



Food and Agriculture
Organization of the
United Nations

15th Working Session of the Intergovernmental Technical Panel on Soils (ITPS)

Soil Salinity working group: the last updates

Mohammad Jamal Khan, ITPS
Ashok Patra, ITPS
Maria Konyushkova, GSP

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TECHNICAL PANEL ON SOILS

15 - 17 November 2021 | Virtual meeting



Salinity Working Group activity between the 14th and the 15th ITPS sessions

- Virtual meetings of the Scientific Committee of GSAS (**August 24, October 6, 2021**)
 - Discussion of the agenda
 - Discussion of the list of potential keynote and invited speakers (with balance in gender, geography, theme and representation of government/academia/practitioner)
 - Overview of the results of review campaign and the program of symposium
- Support in the GSAS, **October 20-22** (moderation, wrap-up session)
- Revision of abstracts/practices for GSAS (~230 submissions)
- Revision of the SAS questionnaire

GSAS Attendance

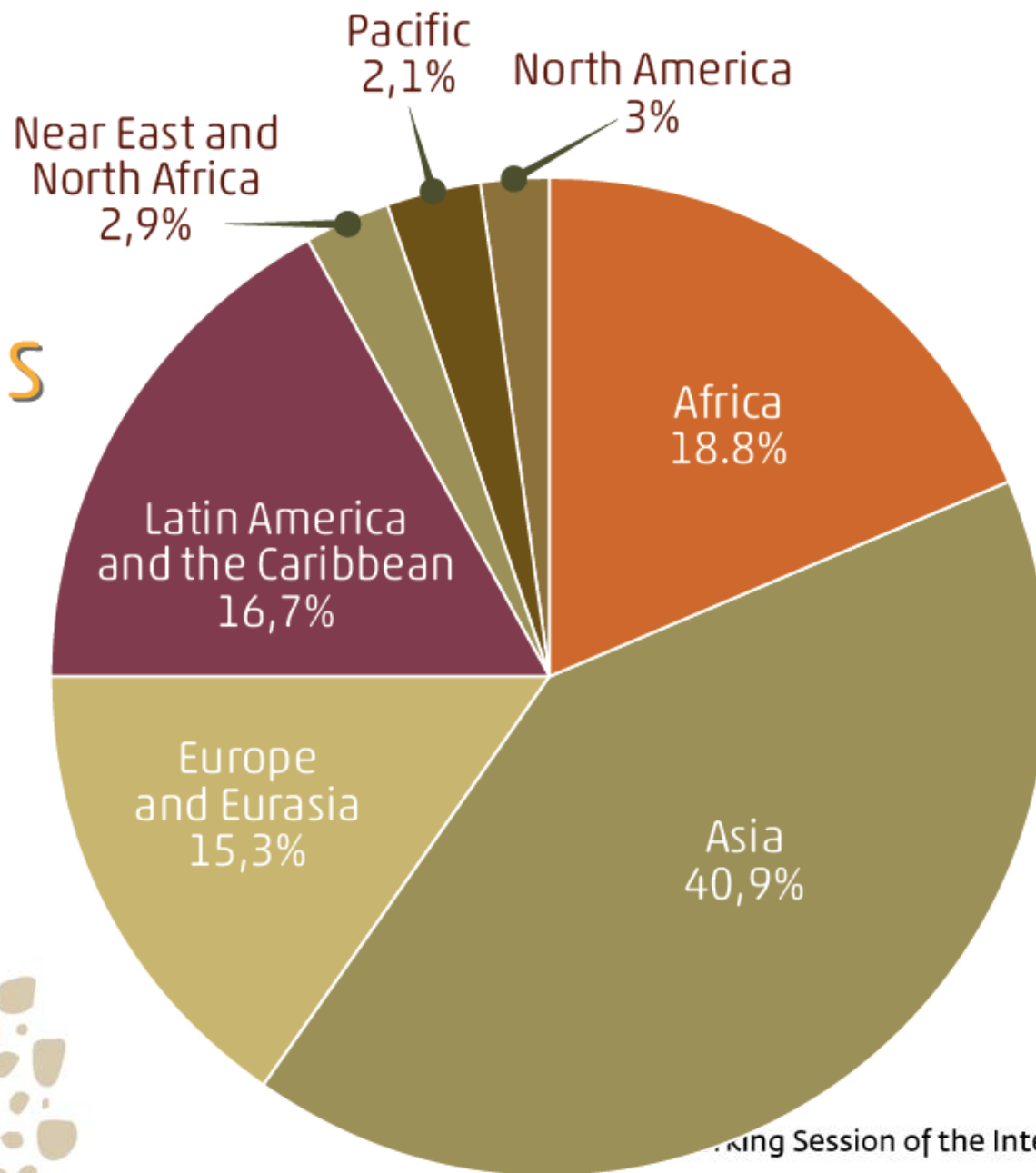
A total of **185 countries** represented

- 5500 registered participants
- +2000 participants on DAY1 (zoom, webcast, videos)
- +1000 in the parallel sessions
- +70,000 votes for the posters



Regional balance

Regions



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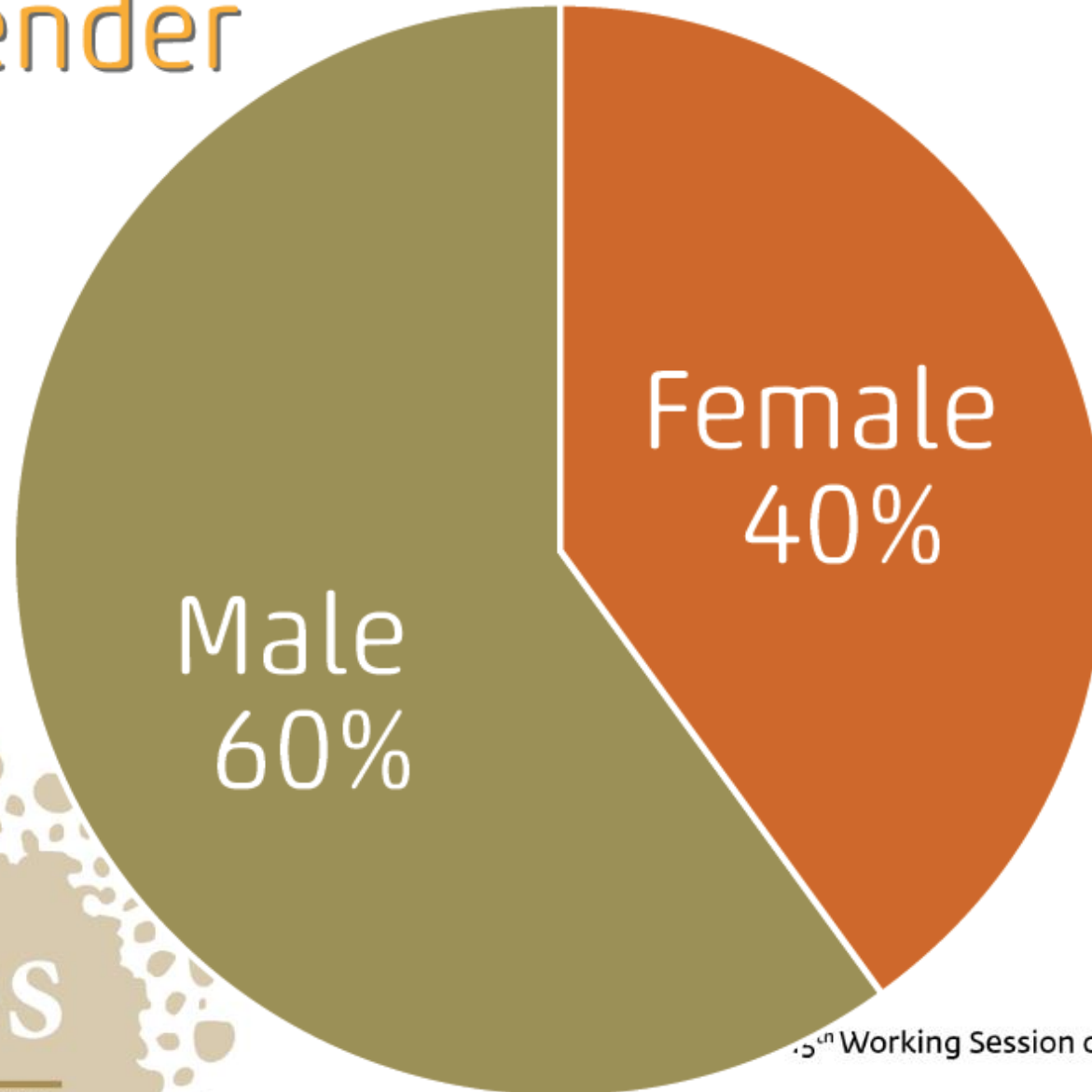
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Gender

Gender balance



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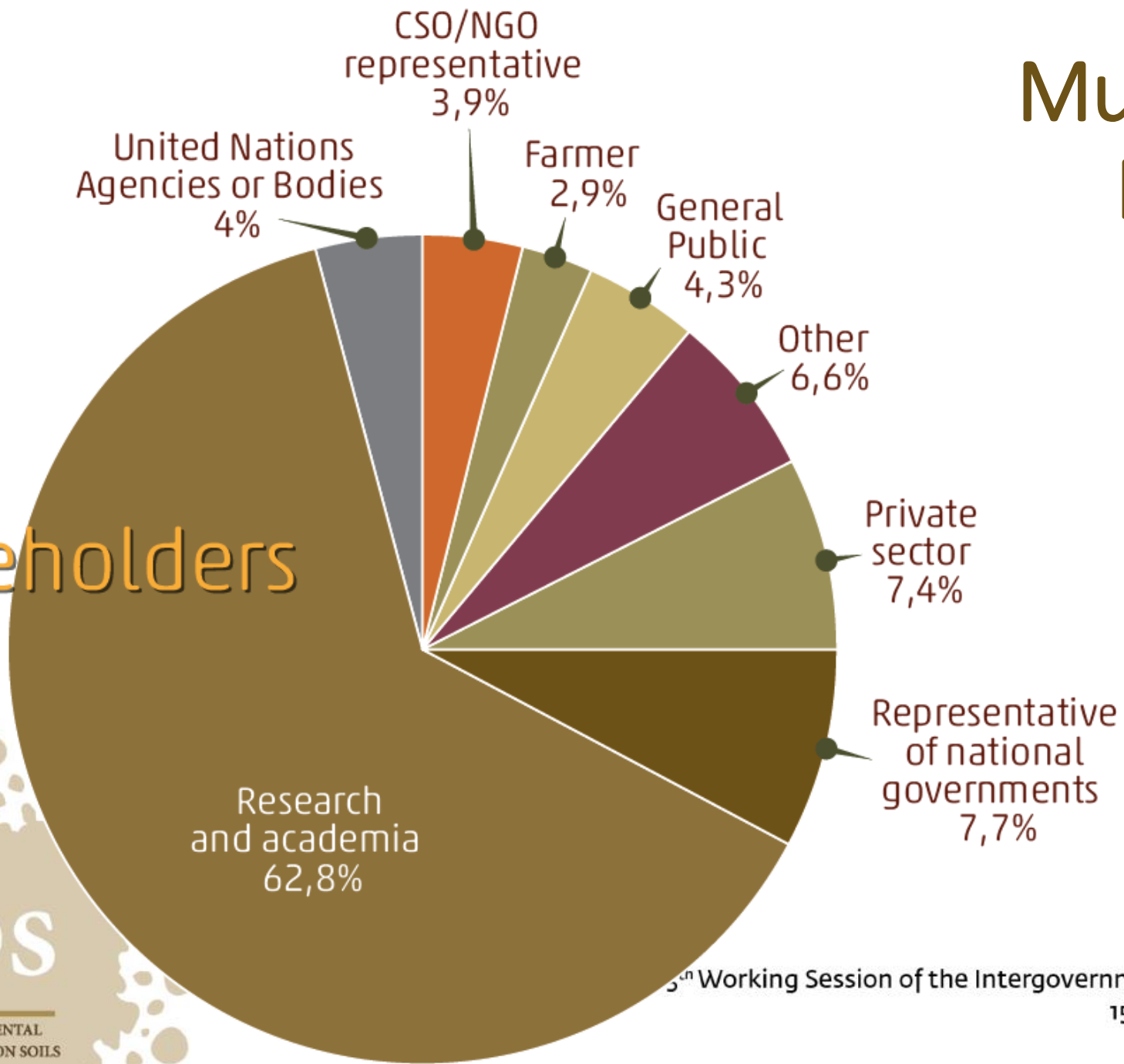
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Multi-stakeholder Meeting (%)

Stakeholders



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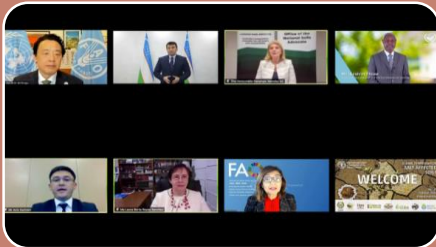
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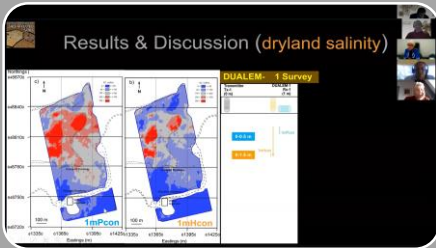
PLENARY HIGHLIGHTS



Dynamic and interactive plenary sessions



7 distinguished guests



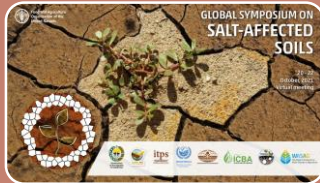
5 renowned key note speakers

3 hours of plenary sessions

SCIENCE AS THE BASIS



+220 scientific abstracts submitted



70 presentations delivered



58 abstracts (posters) open for public voting for 3 days

17 hours of parallel sessions and open discussion

SAS in the news

+100 articles in the main world newspapers



Home > News > Science & Environment > Article

1.5 billion people, living with soil too salty to be fertile

Between 20 to 50 per cent of irrigated soils in all continents have grown too salty to be fully fertile, creating significant challenges for more than 1.5 billion people trying to grow their own food.

UN News | Updated: 20-10-2021 20:35 IST | Created: 20-10-2021 20:35 IST



Presentación, en conferencia virtual, del Mapa mundial de los suelos afectados por salinidad



The India Nation • IND • Oct 21 • 12:08 AM

1.5 billion people, living with soil too salty to be fertile



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AUDIOTECA ASSINE GRATUITAMENTE

1,5 bilhão de pessoas vivem em solos muito salgados para serem férteis

الفاو: 1.5 مليار نسمة يواجهون خطر تدهور تربتهم الزراعية

طباعة

Facebook

Twitter



Picante Today - Prnewswire • ROU • Oct 20 • 07:25 PM

1.5 billion people, living with soil too salty to be fertile



European Business Magazine • GBR • Oct 20 • 07:27 PM

1.5 billion people, living with soil too salty to be fertile



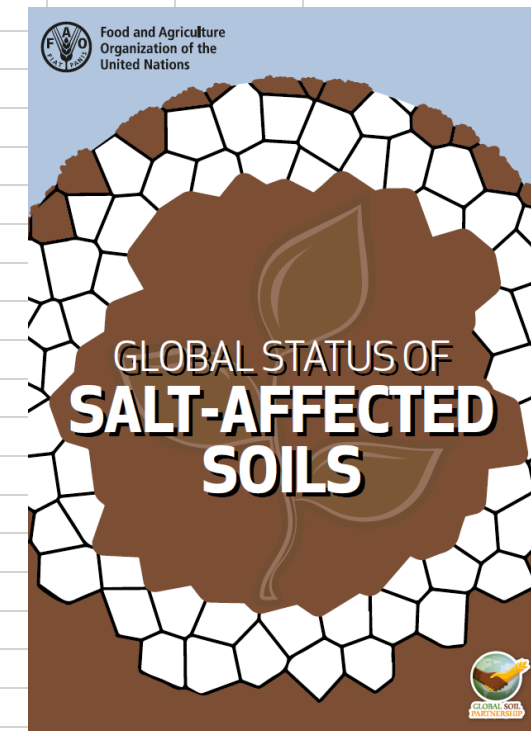
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Africa: 1.5 Billion People, Living With Soil Too Salty to Be Fertile

Global Status of Salt-Affected Soils

The launch has been postponed to 2022

Submitted (35)		Not submitted (37)		Last minute map submissions (49), not contacted yet	
Argentina	Lebanon	Afghanistan	Mozambique	Austria	Laos
Armenia	Lesotho	Bolivia, Plurinational	Myanmar	Belgium	Latvia
Azerbaijan	Mexico	Brazil	Nicaragua	Benin	Liberia
Bangladesh	Paraguay	Chad	Niger	Botswana	Lithuania
Burkina Faso	Peru	Colombia	Nigeria	Bulgaria	Luxembourg
Cambodia	Philippines	Congo, the Democratic Republic of the	Oman	Burundi	Macedonia
Cameroon	Russian Federation	Costa Rica	Pakistan	Canada	Malawi
Canada	Sudan	Djibouti	Papua New Guinea	CAR	Marshall Island
Cuba	Tanzania, United Republic of	Ethiopia	Rwanda	Cote d'Ivoire	Mauritania
Ecuador	Thailand	Georgia	Senegal	Croatia	Namibia
Eritrea	Trinidad and Tobago	Iraq	Somalia	Cyprus	Netherlands
Germany	Turkey	Jamaica	South Africa	Czech Republic	Palestine
Ghana	United States	Jordan	South Sudan	Denmark	Poland
Greece	Uzbekistan	Kenya	Sri Lanka	DRC	Portugal
Guyana	Venezuela, Bolivarian Republic of	Lao People's Democratic Republic	Togo	Equatorial Guinea	Romania
Hungary	Yemen	Madagascar	Ukraine	Estonia	Samoa
India	Zimbabwe	Mali	United Arab Emirates	Eswatini	Sierra Leone
Italy		Moldova, Republic of	Zambia	Finland	Slovakia
		Morocco		France	Slovenia
				Gabon	Spain
				Gambia	Sweden
				Guinea	Syria
				Guinea-Bissau	Tunisia
				Ireland	United Kingdom
				Kuwait	



INSAS working sessions (May – September 2021)

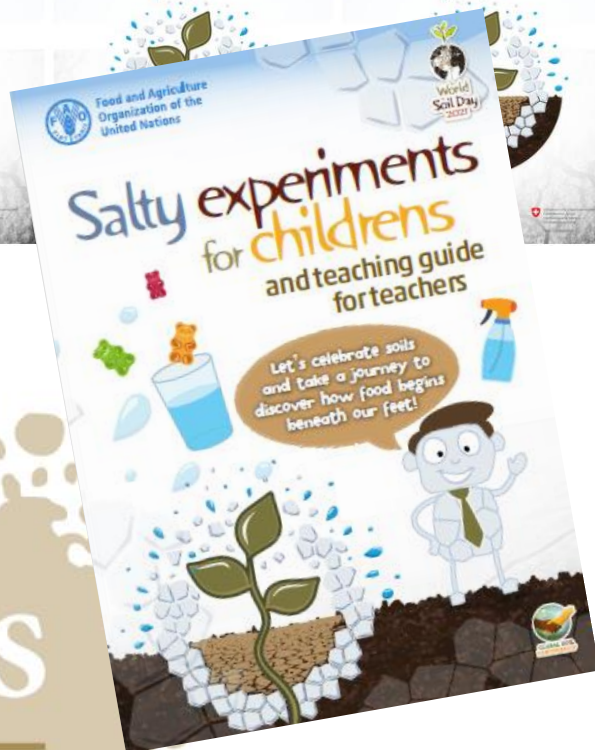
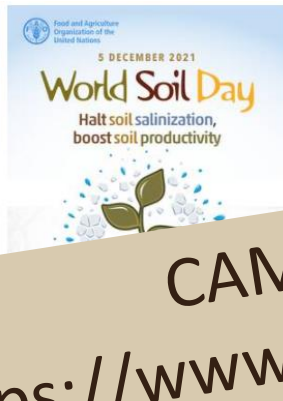
Working group	1 st working session	2 nd working session
SAS&Assessment: Mapping, assessing and monitoring of salt-affected soils	May 24: getting to know each other and defining the priority theme <u>Decision:</u> Review and refinement of methodology for mapping salt-affected soils	August 2: Discussion of the concept, structure, and content of the refined methodology for mapping salt-affected soils <u>Outcome:</u> the draft Table of Content
SAS&SSM: Sustainable management of salt-affected soils (practices, policy)	May 25: getting to know each other and defining the priority theme <u>Decision:</u> Good practices: database on SSM practices of SAS (part I “Inventory”)	September 13: revision of the draft of the Practice/Technology for sustainable management of salt-affected soils <u>Outcome:</u> the revised template
SAS&Crops: Halophyte agriculture and salt-tolerant crops and plants	June 14: getting to know each other and discussion of the models/scenarios which predict the crop/plant production based on soil salinity/sodicity levels <u>Decision:</u> collect the existing information about such models/scenarios to overview in the next meeting	In 2022
SAS&Water: Integrated soil and water management under saline/sodic conditions	June 15: getting to know each other and defining the priority theme <u>Decision:</u> Development of the manual on sustainable water management in saline/sodic environments	In 2022

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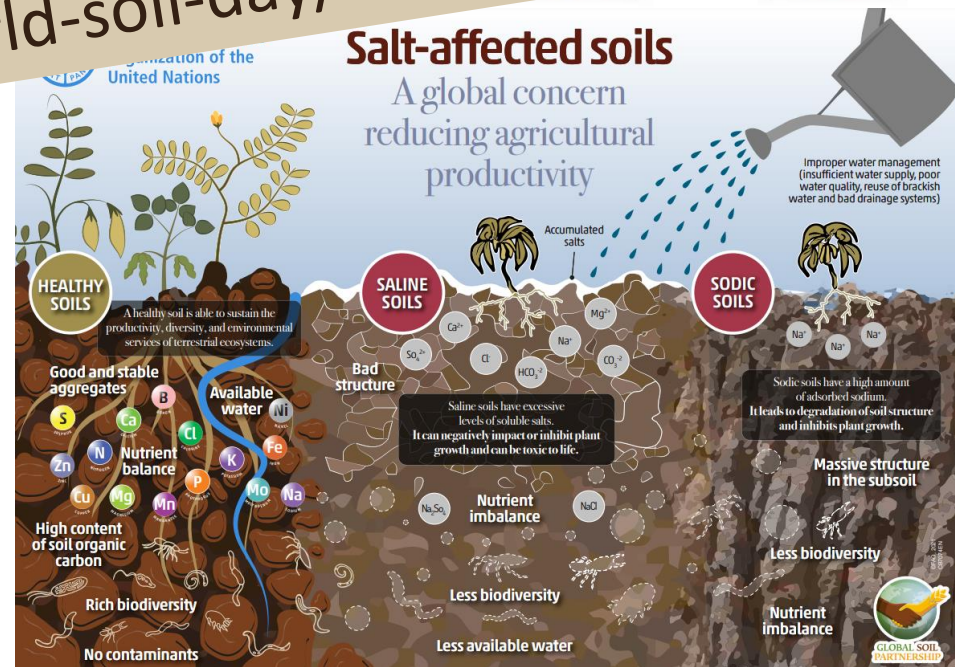
- Encourage WSD events & make sure to **register them on the map**
- We are working on a **special announcement**, please disseminate among your network
- Flexibility allowed given the specific topic. The event can focus on other relevant soil threat, but the SAS topic should be mentionned (through the use of the video, posters...etc)



Arabic | Chinese | English | French | Russian | Spanish



CAMPAIGN MATERIAL
<https://www.fao.org/world-soil-day/en/>



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Working Session

WSD2020, some figures



+780 events
in up to **105 countries**



Over **308 million** social media accounts reached
and **8.3 million** on Weibo



+600k users visited a campaign web pages
on **fao.org**



+500 000 cumulative views for the video
promotion on **TikTok** reached **42 000 views**

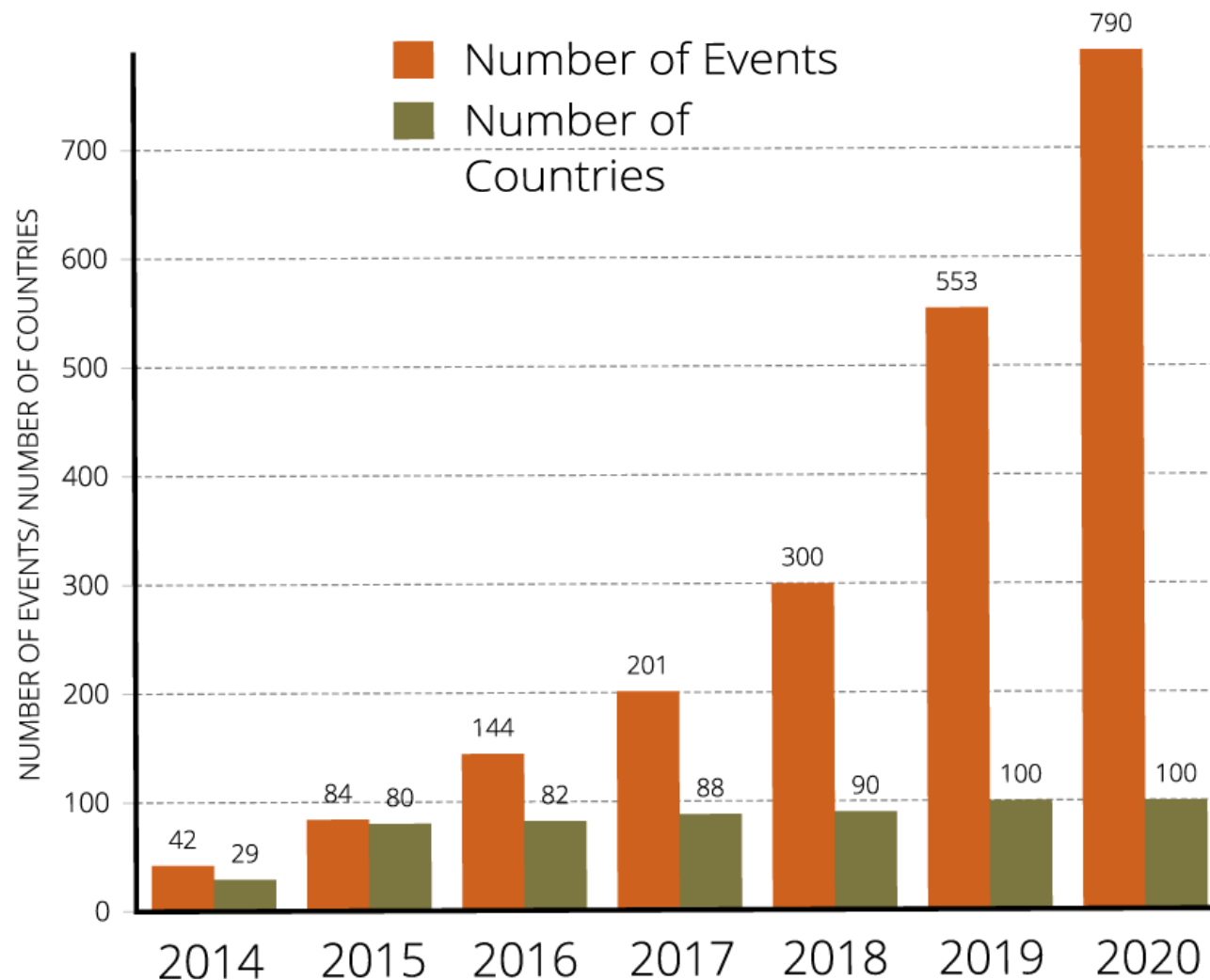


Over **16 languages** and
thousands download



+500 articles reached a potential
891 million people worldwide

Number of Events 2014 - 2020



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ITPS Salinity WG: the work to do in the coming months

- Revision of the GSAS Outcome document (November 2021)
- Global report on the Status of Salt-Affected Soils: revision of national chapters (November – December 2021)
- SAS questionnaire: revision of the modified version (November – December 2021)
- Other ongoing activity



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Thank you for your attention!

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