Update on NETSOB and GLOSOB Activities

19th Working Session of the Intergovernmental Technical Panel on Soils (ITPS)

13-15 November 2023
Online meeting
NETSOb

- Strengthen the **knowledge** about soil biodiversity;
- Provide **critical mass** for the implementation of the **Global Soil Biodiversity Observatory (GLOSOB)**;
- Contribute to **monitoring of soil biodiversity** status and loss and develop internationally accepted **biological indicators**;
- Provide reliable evidence to support **decision-making** in at the policy level in sustainable use of soil biodiversity.
NETSOB Updates

NETSOB Membership

NETSOB 2023 Membership

Global Soil and Water Symposium

19th Working Session of the Intergovernmental Technical Panel on Soils (ITPS)
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Global Distribution of Membership

2021-2022

2023 Growth is greater in North America and Pacific Regions

Total

Europe
North America
Pacific
Asia
Latin America and Caribbean
North Africa and Near East
Africa

2023

Europe
North America
Pacific
Asia
Latin America and Caribbean
North Africa and Near East
Africa

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Working Groups in NETSOB

**How to measure soil biodiversity:** Develop guidelines for measuring, assessing and monitoring soil biodiversity

**How to manage soil biodiversity:** Compile a field manual on soil biodiversity management

**How to economically value** soil biodiversity and the soil ecosystem services provided by soil biodiversity

**How to develop effective policies** and legal instruments to protect soil biodiversity

**No specific WG** has been selected
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<th>2023</th>
<th>2024.1</th>
<th>2024.2</th>
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<tbody>
<tr>
<td>Present Survey Results</td>
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<td>Publish Survey Results</td>
<td>Publish Literature Review</td>
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<td>Determine Critical Bioindicators</td>
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<td>Develop SOPs for Critical Bioindicators</td>
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<td>Submission of Case Studies</td>
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<td>Publish Case Studies</td>
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<td>Submission of Chapters</td>
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<td>White paper draft</td>
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GLOSOB:

Assess, Monitor and Forecast status of Global Soil Biodiversity

WHAT

- Standardized Bioindicators
- Best Practices for Conserving Biodiversity
- National Coordination and Capacity
- Global Database

HOW

Countries Adopt Standards and Begin Monitoring Initiative

MISSION

Best Information for Decision-Makers

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How does GLOSOB work?

Define essential biodiversity measurements
  • Limited membership
  • Moderate membership
  • Full membership

Assess national capacities & infrastructure
  • Determine membership level

Build national capacities & infrastructure (if needed)
  • Training program
  • Acquire equipment

Choose sites for monitoring
  • Hotspots
  • Land uses & intensity gradient
  • Local agreements/permits

Secure funding for work

Begin monitoring program
  • Data processing, storage, sharing
  • Incorporate measurements into national surveys

Increase national capacities & infrastructure
  • Advance capacity to next membership level

Establish/strengthen National Monitoring Systems

Build GLOSOB database
  • Follow GSP data sharing policy

Report back to CBD, member parties & policy makers
NEXT STEPS:

Implementation of the **Montreal 2022 Plan of Action** for the International Initiative for the Conservation and Sustainable Use of Soil Biodiversity.

Support the **GLOSOB implementation** through development of tools, manuals, and standardized procedures.

Development and implementation of soil biodiversity SOPs with Global Soils Laboratory Network (GLOSOLAN)

Inclusion of soil biodiversity loss prevention and management in the **Global Soil Doctors** programme.

Promote the inclusion of **new members** to the 3 technical working groups of NETSOB.

**Resource** mobilization.
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