

ESP 11 World Conference

“From global to local ecosystem services: pathways to Nature-based Solutions inspired from Down Under”

23-27 June 2025 | Darwin, Australia

SESSION DESCRIPTION

ID: T2d

Challenges on monitoring biodiversity and nature’s contributions to people

Hosts:

	Name	Organisation	E-mail
Host:	Ana Paula Turetta	Brazilian Agriculture Research Corporation	ana.turetta@embrapa.br
Co-host(s):	Ágnes Vári	HUN-REN Centre for Ecological Research	vari.agnes@ecolres-hu

Abstract:

The IPBES is developing a methodological assessment on monitoring biodiversity and nature’s contributions to people (NCP). The goal is (a) to facilitate national and global initiatives to track biodiversity, NCPs, and the direct and underlying factors influencing observed changes; and (b) assess progress towards the goals and targets of the Kunming-Montreal Global Biodiversity Framework, thereby enhancing the implementation of the Convention on Biological Diversity, including its three objectives, and aiding in the monitoring of the Sustainable Development Goals outlined in the 2030 Agenda for Sustainable Development, as well as relevant multilateral environmental agreements, processes, and efforts, particularly those related to biodiversity, while considering the specific contexts of developing nations.

The report will address a highly complex issue due to its multiple interactions and the different capacities of nations to monitor biodiversity. It also includes evaluating deficiencies in data availability and accessibility, as well as existing biases in the taxonomic, geographic, and temporal representation of data for marine, freshwater, and terrestrial ecosystems.

In this session we welcome contributions that present first approaches or established ways to implement monitoring of biodiversity, of NCP, or of whole social-ecological systems. Answers to difficulties and obstacles regarding the capacities and resources required for acquiring and distributing data are sought, in line with the scope/given mandate to “enhance cooperation, to promote resource-sharing and reporting, to allow data from many sources to be combined and to improve understanding of biodiversity and NCP change”

Goals and objectives of the session:

The session hosts give a short overview of the scopes of the IPBES Monitoring assessment, while the greater part of the session offers the scientific community an opportunity to present different methods of biodiversity and NCPs monitoring. This is also intended to foster a network to share resources where synergies exist and establish cooperations.

Planned output / Deliverables:

- Identify current projects related to biodiversity or NCP monitoring;
- Encourage dialogue about the primary challenges associated with biodiversity and NCP monitoring;
- Identify feasible strategies for biodiversity and NCP monitoring, considering geographical and temporal dimensions.

Session format:

Standard 90 minutes session: 3min introd/ 5 x 15 min presentations / 12 min Q&A

Voluntary contributions accepted:

Yes, I allow any abstract to be submitted to my session for review

Related to ESP Working Group:

[TWG 2 – Biodiversity & Ecosystem services](#)