



Food and Agriculture
Organization of the
United Nations

21st Working Session of the Intergovernmental Technical Panel on Soils (ITPS)

International Network of Black Soils (INBS) progress report

November 18-19-20, 2024

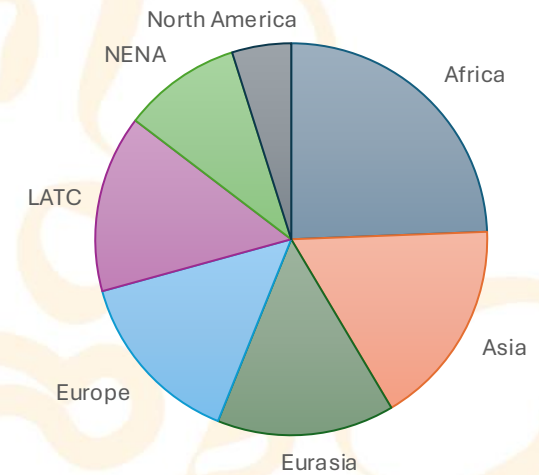
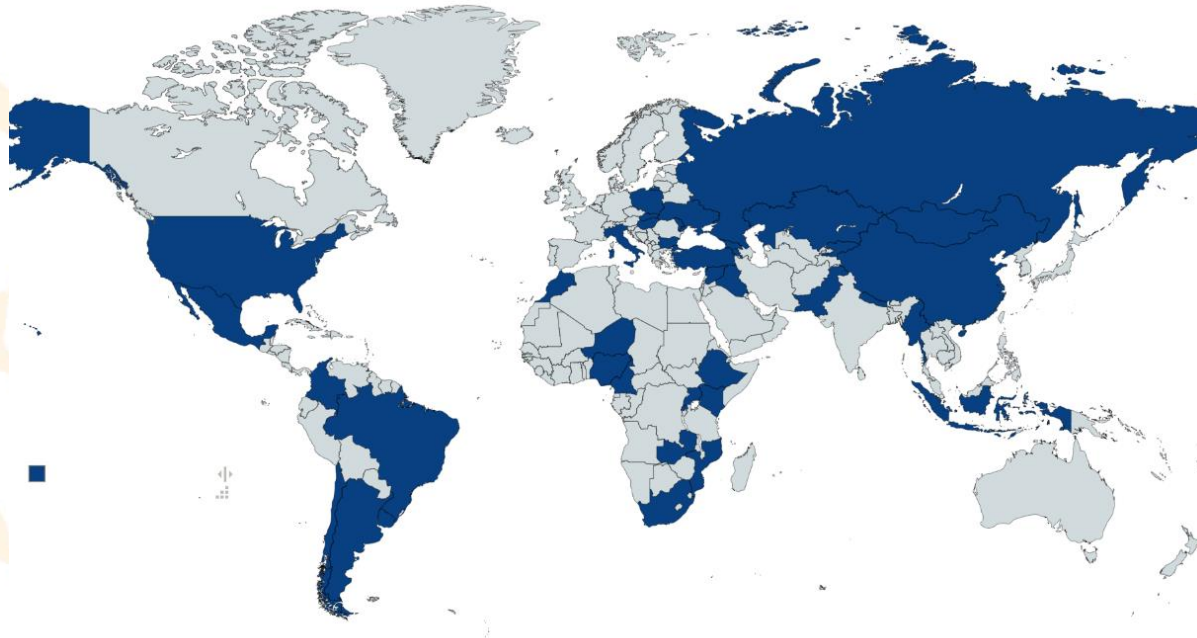
Lúcia Helena Cunha dos Anjos

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Members of INBS - 41 Countries and 1 Union



■ Africa ■ Asia ■ Eurasia ■ Europe ■ LATC ■ NENA ■ North America

New INBS countries

i
INT
TECH

Cameroon
Nigeria
Ethiopia
Niger
Uganda

Global distribution of black soil member countries

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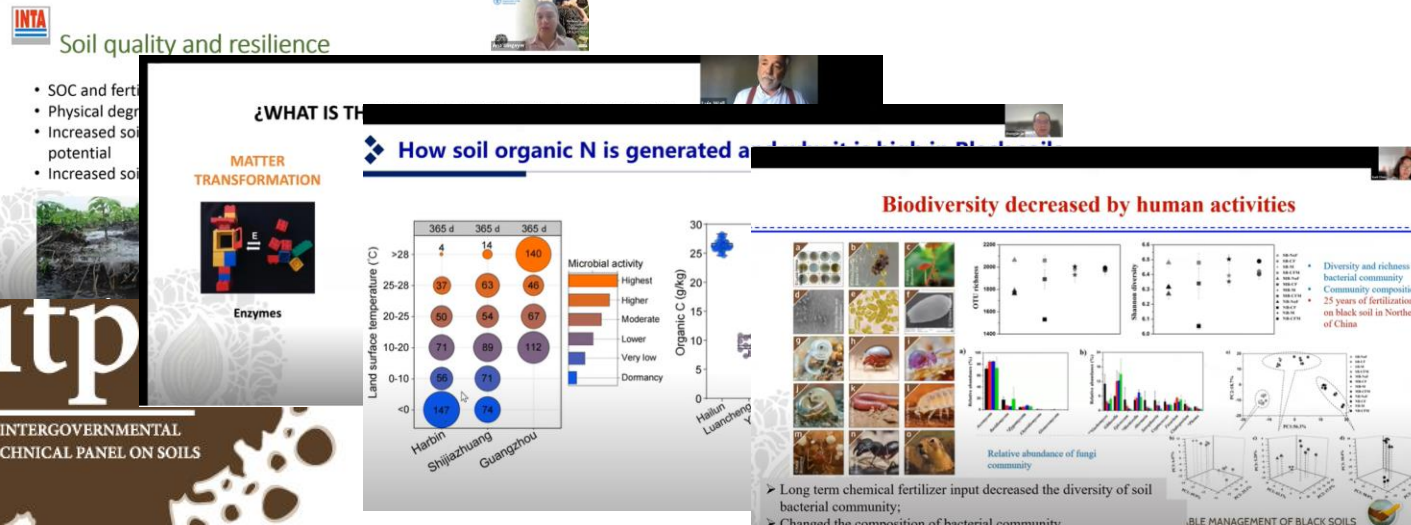
One webinars organized in 2024

- Sustainable Black Soil Management, case studies from China 6 February 2024

Speakers:

- Mr. Miguel Angel Taboada, Chair of INBS
- Mr Ganlin Zhang, Institute of Soil Science, Chinese Academy of Sciences
- Mr Tusheng Ren, China Agricultural University
- Mr Zhongjun Jia, Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences
- Ms Xueli Chen, Heilongjiang Academy of Agricultural Sciences

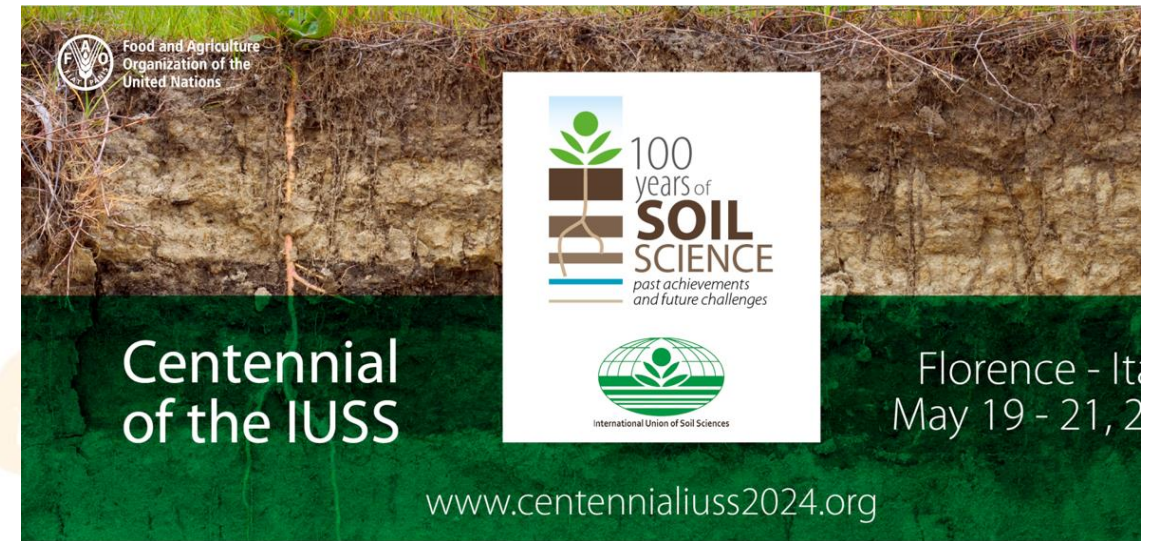
Black soil experts shared successful management practices to improve the health of black soils with more than 600 participants from around the world.



Co-organized the session on Black Soils: Their importance for food Security And Carbon Neutrality in IUSS

Centennial of the IUSS
Florence – Italy May 20

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**Sustainable Management of Black Soils: Urgent Need for Achieving
Global Food Security and Climate Change Mitigation**



21st Working Session

5th Workshop of the International Network of Black Soils & International Symposium on Sustainable Utilization of Black Soils

9 July

OPENING by FAO DG and 6 high-level speakers

12 keynote presentations

- 200 participants in person
- 14 INBS country delegates
- 485 online participants

10 July

18 Chinese presentations

16 international presentations

INBS workshop



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OUTREACH

Published in 12
medias, reaching
**people
worldwide**

- *FAO Website*
- *FAO DG tweet*
- *FAO Global Soil Partnership Website*
- *FAO Global Soil Partnership newsletter*
- *Xinhua News*
- *China News*
- *Science and Technology Daily*
- *Farmers' Daily*
- *Jilin TV*
- *Jilin Daily*
- *China Jilin Network*
- *Country Seasons*



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1st Working Session of the Intergovernmental Technical Panel on Soils (ITPS)

November 18-19-20, 2024



Co organize: CBD COP16 side-event #5696

Forging Integrated Ecosystem-based Solutions: Sustainable Soil Management in Black Soil Regions for Rio Convention Synergies/ 22 October 2024 Columbia

UNEP and FAO

Keynote speech: Sustainable Management of Black Soils: Urgent Need for Achieving Global Food Security and Climate Change Mitigation

Mr. Yuxin Tong, International Network of Black Soils (INBS), FAO



November 18-19-20, 2024

International Conference «**SOIL MONITORING. REALITIES, CHALLENGES, AND PROSPECTS**»
Dedicated to the 60th anniversary of the State Institution's «Institute of Soil Protection of Ukraine» foundation
July 25, from 10:00 to 14:25 Kyiv time

Keynote presentation: Sustainable
Management of Black Soils; International
Network of Black Soils (INBS), FAO



Support the publication of a Special Issue on black soil management in Moscow University Soil Science Bulletin

- ❖ An introductory article
- ❖ Creation and Application of a Full Soil Layer Fertilization Technology Model for Continuous Maize Cultivation with Straw Return in Black Soil of Northeast China
- ❖ Effects of Maize Straw Return Modes on Soil Organic Carbon Content and Aggregate Stability in a Mollisol in Northeast China
- ❖ Susceptibility assessment of soil structure degradation, soil acidification, soil nutrients stoichiometry under different land uses and parent materials in tropical black soils
- ❖ Assessing the Morphological and Physico-Chemical Properties of Two Vertisol Black Soils for Optimal Land Management in Garoua, Northern Cameroon, Sub-Saharan Africa

INBS activities 2024-2025

- Organization of a global survey to understand the black soil types, evaluation indicators and soil analysis methodologies
- Support for the development of Black soil courses under EduSoil platform
- Establishment of a protocol on black soil monitoring
- Organize Webinars on sustainable black soil management of Africa and North American
- Support resource mobilization for black soil management
- Organize 6th Workshop of the International Network of Black Soils (INBS) with IUSS Division 1 Conference, July 2025 in Winnipeg Canada

INBS is open for further suggestions and collaborations
And support needed from ITPS



18th Working Session of the Intergovernmental Technical Panel on Soils (ITPS)
21-23 March 2023 | Fao Headquarters | Rome, Italy



Thanks to ITPS black soil working group

- Lúcia Helena Cunha dos Anjos
- Ndzana Georges Martial
- JIN Ke
- Guillermo A. Studdert
- Michael Castellano



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Thank you

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