

GLOBAL SOIL PARTNERSHIP 10th Plenary Assembly



May 2022
VIRTUAL
MEETING

International Network of Black Soils

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Progress of the INBS

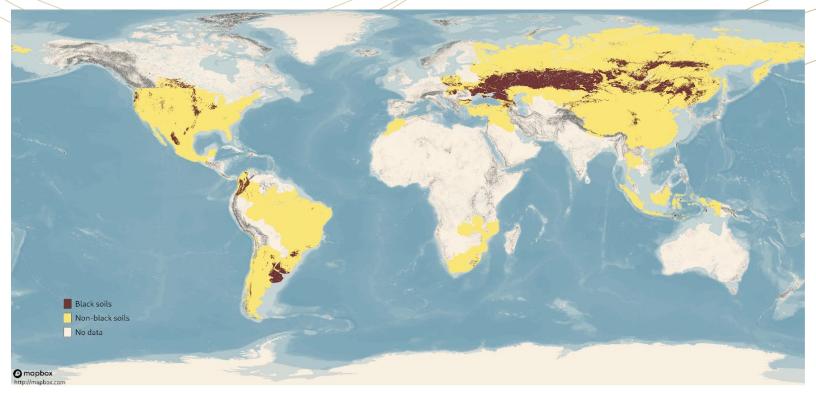
- ☐ Launched the Global Black Soil Distribution Map (GBSmap) on 23 May 2022;
- the Report on the Global Status of Black soils is under preparation and will be launched in July 2022;
- ☐ The establishment of an International Research Institution of Black Soils was agreed during the 3rd INBS workshop on 13 December 2021.







Global Black Soil Distribution Map (GBSmap)



on 0-5 5-15 15-30	Soil depth ≥ 25cm		membership map
30 - 60 60 - 100	OC ≥ 1.2% (0.6% tropics)	Profile classification (1 or 0)	
100-200	Munsell colour chroma ≤ 3 value ≤ 3 moist or value ≤ 5 dry		* 46
		Environmental	Black Soil map Tier 1
		covariates	

Top 15 black soil countries	Area km2	
Russian Federation	3,284,671	
Kazakhstan	1,076,027	
China	549,842	
Argentina	420,057	
Mongolia	386,076	
Ukraine	348,172	
United States of America	329,250	
Canada	295,402	
Colombia	251,994	
Mexico	122,386	
Brazil	89,869	
Poland	78,690	
Uruguay	74,771	
Bulgaria	69,427	
Indonesia	49,547	

GLOBAL SOIL PARTNERSHIP 10th Plenary Assembly | 23 - 25 May 2022





Report on the Global Status of Black Soils

Structure of the Black Soil Report

- 1. INTRODUCTION
- 2. GLOBAL DISTRIBUTION OF BLACK SOILS
- 3. STATUS AND CHALLENGES OF BLACK SOILS
- 4. SUSTAINABLE MANAGEMENT OF BLACK SOIL: FROM PRACTICES TO POLICES
- 5. CONCLUSION AND RECOMMENDATIONS

92 experts from 26 black soil countries are contributing to the Black Soil report



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International Research Institution of Black Soils

Establish the International Research Institution of

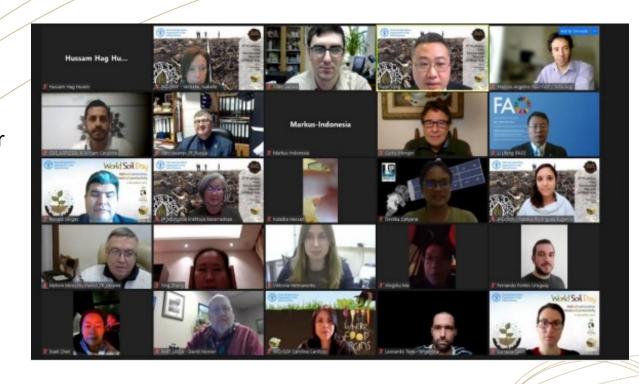
Black Soils (IRIBS)

13 December 2021

Mandate - the Institution would be established by a partner (Heilongjiang Academy of Agricultural Sciences) under the framework of the INBS.

Activities:

- Develop a black soil information system
- Organize workshops and webinars
- Build capacities for soil laboratories and monitoring stations







Actions for the Plenary Assembly

- Encourage countries with black soils (or with the potential to be included under this category according to the definition of black soils) to join the INBS.
- ☐ Support the implementation of the INBS workplan, including financial assistance.
- Encourage the preparation of a global international agreement towards the protection, conservation and sustainable management of Black Soils under the framework of the INBS and submit it to the 11th Plenary Assembly in 2023.



