



Food and Agriculture
Organization of the
United Nations

15th Working Session of the Intergovernmental Technical Panel on Soils (ITPS)

REPORT OF THE SOIL BIODIVERSITY WORKING GROUP

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INTERGOVERNMENTAL
TECHNICAL PANEL ON SOILS


15 - 17 November 2021 | Virtual meeting



Moving into implementation!!

GSOBI21




 Food and Agriculture Organization of the United Nations

Proceedings

Keep soil alive, protect soil biodiversity

GLOBAL SYMPOSIUM ON SOIL BIODIVERSITY

19-20-21-22 April 2021



 Food and Agriculture Organization of the United Nations

Outcome document

Keep soil alive, protect soil biodiversity

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Keep soil alive, protect soil biodiversity

GLOBAL SYMPOSIUM
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April 2021



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Convention on
Biological Diversity



GLOBAL
SOIL BIODIVERSITY
INITIATIVE

UNCCD
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- **Recommendation 1:** Establishment of the Global Soil Biodiversity Observatory.
- **Recommendation 2:** Development of guidelines for measuring, assessing and monitoring (MAM) soil biodiversity.
- **Recommendation 3:** Development and implementation of a capacity-building programme on soil biodiversity including national assessments, monitoring, good management practices and restoration.
- **Recommendation 4:** Development of a field manual on soil biodiversity management that addresses soil biodiversity loss/conservation.
- **Recommendation 5:** Development of a technical booklet about the main soil-borne diseases.
- **Recommendation 6:** Development of the methodology for the economic valuation of soil biodiversity.
- **Recommendation 7:** Performance of an assessment of effective policies and legal instruments to control soil biodiversity loss.

Global Soil Biodiversity Observatory (GLOSOB)



- The GLOSOB will aim to **monitor and forecast the condition of soil biodiversity and soil health** and will serve as the framework for developing policies, promoting good practices, and developing national capacities on the state-of-the-art tools and methods on soil biodiversity and soil health assessment and maintenance.



- The GLOSOB will also contribute to **strengthening knowledge on all soil biodiversity groups** (microbes, and micro, meso, macro, and megafauna) by addressing monitoring, and sustainable use, and conservation of soil biodiversity as well as the **inclusion of soil biodiversity in economic assessments and policies.**

Design/implementation of the GLOSOB

Mapping and stocktaking exercises at global level:

- Main **SB stakeholders** that have an impact at **global/regional levels**: type of institution, expertise and sector, main topics and SB groups it addresses.
- Questionnaire for soil laboratories under GLOSOLAN to understand the **indicators, metrics, methods and SOPs** that are used for **measuring, mapping, monitoring and forecasting SB**.
- Use and **applications of SB** as a nature based solution for food systems and unmanaged ecosystems.
- State of the art in **economic valuation of the ecosystem services** provided by soil biodiversity.

International Network of Soil Biodiversity (NETSOB)



- The NETSOB aims to bring soil biodiversity experts and existing initiatives together in order to become the critical mass that contributes to the implementation of the GLOSOP.
- The launch of the NETSOB will set the scene towards the establishment of the GLOSOP.

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- **Technical WG 1:** measurement, assessment and monitoring of soil biodiversity.
- **Technical WG 2:** sustainable use and management, and conservation of soil biodiversity.
- **Technical WG 3:** economics of soil biodiversity.
- **Technical WG 4:** policies and legal instruments related to soil biodiversity.

Launch of the NETSOB
“International Network on Soil Biodiversity”

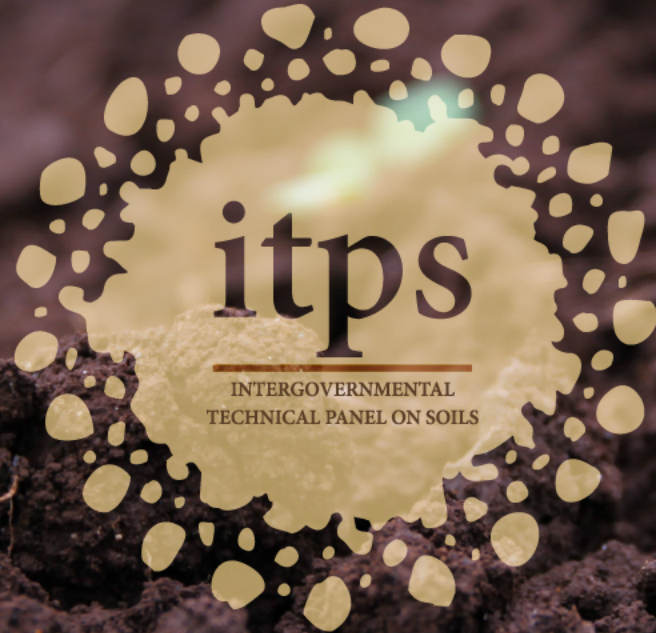
3 December 2021 (13:45 - 18:00 CEST)

Virtual format (Zoom)



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THANK YOU FOR YOUR ATTENTION!



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