



Food and Agriculture  
Organization of the  
United Nations

# 9<sup>th</sup> Asian Soil Partnership MEETING

23 - 24 April 2024

## Updates & Way Forward on SWSR 2025

*Jeyanny Vijayanathan  
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Ranjan Bhattacharyya  
Harsha Kadupitiya  
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# INTERGOVERNMENTAL TECHNICAL PANEL ON SOILS (ASIA)



Jin Ke, CHINA



Jeyanny Vijayanathan, MALAYSIA  
Editorial WG SWSR 2025



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Partnership Meeting | 23 - 24 April 2024



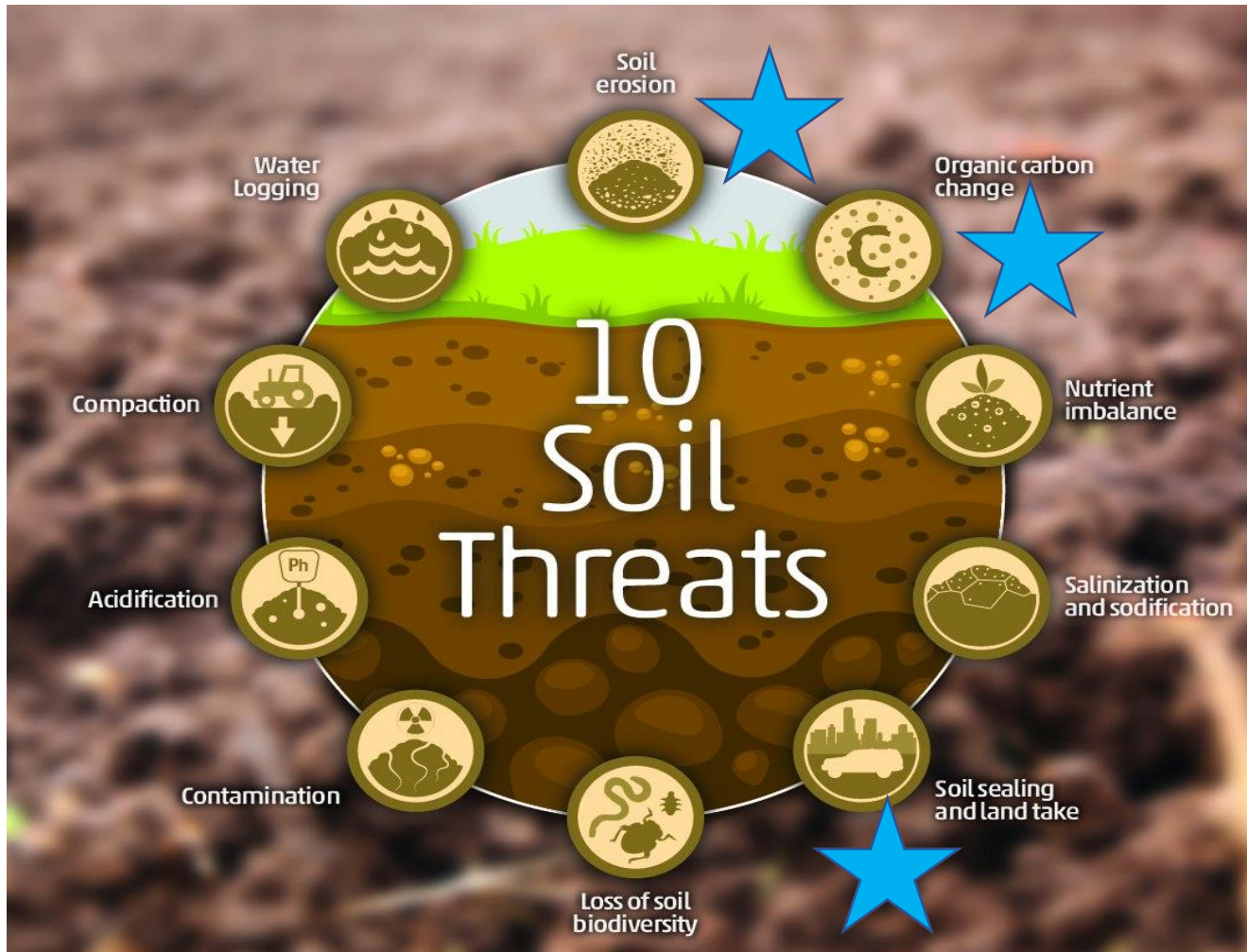
# DIVISION OF SUB REGIONS

- SOUTH ASIA : Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, and Sri Lanka
  - EAST ASIA : China, Democratic People's Republic of Korea, Japan, Mongolia, and Republic of Korea
  - SOUTH EAST ASIA : Brunei Darussalam, Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Myanmar, Philippines, Singapore, Thailand, Timor Leste, and Viet Nam
- SOUTH ASIA : Ranjan & Harsha
  - EAST ASIA : Jin Ke
  - SOUTH EAST ASIA : Jeyanny & Nopmanee

# OVERVIEW

- Overview of the Regional Assessment Chapters
- The Regional Assessment Chapters for the 2025 Status of the World's Soil Resources report have three objectives:
- **1) to summarize new information (since 2015) on the major threats to soil functions,**
- **2) to assess the regional distribution of these threats and**
- **3) to identify sustainable soil management practises that can address these threats.**

# MAJOR SOIL THREATS –ASIA



## Other threats

Soil water availability

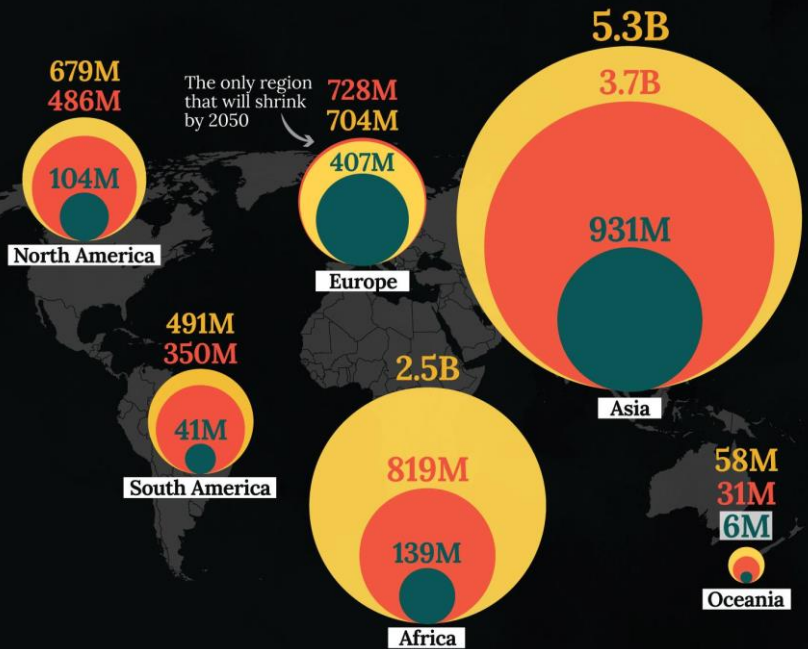
Soil reuse

# MAJOR DRIVERS OF SOIL THREATS –ASIA

## Population Growth

By Region

1900 2000 2050



Projections based on UN medium-fertility scenario.  
Source: Our World in Data

## Land-use Change



## THE COST OF GLOBAL WARMING



50

Number of global billion-dollar climate disasters in 2020



29

Average annual number of global billion-dollar climate disasters since 1990



USD 12 billion

Cost of damage from wildfires in 2020



USD 63 billion  
Cost of damage from severe storms and hail in 2020



USD 35 billion

Cost of most expensive single disaster (summer flooding in China)

USD 268 billion

Global economic losses from climate-related disasters in 2020

Source: <https://yaleclimateconnections.org/2021/01/world-hammered-by-record-50-billion-dollar-weather-disasters-in-2020/>

WÄRTSILÄ

# TIMELINE

No	Item	Dateline
1.	Process of author selection completed	Mid 2023
2.	Contributing authors meetings and completion of the 1 <sup>st</sup> draft	November 2023
3	Sending of compiled materials to Review Editor	December 2023
4.	Revision and responds from the Review Editor	January 2024
5	<b>Revision by the ITPS Lead Authors</b>	<b>March- April 2024</b>
6.	<b>Preparation of Introduction, Graphical Summary on threats and Conclusion by the ITPS</b>	<b>April 2024</b>
7.	<b>Submission to secretariat</b>	<b>April 2024</b>
8.	Review by external reviewers	May- Jun 2024
9.	Amendments	July-Sept 2024
10.	Approval by ITPS	Oct- Nov 2024

# MECHANISM OF CHOOSING LEAD/CONTRIBUTING AUTHORS

- Invitation letter to the Secretary of East & South Asia Federation of Soil Science to provide the name of active contributing co-authors.
- Suggestions by ASP & ITPS on possible authors
- All decisions on authors were vetted through ITPS Asia team based on author CV and requirements for the SWSR 2025
- After selection, invitation letter were prepared and sent off by the Managing Editor
- **Challenges:** Some authors whom have given consent earlier to contribute did not participate after receiving the letters of appointments
- **Mitigation:** Lead authors, ITPS authors and the ASP secretariat had to find new authors to assist in the writing of the report



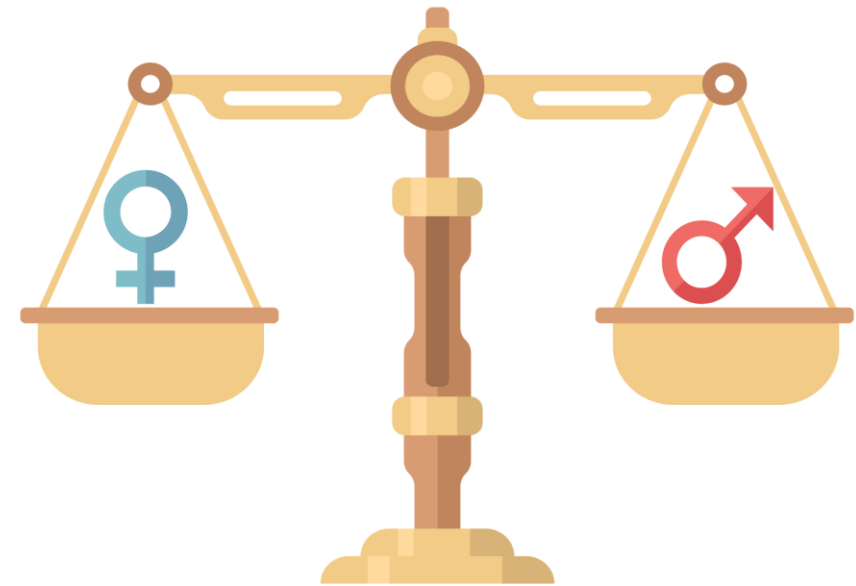
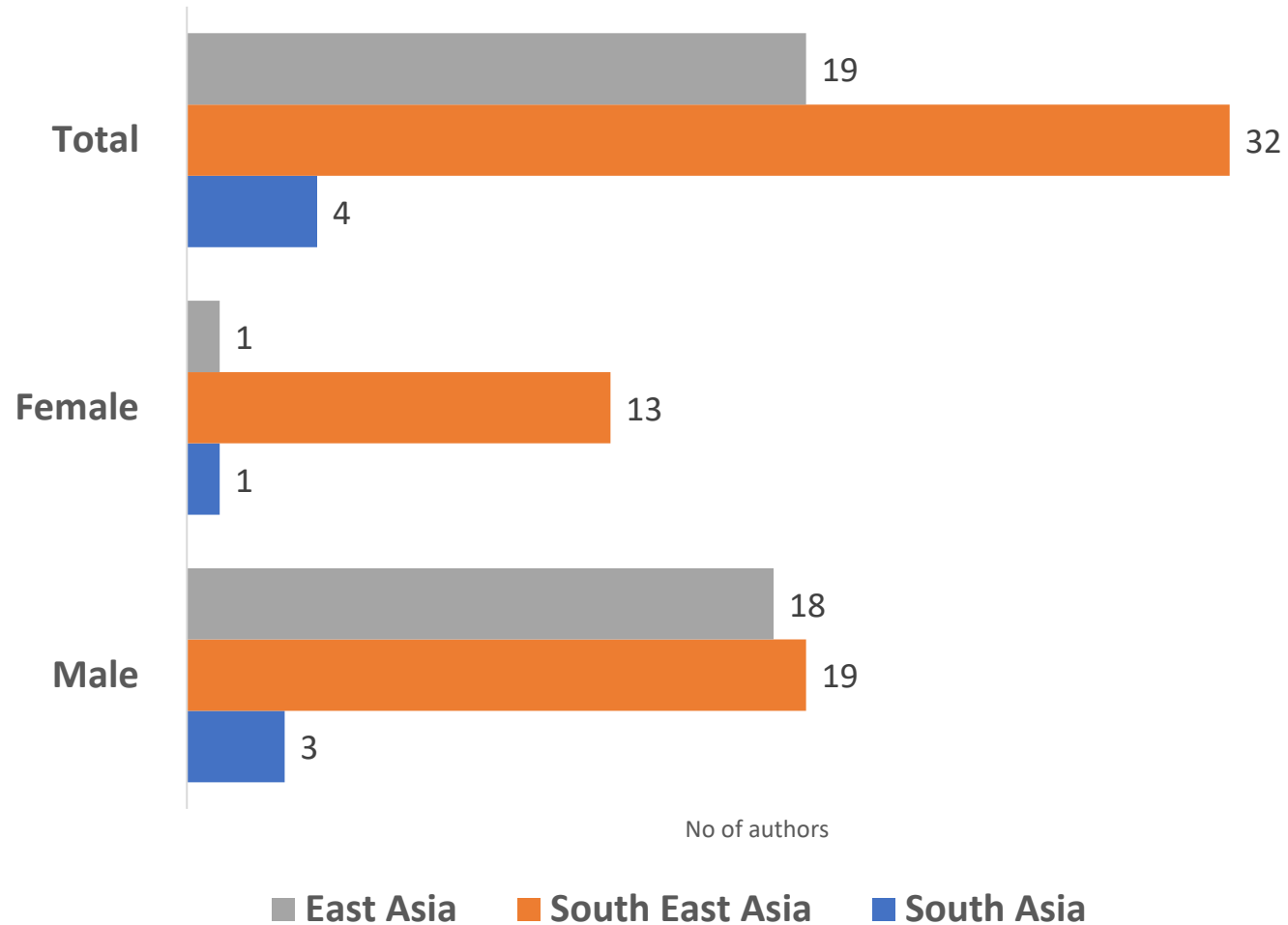
# LEAD AUTHORS

No	Region	Lead Author	Country
1.	South Asia	Udaya Vitharana	Sri Lanka
2.	South East Asia	Christopher Teh	Malaysia
3.	East Asia	Masayuki Kawahigashi	Japan

# CONTRIBUTING AUTHORS

No	Region	Country
1.	South Asia	Sri Lanka, India, Pakistan
2.	South East Asia	Malaysia, Thailand, Vietnam, Philippines, Lao PDR, Indonesia, France
3.	East Asia	Japan, China, Korea

# AUTHORS PROFILE



# ACKNOWLEDGEMENTS

- Asian Soil Partnership Secretariat
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- National Focal Points of Asia
- All Lead & Contributing Authors of SWSR
- ITPS Asia and the Editorial Board
- Global Soil Partnership





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# Thank you

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