



Food and Agriculture Organization
of the United Nations

REPORT OF THE FOURTH ANNUAL MEETING OF THE INTERNATIONAL NETWORK ON SOIL BIODIVERSITY (NETSOB)

26–27 February 2025 (virtual format)

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

Rome, 2025

REPORT OF THE FOURTH ANNUAL MEETING OF THE INTERNATIONAL
NETWORK ON SOIL BIODIVERSITY (NETSOB)

26–27 February 2025 (virtual format)

The designations employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of the Food and Agriculture Organization of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

Contents

1	Introduction	4
1.1.	Recap on the NETSOB mission and importance of soil biodiversity	4
1.2.	Priorities of NETSOB and contribution to the Global Biodiversity Framework	4
2.	Soil biodiversity initiatives and actions by partners	5
3.	Report on the work performed by NETSOB in 2024	5
3.1.	Recap on the NETSOB structure and recent updates	5
3.2.	Working- group updates	9
3.3.	NETSOB Vice- Chairs election	10
4.	NETSOB objectives and work plan 2025–2027	10
4.1.	Working group- 1 (WG- 1)	11
4.2.	Working group- 2 (WG- 2)	11
4.3.	Working group- 3 (WG- 3)	12
5.	Closing of session	12
6.	References	13
	Appendix	14

1 Introduction

The Fourth Annual Meeting of the International Network on Soil Biodiversity (NETSOB) was organized virtually using the Zoom Video Communications® platform. The meeting lasted two hours per day from 26 to 27 of February 2025 (see the agenda in the Appendix) and was attended by 182 participants from 66 countries, where 50 percent of individuals identified as female, 49 percent as males, and 1 percent either non-binary or preferred not to disclose (see list of participants in the Appendix). In total, 544 individuals registered to the meeting. The meeting was opened by Nora Berrahmouni, NSL Deputy-Director and Thorunn Wolfram Petursdottir, Secretary of the Global Soil Partnership (GSP). They emphasized the significance of understanding the distribution and functional roles of soil biodiversity and the importance of providing information to help develop policy on restoring and protecting soil health across countries and regions. Nora Berrahmouni invited NETSOB members and experts to help developing the Global Soil Biodiversity Observatory (GLOSOB), as committed at the Fifteenth Convention on Biological Diversity's Convention of the Parties (CBD-COP15).

1.1. Recap on the NETSOB mission and importance of soil biodiversity

Brajesh Singh, Chair of NETSOB, presented to members the role of soil biodiversity for soil, plant and human health. He highlighted that soils are the most biodiverse ecosystems on earth, and that soil biodiversity must be considered to prioritise areas for conservation and protection, as they drive multiple ecosystem function across different biomes, being therefore of ultimate importance to our lives. He brought evidence that soil biodiversity reduces human pathogens, microbial resistance and disease incidence, but that it is still rarely part of conservation policy discussions. His vision for NETSOB is to continue to mainstream soil biodiversity in the international agenda, especially through the Global Soil Biodiversity Observatory (GLOSOB).

1.2. Priorities of NETSOB and contribution to the Global Biodiversity Framework

Carlos Barreto, coordinator of NETSOB at the GSP Secretariat, presented about how NETSOB is contributing to the implementation of the Plan of Action for the International Initiative for the Conservation and Sustainable Use of Soil Biodiversity (IICSUSB) (2020–2030) to conserve soil biodiversity through 49 activities. He highlighted that the plan is structured around four major areas:

1. policy coherence and mainstreaming;
2. encouraging the use of sustainable soil management practices;
3. awareness-raising, sharing of knowledge, technology transfer and capacity-building and development; and
4. research, monitoring and assessment.

Barreto discussed the three technical working groups of NETSOB and how each group is responsible for tackling many of the activities from the long list introduced in CBD/COP/DEC/15/28. He concluded by presenting the context for the creation of GLOSOB, as well as its goals, mission and four implementation phases.

2. Soil biodiversity initiatives and actions by partners

Four speakers were hosted by NETSOB to present the work of other soil biodiversity initiatives and actions. Monica Farfan spoke on behalf of the Soil Biodiversity Observatory Network (SoilBON), a network aiming to integrate data collected by partners worldwide in order to protect and restore soil health, and Soils for Europe (SOLO), an initiative that provides a framework for soil monitoring in Europe aiming to ensure soils remain resilient and productive. Leigh Ann Winowiecki presented on the Coalition of Action for Soil Health (CA4SH), a global initiative focused on improving soil health to improve food security, climate resilience and biodiversity that aims to integrate soil health into global agendas, ensuring long-term agricultural productivity and ecosystem sustainability. Paolo di Lonardo introduced NETSOB members to the Soil Health Benchmarks, a project designed to establish measurable indicators for assessing and improving soil health across different agricultural and natural systems in Europe that aims to provide farmers, researchers and policymakers with data-driven benchmarks that guide sustainable land management practices. Lastly, Zoë Lindo advertised the Global Soil Biodiversity Conference they are co-chairing which will take place in Canada in April 2026. This is the most on-topic conference worldwide for soil biodiversity enthusiasts to attend.

3. Report on the work performed by NETSOB in 2024

3.1. Recap on the NETSOB structure and recent updates

Carlos Barreto presented the current structure of NETSOB seen in Figure 1, which also displays the three technical working groups (WGs):

- WG- 1 on measurement, assessment and monitoring of soil biodiversity;
- WG- 2 on sustainable use, management and conservation of soil biodiversity; and
- WG- 3 on economics and policies related to soil biodiversity.

Barreto reminded members that the current composition of the NETSOB board will soon change as new Vice- Chairs were elected (see page 10). For now, NETSOB is composed of:

- Chair: Brajesh Singh, Western Sydney University, Australia;
- Coordinator: Carlos Barreto, FAO's GSP Secretariat, Italy;
- WG- 1 Vice- Chair: George Brown, Embrapa, Brazil;
- WG- 1 Vice- Chair alternate: Carlos Guerra, University of Coimbra, Portugal;

- WG- 2 Vice- Chair: Zoë Lindo, Western University, Canada;
- WG- 2 Vice- Chair alternate: Jeff Battigelli, Northern Alberta Institute of Technology, Canada;
- WG- 3 Vice- Chair: Gian Luca Bagnara, Agribusiness Consulting and Economics of Territory, Italy;
- WG- 3 Vice- Chair: Rosalina Gonzalez, La Salle University, Colombia;
- WG- 3 Vice- Chair alternate: Giulio Malorgio, University of Bologna, Italy;
- WG- 3 Vice- Chair alternate: Luca Montanarella, Joint Research Centre (JRC), European Commission, Italy;
- Special advisor: Leena Vilonen, Global Soil Biodiversity Initiative (GSBI), United States of America;
- Intergovernmental Technical Panel on Soils (ITPS) observer: Georges Martial Ndzana, ITPS, Cameroon; and
- Convention on Biological Diversity (CBD) observer: Monica Kobayashi, CBD, Canada.

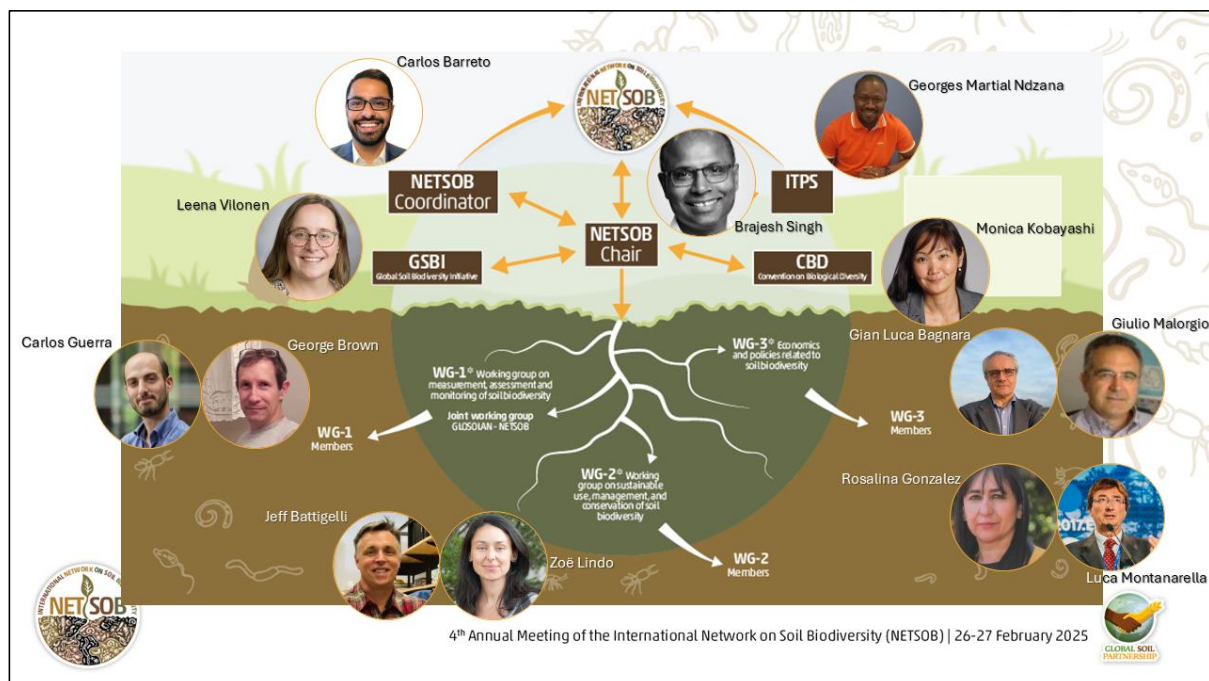


Figure 1. Diagram of NETSOB current structure of each working group with Vice- Chairs, alternates and observers

The network is currently composed of 1 150 members from 140 countries, with Europe and Asia having most members (Figure 2). Barreto reminded attendees that the technical WG assignment is self-picked by members at the time of enrolment, and that the vast majority of members are interested in WG- 1 and WG- 2, but there is a need of more members in WG- 3 to work on the economics and policies of soil biodiversity.

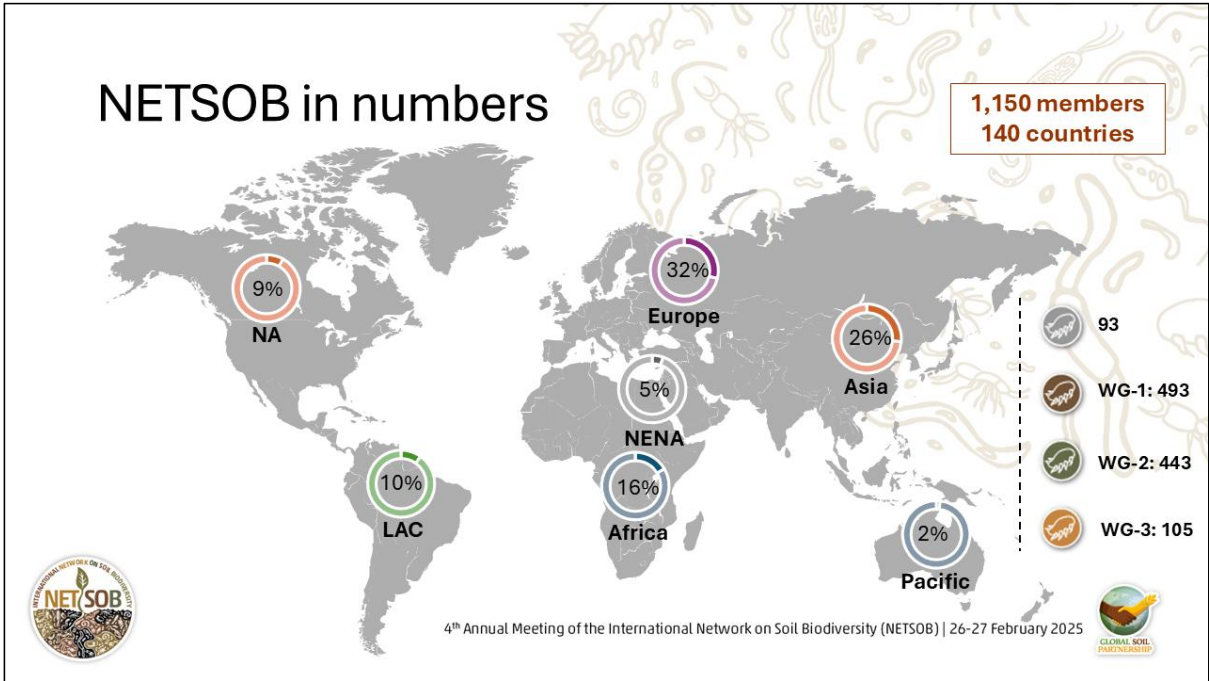


Figure 2. Map with NETSOB presence and number of members per working group

The network works with other GSP networks, for instance:

- The Global Soil Laboratory Network ([GLOSOLAN](#)): The network harmonizes SOPs for soil biodiversity measurements and perform assessments of laboratory capacity and equipment necessary for soil biodiversity as well as assessing other soil biological parameters.
- [Global Soil Doctors Programme](#): The programme offers training and support on soil biodiversity visual assessments and sustainable soil management for farmers.

Barreto provided updates on the progress of ongoing activities and efforts towards their completion.

Table 1 shows the continuing network activities. He also presented updates on GLOSOB, as seen in Table 2.

Table 1. NETSOB ongoing and completed activities

Activity	Current stage
Board meetings	Meeting occurrences: 21 October 2024, 4 December 2024 and 29 January 2025.
NETSOB new coordinator – Carlos Barreto	Since September 2024.

Vice- Chair elections	17–19 February 2025, results announced on 27 February 2025.
Annual meeting	26–27 February 2025.
NETSOB news (newsletter).	Sent once a month since December 2024.
WG- 3 white paper: International soil biodiversity policy framework and valuation of ecosystem services.	Feedback received from WG- 3 members. Vice- Chair responsible for addressing comments.
Soil Biodiversity & One Health manuscript.	FAO agreement reached, waiting on feedback from the focal points of the other Quadripartite organizations.
One Earth Q&A about Soil Health and Soil Biodiversity.	Published 20 December 2024.
Update NETSOB webpage.	Timely changes made, progress is ongoing.
WG- 2 survey on best practices on soil biodiversity conservation.	Results presented at the Annual Meeting (being worked on to be published). Survey is still open for new submissions.

Table 2. GLOSOB updates

Activity	Current stage
Design of GLOSOB (accepted in GSP Plenary Assembly).	June 2024.
LoA for pilot GLOSOB in RECSOIL projects (Costa Rica, Ghana and Uzbekistan).	To be signed.
In- person training for RECSOIL countries in Coimbra, Portugal.	Scheduled for May 2025.
Nature Ecology and Evolution Policy commentary article on need and implementation of GLOSOB.	Revision stage.
Standard operating practices (SOPs) on soil biodiversity measurements with GLOSOLAN.	Enzymes, biomass and respiration (tier 1).
GEF funding concept note.	To be sent to focal points in member countries.
Launch GLOSOB webpage.	In progress.

3.2. Working-group updates

George Brown and Carlos Guerra presented updates on WG-1. They have designed a guidebook on methods, supported GLOSOLAN activities, assessed global capacity to perform monotiling, mapping and assessment of soil biodiversity, and proposed tiers for the adoption of GLOSOB.

Additionally, Brown led a special issue in the journal *Soil Organisms* to provide a knowledge foundation for the establishment of GLOSOB. The special issue, Highlights from the International Network on Soil Biodiversity, covers pivotal advancements in soil biodiversity research, and provides insights into its ecological, economic and policy dimensions. Specifically, this special issue includes:

- notes on knowledge of soil biodiversity worldwide (Brown *et al.*, 2025a);
- bibliometric analyses on ecosystem services provided by soil biodiversity and soil microbial diversity (da Conceição Jesus *et al.*, 2025; Parron *et al.*, 2025);
- updates on the state of global micro-, meso- macro- and megafauna biodiversity (Correia *et al.* 2025; Niva *et al.*, 2025);
- potential threats to soil biodiversity (Lindo *et al.*, 2025); and
- information on GLOSOB (Brown *et al.*, 2025b ; Parnell *et al.*, 2025).

Zoë Lindo and Jeff Battigelli presented updates on WG-2. They presented preliminary results of a survey, Best Practices to Conserve Soil Biodiversity, previously sent to all members and posted on social media. To date, the survey:

- identified 33 potential best practices;
- launched a questionnaire to examine use of these 33 best practices;
- launched a call for case study contributions; and
- received 32 case study contributions.

Working group-2 will work towards publishing the study cases in an FAO publication once the survey closes in April 2025.

Lindo also presented their review article of interconnected threats to soil biodiversity (the threat-work; Lindo *et al.*, 2025) to attendees. This article is part of the special issue mentioned previously.

Updates from WG-3 were presented by Gian Luca Bagnara and Rosalina Gonzalez. They presented the white paper on the international soil biodiversity policy framework and valuation of ecosystem services, currently being revised.

3.3. NETSOB Vice- Chairs election

Members of NETSOB were invited to nominate themselves or others through email in January 2025. Ten of the 11 nominations received were valid as they matched the selection criteria and terms of reference (ToRs). Members were invited to vote online (three days allowed for voting) for one name for each WG to become their Vice- Chairs. The results of the elections were announced during the meeting and are detailed in Figure 3, with César Marín (Santo Tomas University, Chile) leading WG- 1, Jeff Battigelli (Northern Alberta Institute of Technology, Canada) leading WG- 2 and Gian Luca Bagnara (Agribusiness Consulting and Economics of Territory, Italy) returning as Vice- Chair of WG- 3.

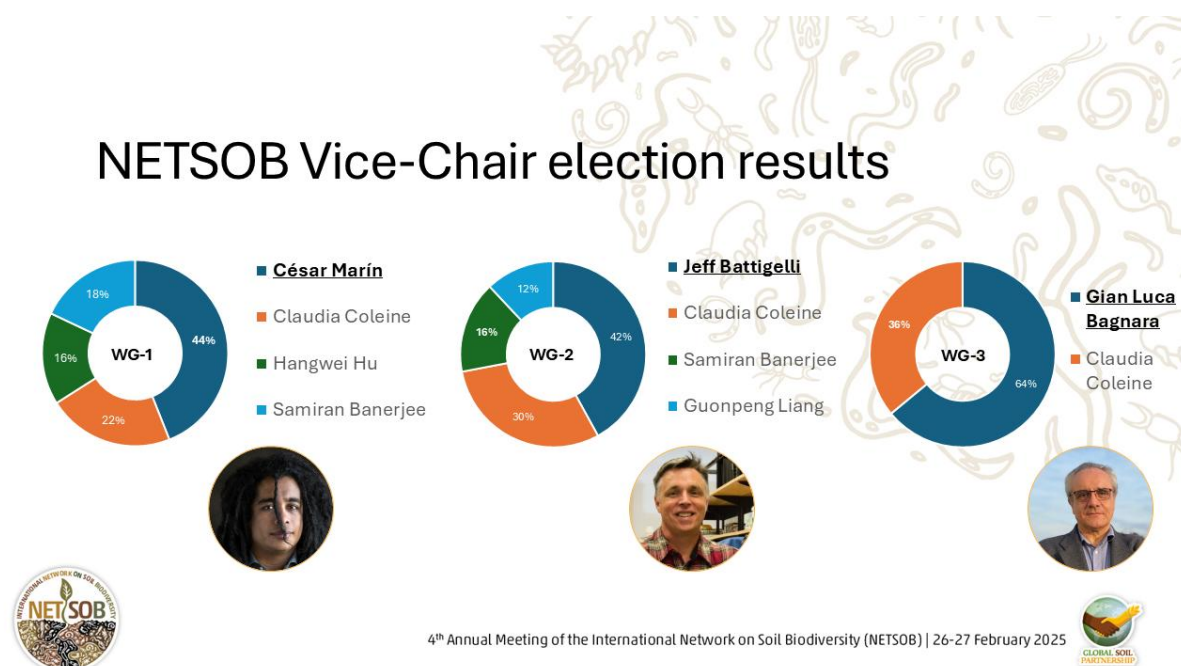


Figure 3 – Election results for NETSOB Vice- Chairs

4. NETSOB objectives and work plan 2025–2027

Singh's vision for moving NETSOB forward included:

- developing baseline soil biodiversity data for monitoring;
- data storage and sharing in policy- relevant formats and at scales;
- engagement and literacy for awareness;
- resourcing and investment; and
- strengthening policy frameworks.

Network members also recommended that the network considered the following topics moving forward:

- soil biodiversity from urban soil ecosystems in addition to agricultural settings;

- nematodes as bioindicators of soil health;
- the Tropical Soil Biology and Fertility Programme, validated by the International Organization for Standardization (ISO/TSBF) method as global indicators of soil invertebrate communities (Hurtado *et al.*, 2024);
- laboratories in GLOSOLAN to assess their soil biological analysis capacity;
- the EcoFINDERS project as an example of coarser levels of identification working well in assessing soil biodiversity composition;
- innovation towards farmer user- friendly soil biodiversity apps;
- focusing on environmental education, possibly through the Global Soil Doctors Programme;
- using the results of the WG- 2 survey on best practices to revise FAO's Voluntary Guidelines for Sustainable Soil Management;
- strengthening the cooperation between NETSOB and other GSP technical networks;
- presenting results of WG- 2 to non- soil biodiversity people;
- working on policies other than economic (such as regulatory and information- based policies related to soil biodiversity) but keeping in mind that putting emphasis on top- down legislation will not create much impact; and
- investing in soil biodiversity teaching opportunities for children.

4.1. Working group- 1 (WG- 1)

George Brown and Cesar Marin (newly-elected Vice-Chair) contributed their ideas for moving NETSOB forward, which include:

- mobilize investment towards soil biodiversity (implementation plan of the International Initiative for the Conservation and Sustainable Use of Soil Biodiversity and GLOSOLAN);
- capacity needs assessment in soil biodiversity and national soil information and monitoring systems;
- awareness raising and advocacy to generate country commitments;
- begin NETSOB implementation of activities of the International Initiative for Soil Biodiversity and of GLOSOLAN;
- development of SOPs, harmonized protocols and guidelines;
- prepare training material (including videos) and organize webinars on the analysis of soil biological parameters; and
- contact laboratories with the capacity of analysing metabarcoding data at large scales to produce Species Protection Indices (SPIs), at national scales, based on soil biodiversity.

4.2. Working group- 2 (WG- 2)

Battigelli highlighted that the WG will continue to work to publish survey results in a manual format, identifying case studies and soil practices used as resource for landowners and

farmers. He also explained that it was planned to expand this from agricultural settings to urban areas, including the reclamation of industrial sites and resource extractions areas, ultimately integrating components of functions to soil biodiversity. Battigelli also explained plans to engage NETSOB membership more often and to provide more information to the NETSOB newsletter.

4.3. Working group- 3 (WG- 3)

Bagnara pointed out that moving forward, the WG's work will be towards indicators and monitoring schemes to track soil biodiversity and policies related to soil biodiversity. It was suggested by Gonzalez that WG- 3 could base their work on the European Commission's Soil Biodiversity Report (Turbé *et al.*, 2010), showing its results and promoting similar actions in other countries.

5. Closing of session

The NETSOB Chair, Brajesh Singh, and NETSOB coordinator, Carlos Barreto, thanked all participants for engaging in a productive and insightful discussion.

6. References

- Barreto, C., Parnell, J.J., Brown, G.G., Lindo, Z. & de Ruiter, P.** 2025. Earth's buried wealth: uncovering global soil biodiversity. *Soil Organisms*, 97.
- Brown, G.G., Ferreira, T., Correia, M.E.F., Niva, C.C., da Conceição Jesus, E., de Oliveira, M.I.L., Antunes, L.F.D.S. et al.** 2025a. Soil biodiversity knowledge worldwide: Results from an expert survey. *Soil Organisms*, 97.
- Brown, G.G., Parnell, J.J., Kobayashi, M., Ferreira, T., Parron, L.M., Correia, M.E.F., da Conceição Jesus, E. et al.** 2025b. Towards a Global Soil Biodiversity Observatory (GLOSOB): science and policy backgrounds. *Soil Organisms*, 97.
- Correia, M.E.F., Brown, G.G., Niva, C.C., Antunes, L.F.D.S., Ferreira, T., de Oliveira, M.I.L., Malaquias, J.V., da Silva, O.D.D. Eugenio, N.R.** 2025. State of global knowledge on soil micro- and mesofauna biodiversity based on a bibliographic study. *Soil Organisms*, 97.
- da Conceição Jesus, E., Coelho, M.R.R., Chaer, G.M., Mendes, I.C., de Oliveira, M.I.L., Malaquias, J.V., da Silva, O.D.D., Oliveira, I.V.D.W.A., Eugenio, N.R. & Brown, G.G.** 2025. A bibliometric analysis on soil microbial diversity and processes: global trends and methodologies. *Soil Organisms*, 97.
- Hurtado Lugo, E., Lavelle, P. & Velasquez, E.** 2024. A global indicator of soil macroinvertebrates communities to assess soil-based ecosystem services. *Applied Soil Ecology*, 193: 105138. <http://dx.doi.org/10.2139/ssrn.4385594>
- Lindo, Z., Battigelli, J., Parnell, J.J., de Ruiter, P., Brown, G.G. & Barreto, C.** 2025. The threat-work: a network of potential threats to soil biodiversity. *Soil Organisms*, 97.
- Niva, C.C., Brown, G.G., da Silva, O.D.D., Malaquias, J.V., Correia, M.E.F., de Oliveira, M.I.L., Ferreira, T., Antunes, L.F.D.S. & Eugenio, N.R.** 2025. Soil invertebrate macrofauna and bioturbating vertebrates worldwide: a bibliometric analysis using data science tools. *Soil Organisms*, 97.
- Parnell, J.J., Brown, G.G., Guerra, C., Lindo, Z., Battigelli, J., de Ruiter, P., Wall, D.H. et al.** 2025. Global Soil Biodiversity Observatory. *Soil Organisms*, 97.
- Parron, L.M., Ferreira, T., Malorgio, G., Bagnara, G.L. & Brown, G.G.** 2025. A bibliometric analysis on economic valuation of ecosystem services provided by soil biodiversity. *Soil Organisms*, 97.
- Turbé, A., De Toni, A., Benito, P., Lavelle, P., Lavelle, P., Ruiz, N., Van der Putten, W.H., Labouze, E. & Mudgal, S.** 2010. *Soil biodiversity: functions, threats and tools for policy makers*. Neuilly-sur-Seine, France, Bio Intelligence Service (BIS), Marseille, France, Research Institute for Development (IRD) & Wageningen, Kingdom of the Netherlands, the Netherlands Institute of Ecology (NIOO-KNAW).

Appendix



Food and Agriculture Organization
of the United Nations

Agenda

26 February 2025**Opening remarks**

12:00–12:10	Thorunn Wolfram, GSP Secretary: Opening of the meeting Nora Berrahmouni, NSL Deputy- Director: Welcoming remarks
12:10–12:30	Brajesh Singh, NETSOB Chair: Importance of soil biodiversity and NETSOB organization, objective and goals
12:30–12:40	Carlos Barreto, NETSOB Coordinator: NETSOB priorities and contribution to the Global Biodiversity Framework
12:40–12:50	<i>Break</i>

Soil biodiversity initiatives and actions by partners

12:50–13:10	Monica Farfan, Germany: Soils for Europe and SoilBON
13:10–13:30	Leigh Ann Winowiecki, Kenya: Coalition of Action for Soil Health
13:30–13:50	Paolo di Lonardo, Kingdom of the Netherlands: Soil Health Benchmarks
13:50–13:55	Zoë Lindo, Canada: Global Soil Biodiversity Conference 2026
13:55–14:00	Brajesh Singh, NETSOB Chair: Closing of the session

27 February 2025**Working group activities**

12:00–12:05	Carlos Barreto, NETSOB Coordinator: Introduction and NETSOB updates
12:05–12:35	George Brown and Carlos Guerra: Progress of the WG- 1: Measuring and Monitoring Soil Biodiversity, Global Soil Biodiversity Observatory (GLOSOB), Q&A.
12:35–12:40	Elected WG- 1 Vice- Chair: Way forward and workplan for WG- 1
12:40–13:10	Jeff Battigelli and Zoë Lindo: Progress of the WG- 2: Presentation of the results of the Global Survey on the best practices to conserve soil biodiversity and prevent soil biodiversity loss, Q&A.
13:10–13:20	<i>Break</i>
13:20–13:25	Elected WG- 2 Vice- Chair: Way forward and workplan for WG- 2
13:25–13:50	Gian Luca Bagnara and Rosalina Gonzalez: Progress of the WG- 3: Economics and policies related to soil biodiversity, Q&A.
13:50–13:55	Elected WG- 3 Vice- Chair: Way forward and workplan for WG- 3
13:55–14:00	Brajesh Singh, NETSOB Chair: Closing of the session.

Moderated by Carlos Barreto

List of participants

Name	Country	Membership
Agnieszka Klimkowicz- Pawlas	Poland	A NETSOB member
Alberto Martín Sánchez	Spain	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Alejandro Berlinches de Gea	Netherlands (Kingdom of the)	A GSP partner but have not yet joined NETSOB
Alexia Stellfeldt	Spain	A NETSOB member
Ana Cohen	Argentina	A NETSOB member
Anabela Caldeira	Portugal	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Andrea Bottarel	Netherlands (Kingdom of the)	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Andres Salazar- Fillippo	Czechia	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Angel I. Ortiz- Ceballos	Mexico	A NETSOB member
Anna Maria Agustsdottir	Iceland	A NETSOB member
Anne- Cathrine Danielsen	Denmark	A NETSOB member
Antonia Esposito	Italy	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Armand W. Koné	Côte d'Ivoire	A NETSOB member
Bashiy Lual	South Sudan	A NETSOB member
Borbala Biro	Hungary	A NETSOB member
Brajesh Singh	Australia	A NETSOB member
Cairo Robb	United Kingdom	A NETSOB member
Carlo Jacomini	Italy	A NETSOB member
Carlos Barreto	Canada	A NETSOB member
Carlos Guerra	Portugal	A NETSOB member
Carolina Jozami	Argentina	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Cecilia Casas	Argentina	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
César Marín	Chile	A NETSOB member
Cintia Niva	Brazil	A GSP Partner but have not yet joined NETSOB
Conrado Fioretto	Brazil	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Cynthia Mumo	Kenya	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Dajana Radujkovic	Belgium	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities

NETSOB-IV/25/Report

Daniela Solis	Belgium	A GSP partner but have not yet joined NETSOB
David Fröhlich	Austria	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Davorka Hackenberger	Croatia	A NETSOB member
Deborah Neher	United States	A NETSOB member
Douglas Omoruyi	Nigeria	A NETSOB member
Fareed Mohammed	India	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Irene Heuser	Germany	A NETSOB member
Edward Mitchell	Switzerland	A NETSOB member
Elaheh Daghighi	Iran (Islamic Republic of)	A NETSOB member
Elena Gagnarli	Italy	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Elena Havlicek	Switzerland	A NETSOB member
Elif Çetinkaya	Türkiye	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Emilie Favre	Switzerland	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Enric Bartra	Spain	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Enrica May Hedgecock	Belgium	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Fabiana Canini	Italy	A NETSOB member
Farhana Adilah Zahari	Malaysia	A NETSOB member
Federico Silvestri	Italy	A NETSOB member
Florian Gschwend	Switzerland	A NETSOB member
Paul Kristian Berjuega	Philippines	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Francesc Castro	Catalonia	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Francesco Vitali	Italy	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Gabriella Jorge- Escudero	Uruguay	A NETSOB member
Gabrielle de Souza	Trinidad and Tobago	A NETSOB member
Galyna Iutynska	Ukraine	A NETSOB member
Gayanthi Rahubaddhe	Sri Lanka	A NETSOB member
George Brown	Brazil	A NETSOB member
Giada Migliore	Italy	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Gian Luca Bagnara	Italy	A NETSOB member
Giregon Olupot	Uganda	A NETSOB member

NETSOB-IV/25/Report

Giuseppe Flores D'arrais	Italy	A NETSOB member
Hana NABIL	Morocco	A NETSOB member
Hannah Karuri	Kenya	A NETSOB member
Harriet Nakasi	Uganda	A NETSOB member
Hien Nguyen	Viet Nam	A NETSOB member
Ieda Mendes	Brazil	A NETSOB member
Ika Djukic	Austria	A NETSOB member
Irene Baena	Spain	A NETSOB member
Isabel Campos	Portugal	A NETSOB member
Isabelle Alie	Morocco	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Isaboke Job	Kenya	A NETSOB member
Jacob Parnell	United States	A NETSOB member
Jaime Sarmiento	Bolivia	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Jane Debode	Belgium	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Jane Gicheha	Kenya	A NETSOB member
Jeff Battigelli	Canada	A NETSOB member
Jegan Sekar	India	A NETSOB member
Jerome Hui	China	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Jiří Čuhel	Czechia	A NETSOB member
John Trofymow	Canada	A NETSOB member
Jon Nott	United Kingdom	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
József Hefler	Hungary	A NETSOB member
Kalyani Adhikari	Bangladesh	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Katalin Szlavecz	United States	A NETSOB member
Katherine Von Stackelberg	United States	A NETSOB member
Kenlly Dong	China	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Knowledge Mushonga	Zimbabwe	A NETSOB member
Kousaku Ohta	Japan	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Leandro Fonseca De Souza	Brazil	A NETSOB member
Leena Vilonen	United States	A NETSOB member
Leigh Winowiecki	Kenya	A NETSOB member
Leni Cheung	China	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Lorenzo D'avino	Italy	A NETSOB member
Lucile Lamy	France	Not a member of the GSP nor of NETSOB but I am

NETSOB-IV/25/Report

		interested in soil biodiversity activities
Lucius Chimezie Ndimele	Nigeria	A NETSOB member
Luis Barnola	Canada	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Luis Sarango	Ecuador	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Luis Wall	Argentina	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Lukelysia Nyawira	Kenya	A NETSOB member
Lur Epelde	Spain	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Lyudmila Lozanova	Bulgaria	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Maika Daveta	Fiji	A NETSOB member
Maria J I Briones	Spain	A NETSOB member
María Moreno	Argentina	A NETSOB member
Maria Scheel	Netherlands (Kingdom of the)	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Maria Tsiafouli	Greece	A NETSOB member
Maria Viketoft	Sweden	A NETSOB member
Marina Boeva	Russian Federation	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Marta Berrocal- Lobo	Spain	A NETSOB member
Martin Barare	Kenya	A NETSOB member
Massamba Diop	Morocco	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Mathu Sam Ndungu	Taiwan	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Mauricio Ortiz	Chile	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Max Newbert	United Kingdom	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Mehmet Can Dikici	Türkiye	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Michael Steinwandter	Italy	A NETSOB member
Michaela Kerschbaumer	Austria	A NETSOB member
Minerva García- Carmona	Spain	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Monica Farfan	Germany	A NETSOB member
Monica Rodriguez Galicia	Germany	A NETSOB member
Muhammad Amjad	Pakistan	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Myo Thant	China	A NETSOB member

NETSOB-IV/25/Report

Nadia Maaroufi	Sweden	A NETSOB member
Nandan Bhattacharyya	India	A NETSOB member
Natalia Rodriguez Eugenio	Italy	A NETSOB member
Nate Reagle	United States	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Nor Ayshah Alia	Malaysia	A NETSOB member
Nora Berrahmouni	Italy	A GSP partner but have not yet joined NETSOB
O. Abu Libda	Jordan	A NETSOB member
Oksana Naidonova	Ukraine	A NETSOB member
Olaf Schmidt	Ireland	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Omar Bashir	Kenya	A NETSOB member
Orsolya Nyárai	Switzerland	A NETSOB member
Osama Abu- Libda	Jordan	A NETSOB member
Ouango Maurice	Burkina Faso	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Paolo di Lonardo	Netherlands (Kingdom of the)	A NETSOB member
Patrick Lavelle	Colombia	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Patrrarat Teamkao	Thailand	A NETSOB member
Paul Henning Krogh	Denmark	A NETSOB member
Peter de Ruiter	Netherlands (Kingdom of the)	A NETSOB member
Petr Hedenec	Malaysia	A NETSOB member
Pilar Hernandez	Spain	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Prabavathy Vaiyapuri Ramalingam	India	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Pradeep Mohapatra	India	A NETSOB member
Rachid Mrabet	Morocco	A NETSOB member
Reem Ahmed	Sudan	A NETSOB member
Régia Estevam Alves	Brazil	A NETSOB member
Reza Ghaderi	Australia	A NETSOB member
Ric Ryan Regalado	Philippines	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Riikka Elo	Finland	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Robert Buchkowski	Canada	A NETSOB member
Ronald Keter	Kenya	A NETSOB member
Rosalina Gonzalez	Colombia	A NETSOB member

NETSOB-IV/25/Report

Roxana Aragón	Argentina	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Rüdiger Schmelz	Spain	A NETSOB member
Saeed Shojaei	Italy	A NETSOB member
Salem Hayar	Lebanon	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Salvador Lladó Fernández	Spain	A NETSOB member
Sam Bielen	Spain	A NETSOB member
Sara Del Duca	Italy	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Sara di Lonardo	Italy	A NETSOB member
Serah Nganga	Kenya	A NETSOB member
Serdar Bilen	Türkiye	A GSP partner but have not yet joined NETSOB
Sérgio Antunes	Romania	A NETSOB member
Silvia Aguero	Peru	A NETSOB member
Sofia Costa	Portugal	A NETSOB member
Sogo B. Sanon	Burkina Faso	A GSP partner but have not yet joined NETSOB
Stefano Mocali	Italy	A NETSOB member
Sud Sair Sierra	Colombia	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Sudarshan Dutta	India	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Sutapa Sarker	Bangladesh	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Swee Sian Tan	Malaysia	A NETSOB member
Tandra Fraser	Canada	A NETSOB member
Tara Dirilgen	Ireland	A NETSOB member
Teresa Lino- Neto	Portugal	A NETSOB member
Thembeke Nxele	South Africa	A NETSOB member
Thisula Shehan	Sri Lanka	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Thorunn Wolfram Petursdottir	Italy	A NETSOB member
Tšeliselo Seboka	Lesotho	A NETSOB member
Valentina Samokhvalova	Ukraine	A NETSOB member
Victoria Burton	United Kingdom	A NETSOB member
Visa Nuutinen	Finland	A NETSOB member
Zinzi Mutiso	Kenya	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Ziyang He	Australia	Not a member of the GSP nor of NETSOB but I am interested in soil biodiversity activities
Zoë Lindo	Canada	A NETSOB member