



Food and Agriculture  
Organization of the  
United Nations

# International Network of Black Soils

Miguel Taboada  
Chair of the INBS

**GLOBAL SOIL  
PARTNERSHIP**

11<sup>th</sup> Plenary Assembly

12-14 July 2023



# Launch of INBS

Black soils cover about 916 million hectares worldwide (7% of the world's ice-free land surface) and are identified by a thick, dark-coloured, humus and base rich surface horizon with a high base saturation to 1.8 m depth.

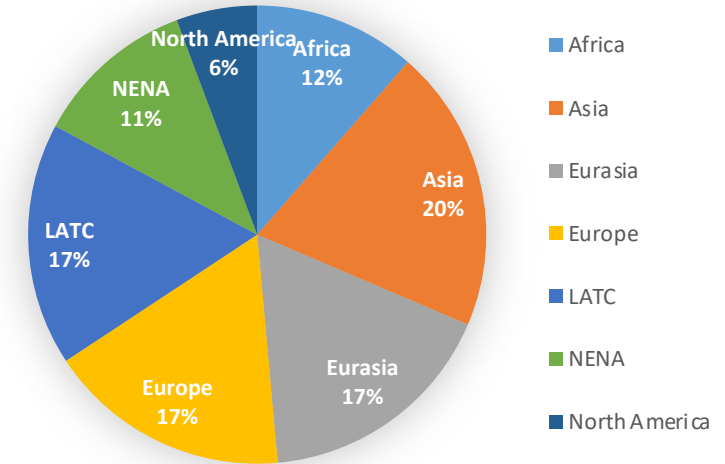
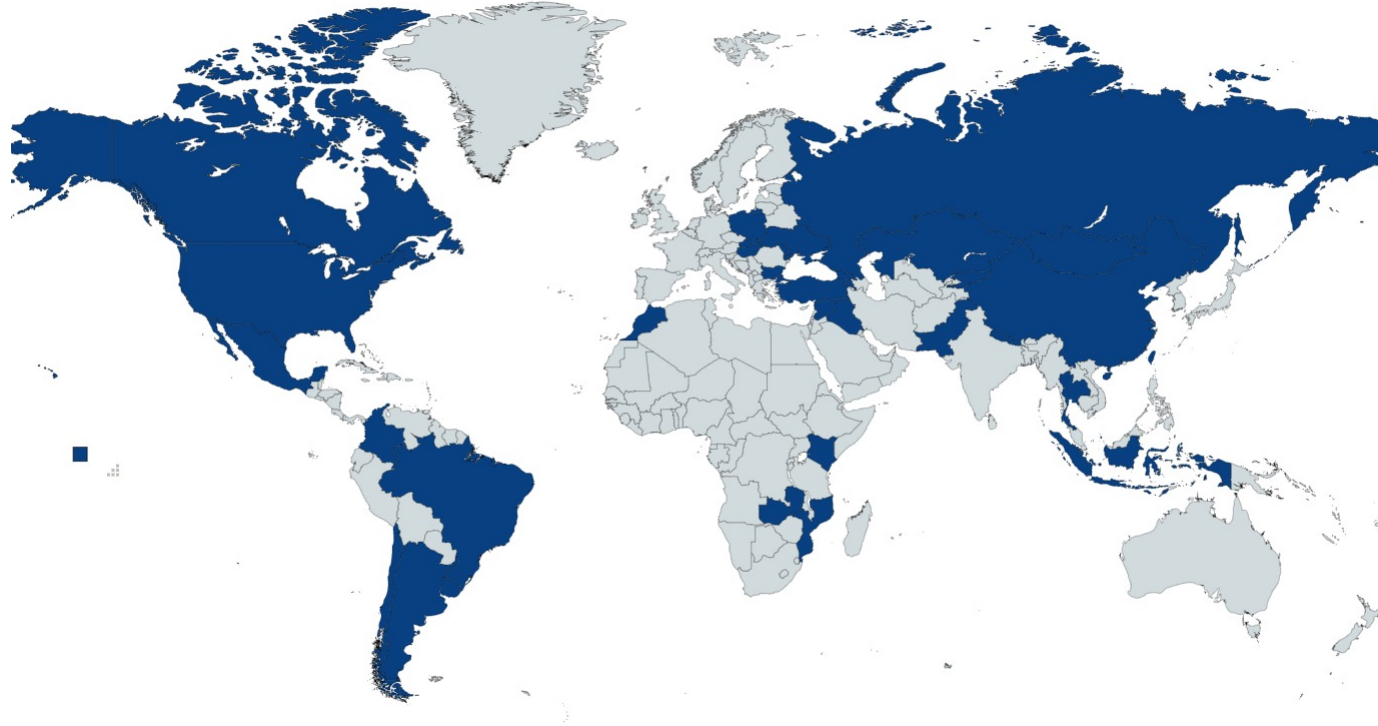
The International Network of Black Soil (INBS) was launched in Rome, in March 2017, on the basis of recommendation of the FAO's Global Soil Partnership (GSP) on the UN's Sustainable Development Goals (SDG), and the discussions and decisions from the Global Symposium of Soil Organic Carbon (GSOC 2017).

The INBS aims at:

- Promoting conservation and sustainable use of black soils, considering their great importance and risk of severe degradation.
- Unlocking their potential to support food security while protecting the environment and mitigating climate change.



# Members of INBS - 34 Countries and 1 Union

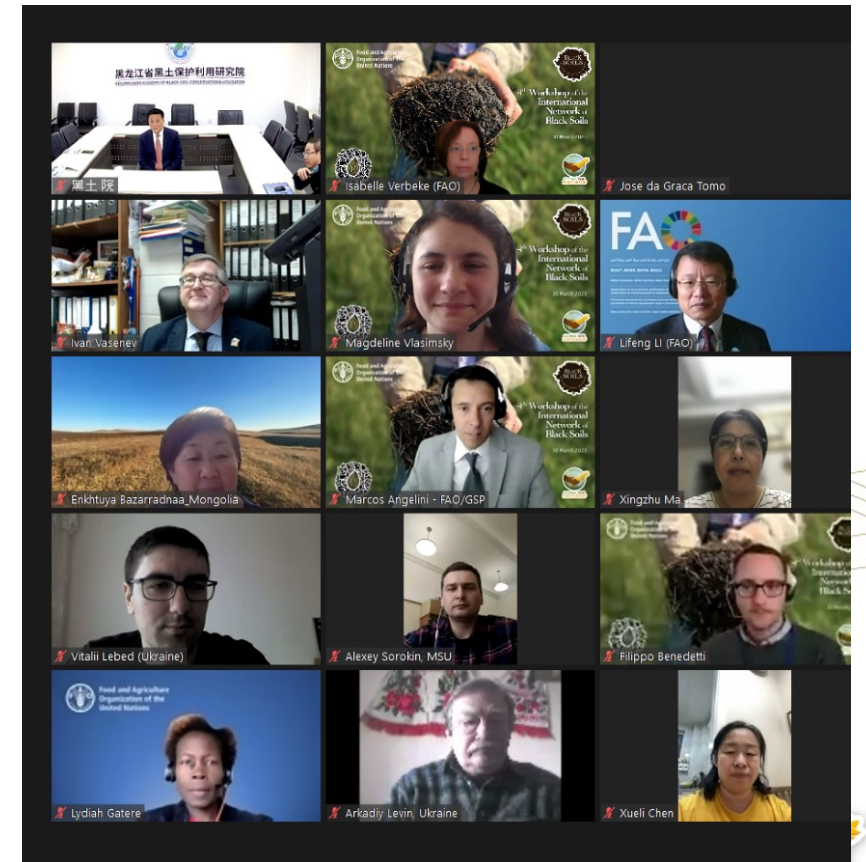


Global distribution of black soil member countries



# 4<sup>TH</sup> Workshop of the INBS

- Reported the progress of the INBS in 2022-2023
- Endorsed the INBS activity plan 2023-2024
- Renewed ToRs of INBS
- Selected and announced the INBS chair and vice chair

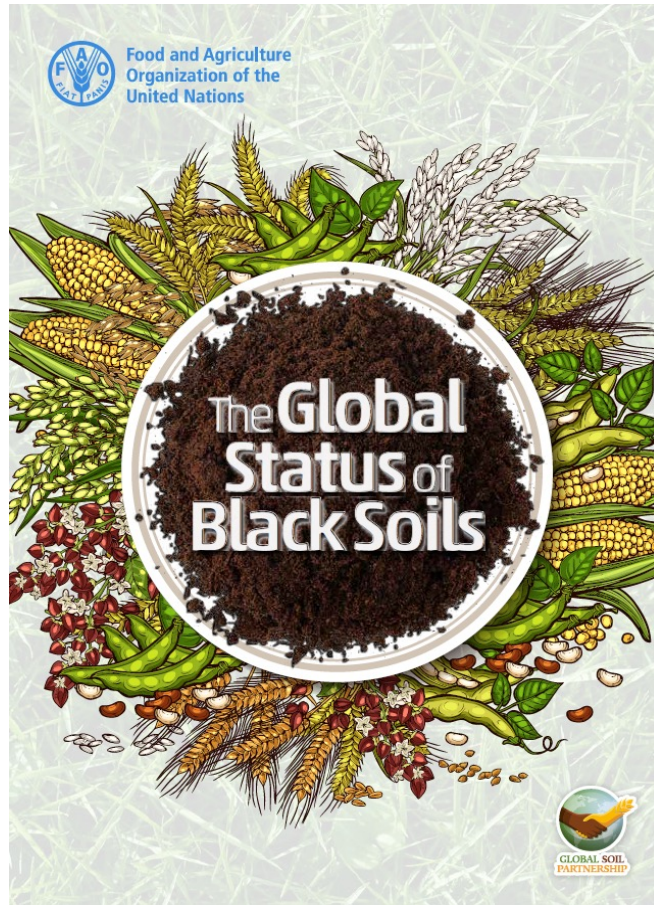


# INBS work plan 2023

- Develop a technical manual on sustainable black soil management practices;
- Update the Global Black Soil Distribution Map (GBSmap)
- Develop international guidelines on sustainable management of black soils;
- Organize webinars on the topics of sustainable black soil management; and
- Develop courses for sustainable black soil management under EduSoils platform.



5<sup>th</sup> December  
2022



***The intention of the global black soil report is:***

- *to raise awareness on the importance of this limited natural resource (black soils);*
- *to understand black soils' distribution and status;*
- *to provide key information that will give decision makers to promote the sustainable use and management of black soils.*

✓ **188 soil scientists** from **31 countries** contributed to the report with their knowledge on status, challenges, management, conservation, and monitoring of black soils.

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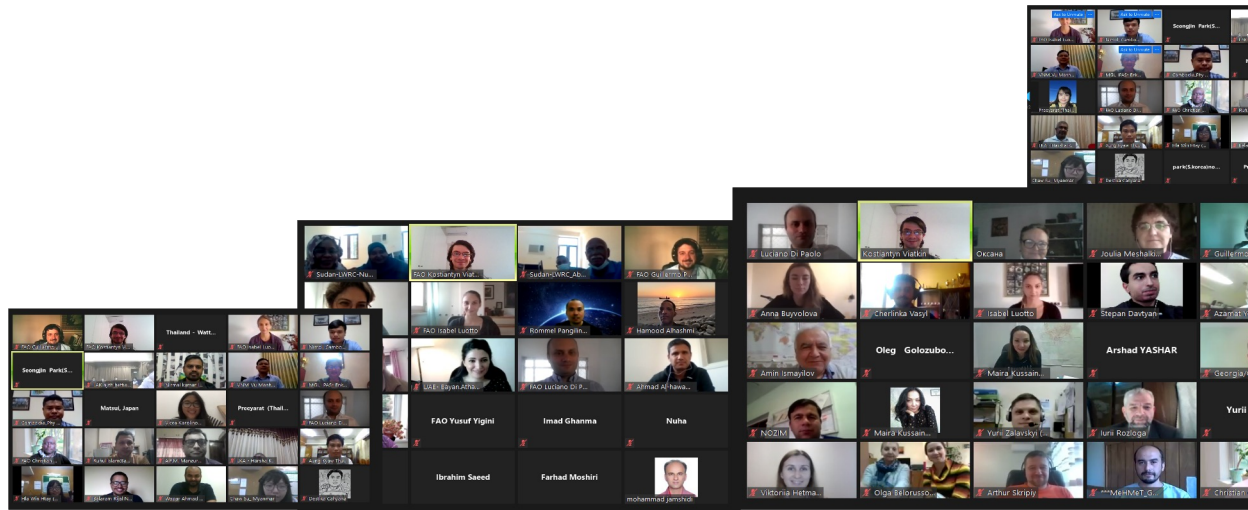




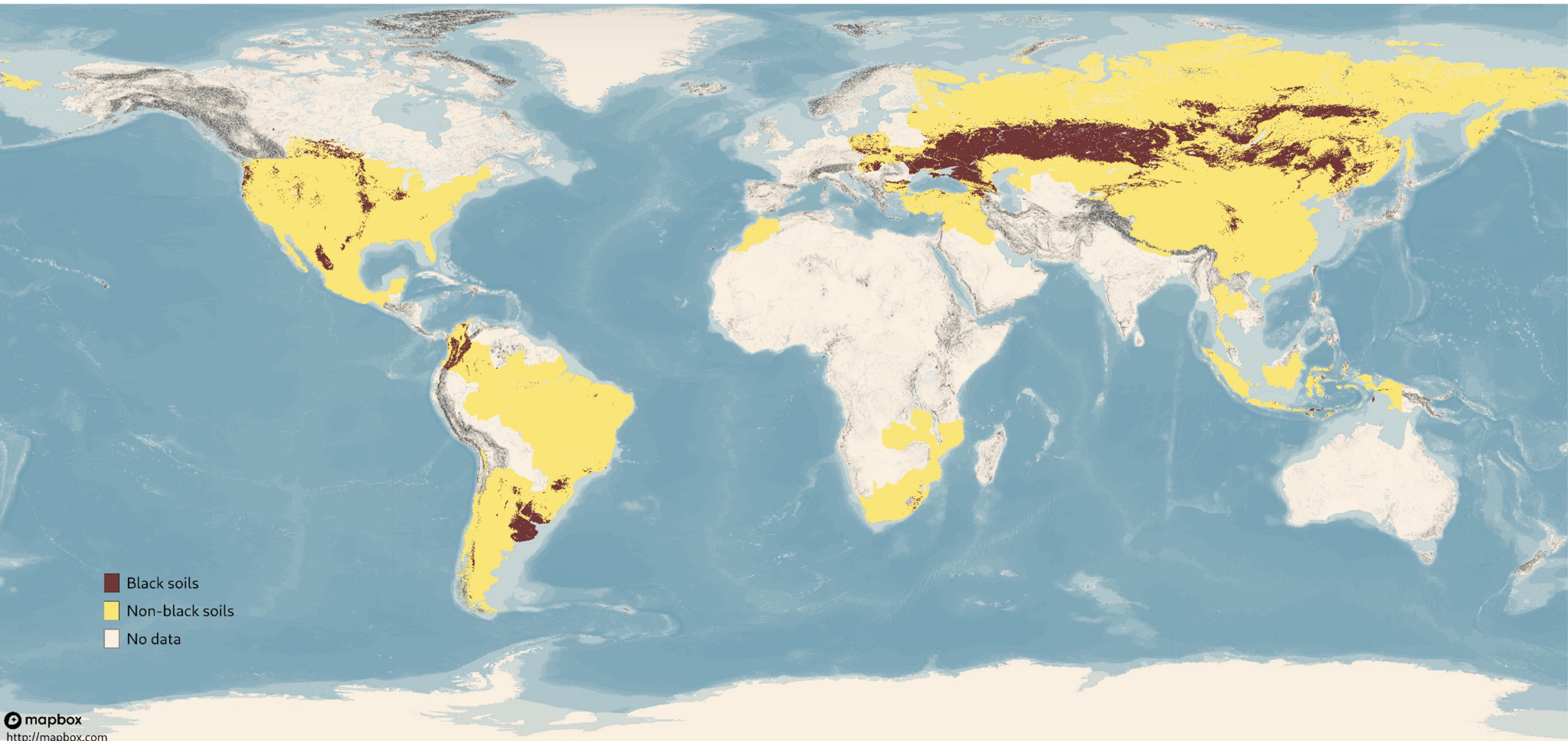
# MAPPING BLACK SOILS

## GBSmap Training INBS Countries + one-to-one support sessions

1. Argentina (probability map)
2. Brazil (probability map)
3. Bulgaria (detailed polygon maps)
4. Canada (probability map)
5. China (probability map)
6. Colombia (probability map)
7. Indonesia (detailed polygon maps)
8. Mexico (probability map)
9. Poland (probability map)
10. Russian Federation (detailed polygon maps)
11. Slovakia (detailed polygon maps)
12. Ukraine (probability map)
13. United States of America (probability map)
14. Uruguay (probability map)



# Launched Global Black Soil Map v.1.0 (INBS Members) in 2022





# ITPS Black Soil Letter

- Members of Black Soils Working Group developed the draft version;
- Reviewed by all ITPS members in the Black Soils WG and GSP secretariat;
- Collected comments from other ITPS members.



# INBS

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- INBS will closely collaborate with other networks to achieve its global goal in promoting SSM of black soils.
- Examples of collaborations are:
  - **INSII**: Developed the methodology of the Global Black Soils Distribution Map, and launched the map in May 2022. Will continue the work on the second version in 2023;
  - **Soil Doctors Programme**: Developed the black soils module, and will organize trainings on sustainable black soils management in 2023;
  - **GLOSOLAN**: Harmonizing SOP's for soil organic carbon. Lab's capacity and equipment assessment.







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# GLOBAL SOIL PARTNERSHIP

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**Thanks!**

