



Food and Agriculture
Organization of the
United Nations

LAUNCH OF THE INTERNATIONAL NETWORK ON SOIL POLLUTION (INSOP)

22 APRIL 2022

12:00 to 13:30 CEST

VIRTUAL FORMAT (ZOOM)



Cooperation between INSOP and the International Network on Soil Biodiversity (NETSOB)

Rosalina Gonzalez, La Salle
University

Rosa Cuevas, GSP Secretariat





Food and Agriculture
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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



RESULTS

- 800 participants from around the world.
- Launch the network and define the 4 working groups (WGs).
- Define key activities (Outcome Document recommendation).
- Election of the Vice-chairs.

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NETSOB Objectives

- Provides the **critical mass** for the implementation/coordination of the **global soil biodiversity observatory (GLOSOB)**;
- Provides **reliable evidence to support better decision-making** both in the field and at the policy level in sustainable use and conservation of soil biodiversity;
- **Strengthens the knowledge** about soil biodiversity;
- Contributes to the development of **internationally accepted biological indicators**;
- Contributes to the **monitoring of soil biodiversity status and loss**;
- Contributes to promoting actions to **increase the sustainable use of soil biodiversity and overall soil health**;
- Contributes to the **adoption of good practices that enhance availability and safety of food**;
- Identifies knowledge gaps and fosters **investment and cooperation in soil biodiversity research**.

Technical working groups



- **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.

Joint working group on soil biological analysis GLOSOLAN/NETSOB

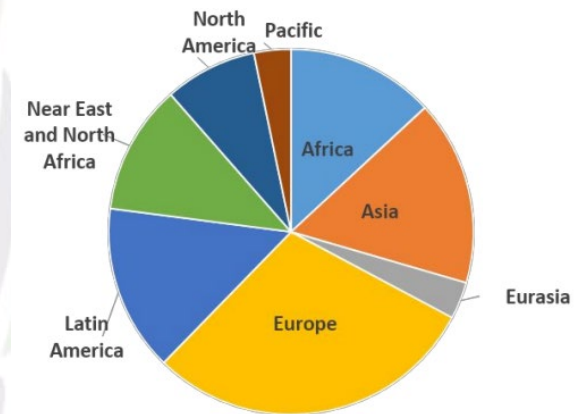
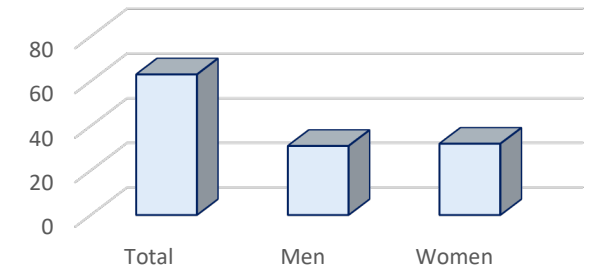
Mission

- Decide which SOPs to harmonize;
- Lead the harmonization process for such SOPs;
- Build the capacity of soil laboratories on soil biological analysis;
- Raise the awareness of the importance of the determination of soil biological parameters.



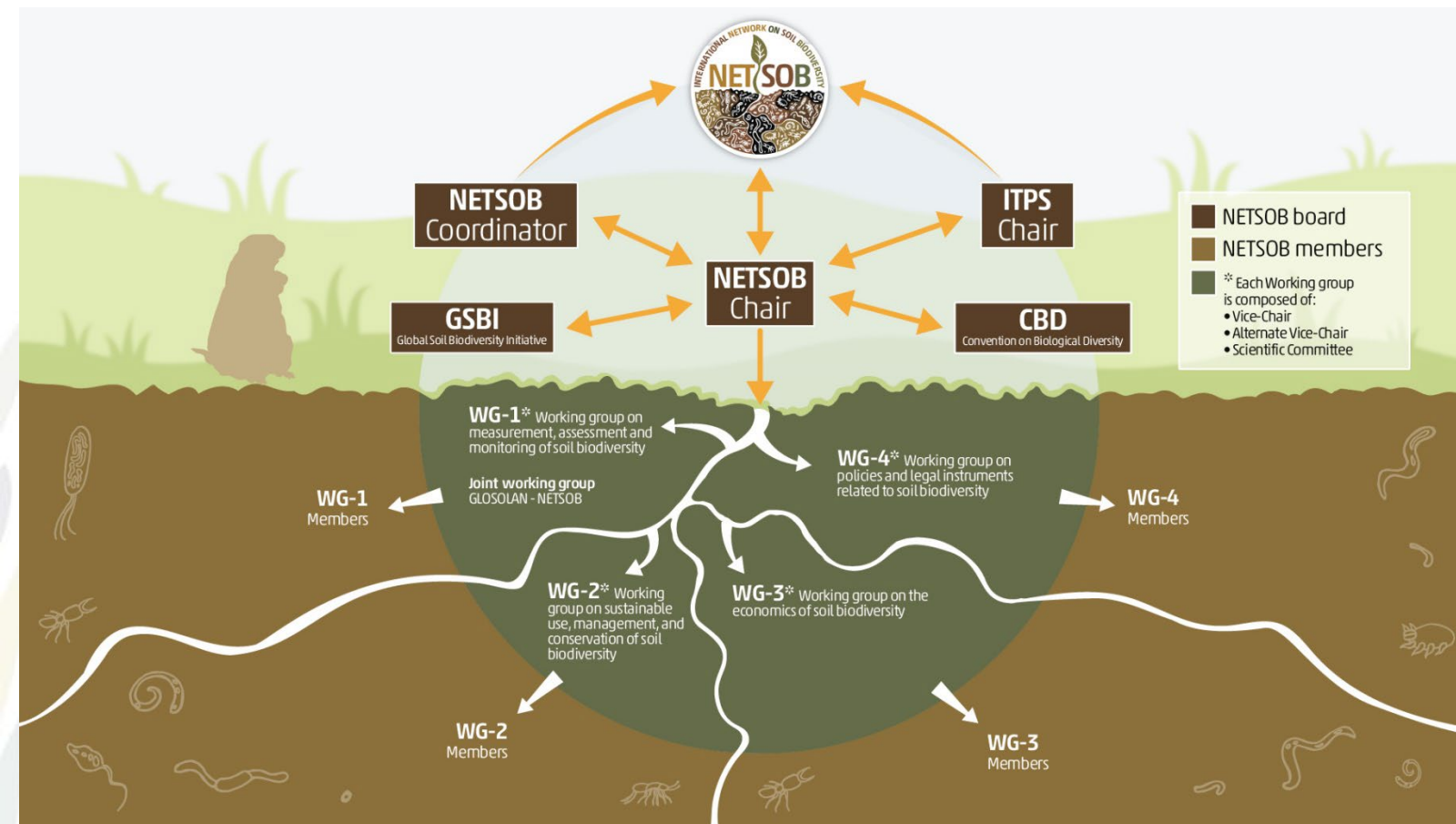
Composition of the JGW

NETSOB/GLOSOLAN JWGW



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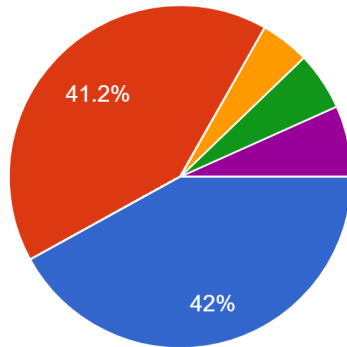
The NETSOB board comprised of:

- a Chair: **Peter de Ruiter**, Wageningen University, The Netherlands;
- a coordinator: **Rosa Cuevas**, FAO's GSP Secretariat, Italy;
- a WG-1 Vice-Chair: **George Brown**, Embrapa, Brazil;
- a WG-1 Vice-Chair alternate: **Carlos Guerra**, SoilBON, Germany;
- a WG-2 Vice-Chair: **Zoë Lindo**, Western University; Canada;
- a WG-2 Vice-Chair alternate: **Jeff Battigelli**, University of Alberta, Canada;
- a WG-3 Vice-Chair: **Gian Luca Bagnara**, Agribusiness consulting and economics of territory, Italy;
- a WG-3 Vice-Chair alternate: **Giulio Malorgio**; Italy;
- a WG-4 Vice-Chair: **Rosalinda Gonzalez**; La Salle University, Colombia;
- a WG-4 Vice-Chair alternate: **Luca Montanarella**; JRC, EC; Italy;
- a special advisor: **Diana Wall**, GSB, United States of America; and
- an observer: **Rosa Poch**, ITPS Chair, Spain.



NETSOB registration form

Primary Preference
910 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

As for today...

910 NETSOB members from around the world

<https://forms.gle/LhSsvwdqjoxcmacVA>

Key activities to be developed by each working group



- **Recommendation 2:** Development of guidelines for measuring, assessing and monitoring (MAM) soil biodiversity. **WG-1**
- **Recommendation 4:** Development of a field manual on soil biodiversity management that addresses soil biodiversity loss/conservation. **WG-2**
- **Recommendation 6:** Development of the methodology for the economic valuation of soil biodiversity. **WG-3**
- **Recommendation 7:** Performance of an assessment of effective policies and legal instruments to control soil biodiversity loss. **WG-3**

Possible synergies with INSOP!

Establish a Joint working group INSOP/NETSOB

Potential initial activities:

- Include soil organisms in risk assessment approaches/ecotoxicological studies.
- Online database on best available techniques for managing and remedying polluted soils – including nature-based solutions.
- Develop national capacities and strengthen technology transfer for the sustainable remediation and management of polluted soils.



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Thank you!

