribution among your networks/mobilise partners to contribute
Call to organizations to become Global Soil Doctors promoters	Distribution among your networks/mobilise partners to become promoters



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