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.



GLOBAL SOIL PARTNERSHIP

# 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.

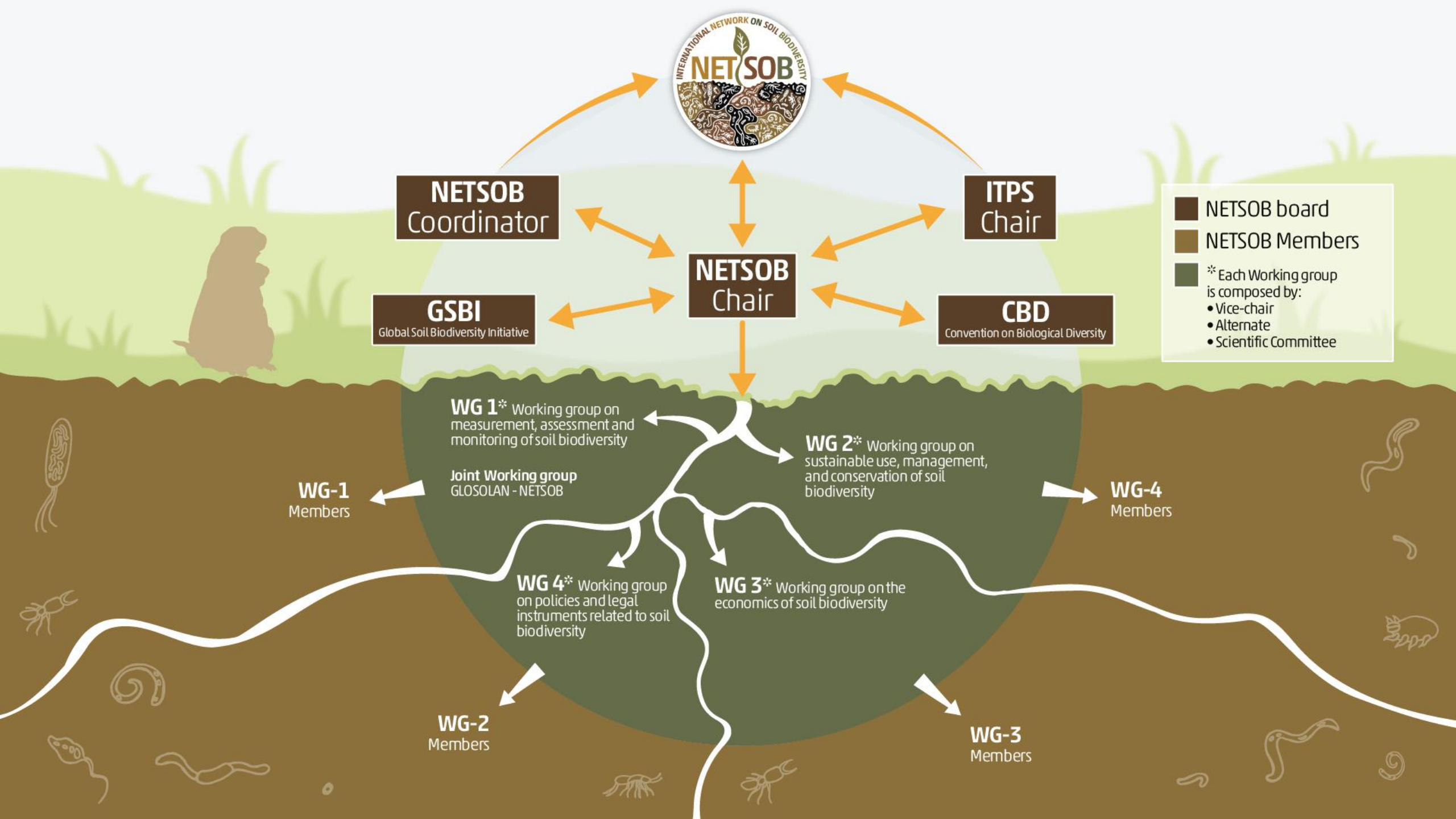
- The NETSOB aims to **bring soil biodiversity experts and existing initiatives together** in order to become the human talent that contributes to the implementation of the GLOSOB.

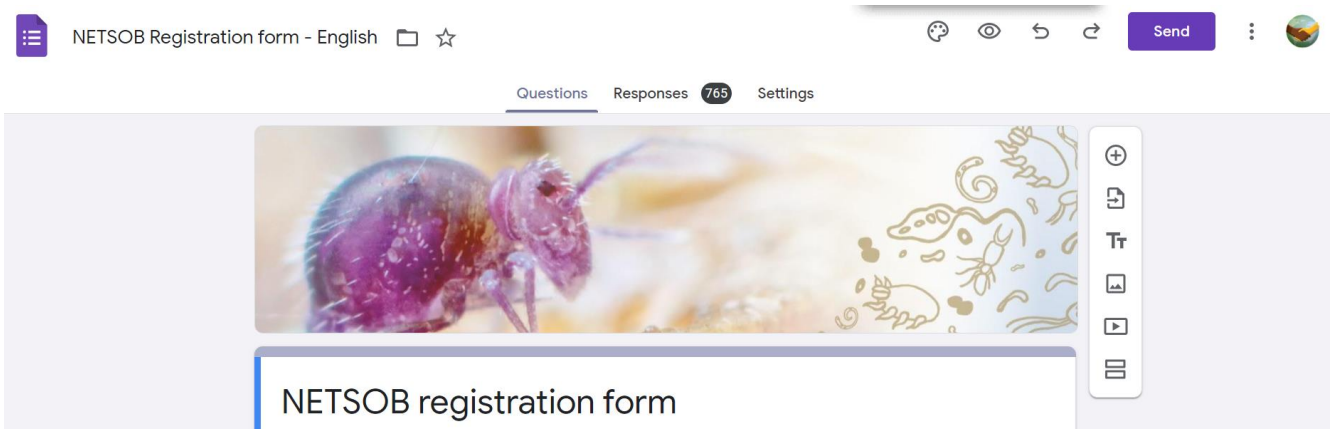
**Global Soil Biodiversity Observatory (GLOSOB)**

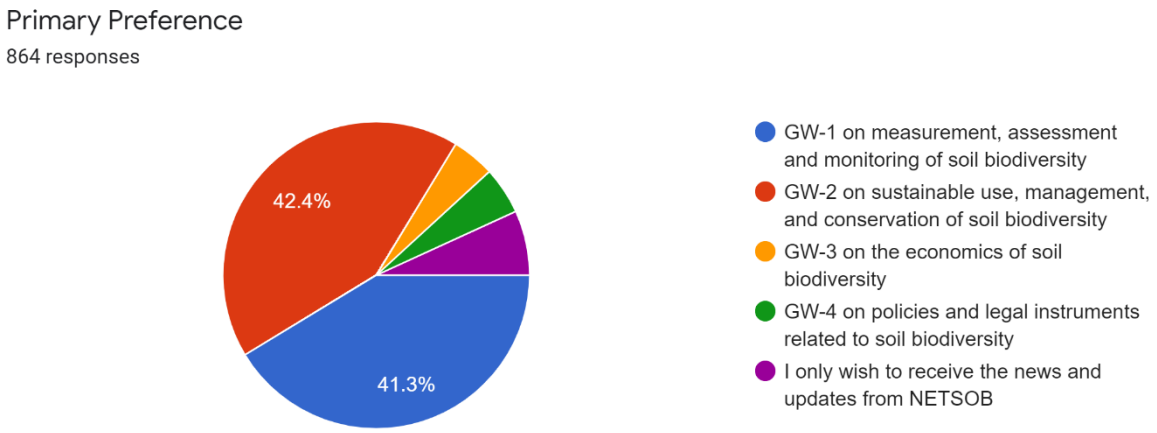
- The GLOSOB will aim to **monitor and forecast the condition of soil biodiversity and soil health and will serve as the framework for developing policies, promoting good practices, and developing national capacities** on the state-of-the-art tools and methods on soil biodiversity and soil health assessment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

# 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.**


INTERNATIONAL NETWORK ON SOIL BIODIVERSITY
NETSOB
NETSOB Coordinator
ITPS Chair
NETSOB Chair
GSBI
Global Soil Biodiversity Initiative
CBD
Convention on Biological Diversity
NETSOB board
NETSOB Members
* Each Working group is composed by:
• Vice-chair
• Alternate
• Scientific Committee
WG 1* Working group on measurement, assessment and monitoring of soil biodiversity
Joint Working group
GLOSOLAN - NETSOB
WG-1
Members
WG 2* Working group on sustainable use, management, and conservation of soil biodiversity
WG-4
Members
WG 4* Working group on policies and legal instruments related to soil biodiversity
WG 3* Working group on the economics of soil biodiversity
WG-2
Members
WG-3
Members




## 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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