



Food and Agriculture
Organization of the
United Nations

Working Group Meetings **International Network on Soil Biodiversity** NETSOB

7-10 February 2022 | 14:00 hrs CET

ROSA CUEVAS CORONA

GSP SECRETARIAT

NETSOB STRUCTURE





Food and Agriculture
Organization of the
United Nations

Launch of the **International Network on Soil Biodiversity**

in the framework of the
Global Soil Biodiversity Observatory

3rd December 2021 | 🕒 14:00 CET
Online meeting




- **800 participants from around the world.**
- **Launch the network**
- **Define its working groups and governance,**
- **Analyze the roadmap and key activities, further strengthening and improving the knowledge on soil biodiversity at all levels.**

in the framework of the Global Soil Biodiversity Observatory | 3rd December 2021



Addressing challenges and gaps!



Lack of data/information on soil biodiversity at local, national, regional and global levels (not included in soil surveys).

Few countries that maintain a national soil information system/monitoring that includes soil biodiversity.

Unavailable global harmonized sampling, measurements and analysis protocols.

Strengthen all groups (i.e., microbes and micro, meso, macro and mega soil fauna) with data and information.

Recognition of Soil biodiversity in the 2030 and Post 2020 Biodiversity Agenda.

Weak capacity development in the adoption of molecular tools and emerging novel technologies to contribute to human, plant and soil health.

Ecosystem restoration does not include soil health and soil biodiversity considerations.

Microbiome investigations for environmental management are still novel and highly experimental, yet they underline the need for conservation of entire soil biotic communities.

Need to invest on research for soil borne diseases and scale up soil biodiversity responses for the Agricultural sector.

Need to scale up bioremediation to address soil pollution.

Further work is needed in terms of soil biodiversity and human health.

GLOBAL
SOIL BIODIVERSITY
ATLAS

STATE of KNOWLEDGE
of SOIL BIODIVERSITY

Keep soil alive,
protect soil
biodiversity

Outcome
document

GLOBAL SYMPOSIUM
ON SOIL BIODIVERSITY
19-20-21-22
April 2021

y | 3rd Dec



- The NETSOB aims to **bring soil biodiversity experts and existing initiatives together** in order to become the human talent that contributes to the implementation of the GLOSOB.

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.

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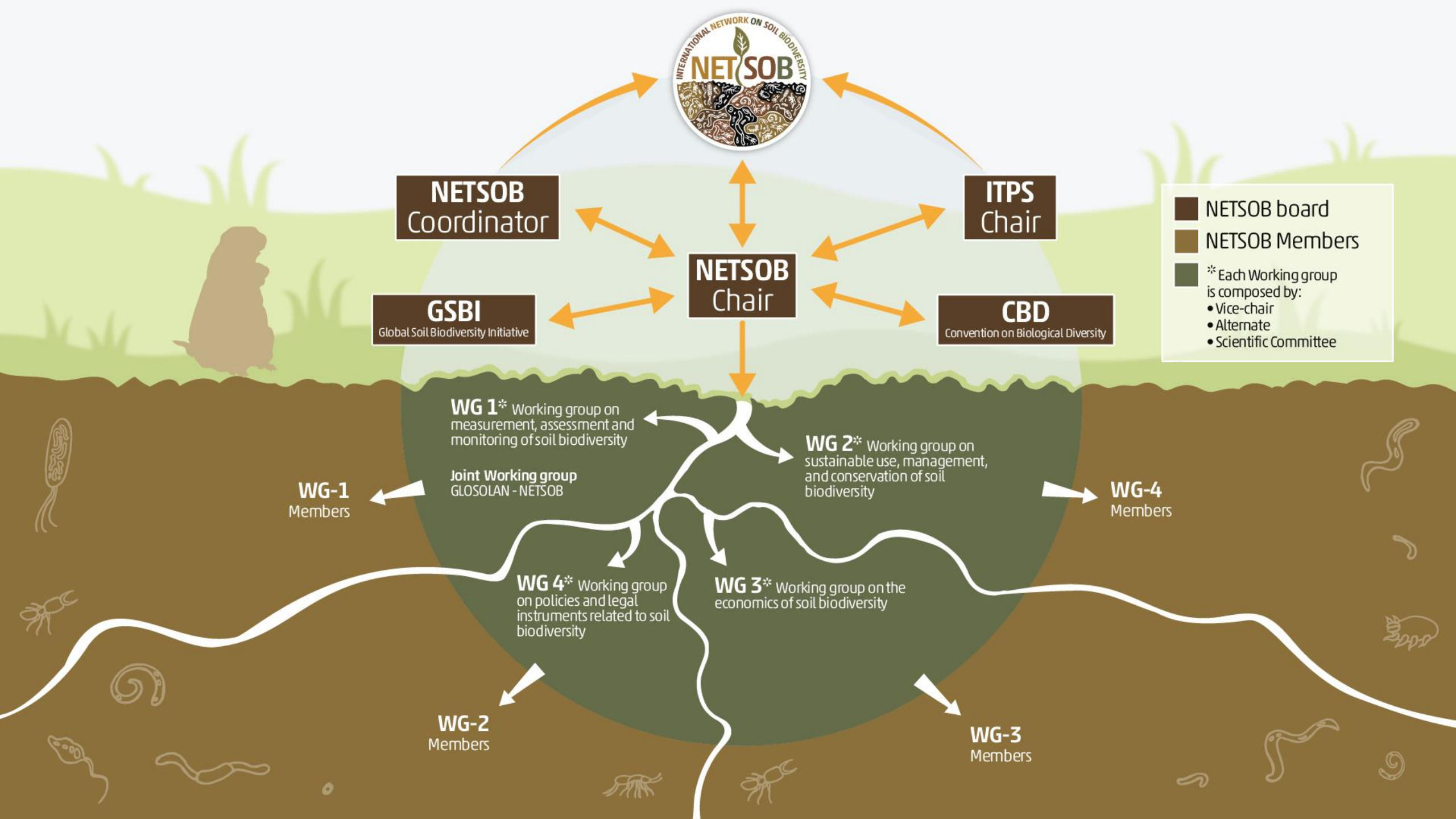
The overall goal of NETSOB was to promote the sustainable use and conservation of soil biodiversity

- providing the **human talent** for the implementation/coordination of **GLOSOB**;
- providing **reliable evidence to support better decision-making**, both in the field and at the policy level in the sustainable use and conservation of soil biodiversity;
- **strengthening the knowledge** about soil biodiversity;
- contributing to the development of **internationally-accepted biological indicators**;
- contributing to the **monitoring of soil biodiversity status and loss**;
- contributing to promoting actions to **increase the sustainable use of soil biodiversity and overall soil health**;
- contributing to the **adoption of good practices that would enhance availability and safety of food**; and
- identifying knowledge gaps and foster **investment and cooperation in soil biodiversity research**.



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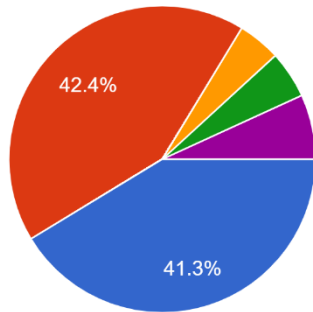






NETSOB registration form

Primary Preference
864 responses



- GW-1 on measurement, assessment and monitoring of soil biodiversity
- GW-2 on sustainable use, management, and conservation of soil biodiversity
- GW-3 on the economics of soil biodiversity
- GW-4 on policies and legal instruments related to soil biodiversity
- I only wish to receive the news and updates from NETSOB

Online survey

Personal information

Primary Preference

- Define priorities on WGs
- Define priorities in each WG (1-4)
- Suggest complementary activities

Secondary Preference

864 responses

<https://forms.gle/BUXxYRiDm4C5RBRf7>



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