



Food and Agriculture
Organization of the
United Nations

22nd Working Session of the Intergovernmental Technical Panel on Soils (ITPS)

International Network on Soil Fertility and Fertilizers (INSOILFER): progress report and next steps

4-6 March, 2025

FAO HQ
Mexico Room
(D211)

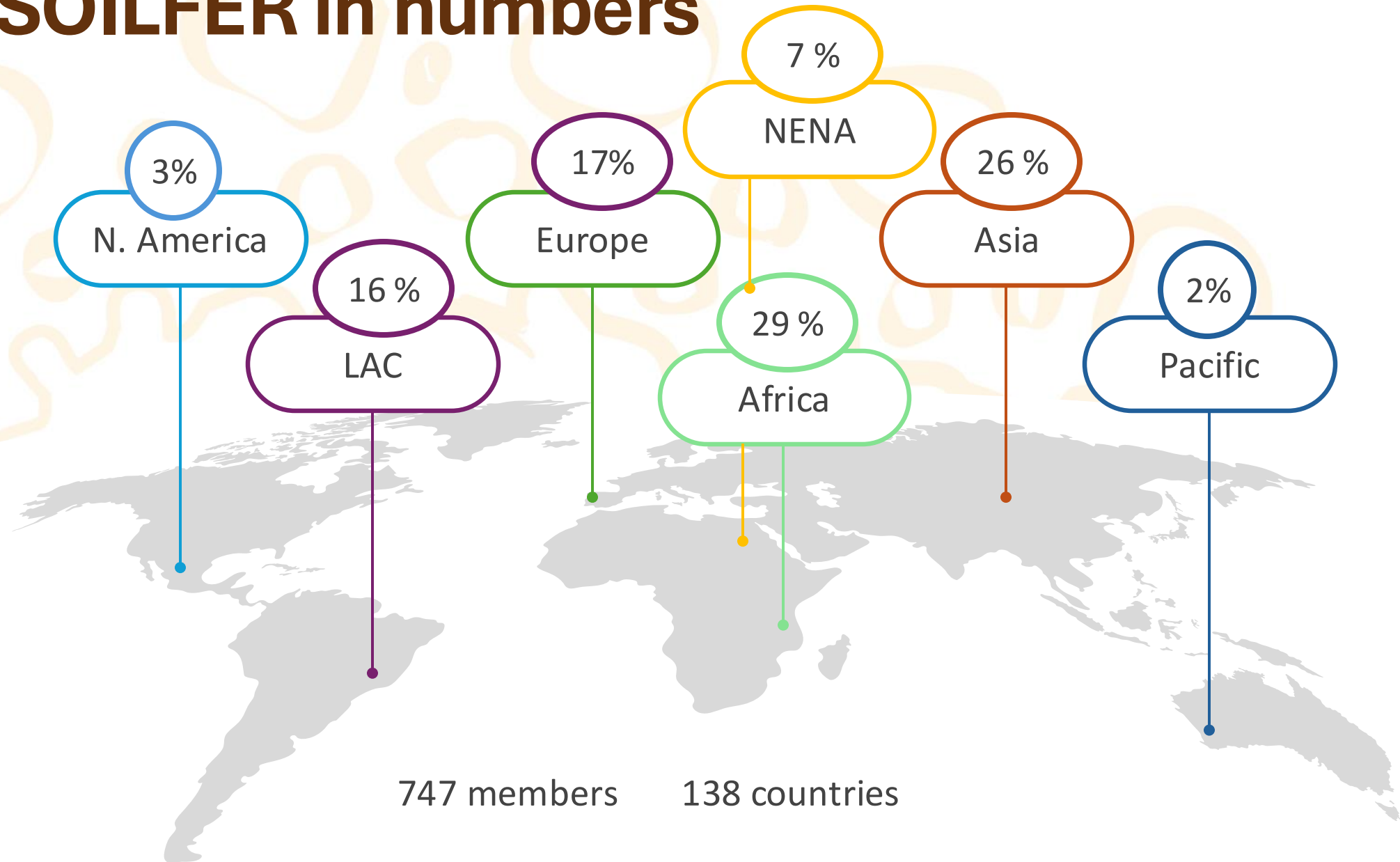
Georges Martial Ndzana
INSOILFER Chair

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TECHNICAL PANEL ON SOILS



INSOILFER in numbers



INSOILFER grew!

INSOILFER continues to expand, counting with more **747 members from 138 countries**.
Membership increased by 56 % compared to 2024 and the number of countries
represented increased by 40 %



INSOILFER operates with three working groups



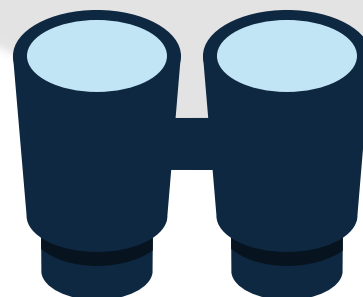
Soil Fertility and Nutrient
monitoring system



Soil Fertility and Fertilizer
Management



Fertilizer Quality and Safety
Assessment



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GLOBAL SOIL
PARTNERSHIP



International Network on
Soil Fertility and Fertilizers

Intergovernmental Technical Panel on Soils (ITPS)
4-6 March, 2025





Meet INSOILFER board!

The International Network on Soil Fertility and Fertilizers

INSOILFER Chair

Ndzana Georges Martial, Cameroon

INSOILFER Vice Chairs

WG1. Ranjan Bhattacharyya, India

WG2. Ricardo Alexander Peña

WG3. Wesley Feldmann

GSP Secretariat Coordinators

Yuxin Tong, FAO

Imane Slimani, FAO

Vinisa Saynes, FAO

Technical Committees of WG1, WG2, and WG3

2 working **INSOILFER members**

cal Panel on Soils (ITPS)
4-6 March, 2025



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INSOILFER activity report: Working Group 1. Soil fertility and nutrient monitoring system

*Translation of
priorities into
actionable
items*



*Following up on
WG1 workshop
conducted in
2024*



Ongoing activities :

- 1) **Policy brief:** Promoting data sharing partnership on nutrient balances for developing NDCS and tackling transboundary nutrient issues
- 2) **Report :** Smart farming technologies and advances in soil nutrient monitoring
- 3) **Presentation in the Tenth INSII Meeting:** envisioning a joint INSOILFER-INSII working group to develop nutrient budget maps methodologies.
- 4) Strengthening the **Technical Committee:** solid, diverse and available.

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22nd Working Session of the Intergovernmental Technical Panel on Soils (ITPS)
4-6 March, 2025





Meet the new WG1 board!

WG1 Technical Committee is renewed and strengthened

WG1 Soil Fertility and Nutrient Monitoring System

WG1 Vice Chair

Ranjan Bhattacharyya, India

WG1 Coordinators, GSP Secretariat

Imane Slimani, FAO

Yuxin Tong, FAO

Technical Committee

- Masango Solomon Sone, Cameroon
- Andrew Margenot, United States
- Xin Zhang, United States
- Chantal Hendrix, The Netherlands
- Idowu Ademola Atoloye, United States
- Samuel Ayodele Mesele, Ethiopia
- Baojing Gu, China
- Debasis Golui, India
- Sieg Snapp, Mexico
- Sheleme Beyene Jiru, Ethiopia
- Diego Camilo Peña Quemba
- Cédrick Nguemezi

22nd Working Session

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INTERGOVERNMENTAL
TECHNICAL PANEL ON SOILS

Soils (ITPS)
March, 2025



INSOILFER activity report: Working Group 2.

Soil fertility and fertilizer management

*Translation of
priorities into
actionable
items*

*Following up on
WG2 workshop
conducted in
2024*

Ongoing activities:

1) Report: Can organic amendments tackle climate change and food security?

2) Policy brief: Can organic amendments tackle climate change and food security?

PS: the report will be written first then extract the policy brief

3) Capacity building webinar

Special thanks to the Comm team!

Building a greener future
for sustainable farming
through fertilizer
innovation

Webinar
13th March, 2025



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21st Working Session of



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INSOILFER activity report: Working Group 3.

Fertilizer safety and quality assessment

*Translation of
priorities into
actionable
items*



Ongoing activities:

- 1) **SOPs harmonization for fertilizer quality assessment** : NPK and heavy metals
- 2) **Capacity building webinar** for the launch of the "Standard operating procedure for heavy metal determination in phosphate fertilizer materials"
In construction
- 3) **Strengthening plan** for the WG3 governance and work plan

Next steps

- ✓ Online and in person training
- ✓ Develop indicators and guidelines for biofertilizer quality and safety assessment
- ✓ SOP 's Publish harmonized SOPs NPK
- ✓ Policies: Develop a policy brief on permissible limits for heavy metal content in fertilizers
- ✓ Platform similar to SOILEX
- ✓ Survey on quality assurance and good practices

*Following up on
WG3 workshop
conducted in
2024*



Planning in person Annual Meeting



Increasing membership

Future
efforts
focused on:

Publication and raising awareness materials





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Thank you

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