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

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RESULTS

- 800 participants from around the world.
- Launch the network and define the 4 working groups (WG.s).
- Define key activities (Outcome Document recommendation).
- Election of the Vice-chairs.
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
GLOSSOLAN/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.
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, GSBI, United States of America; and
- an observer: Rosa Poch, ITPS Chair, Spain.
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**
Establish a Joint working group INSOP/NETSOB

Possible synergies with INSOP!

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.
Thank you!