SESSION DESCRIPTION

ID: T2c

Meeting the international biodiversity targets for spatial planning with ecosystem services science

Hosts:

	Name	Organisation	E-mail
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Abstract:
The Biodiversity Conservation International agenda aims to protect biodiversity and ecosystems in substantial ways. The Kunming Montreal Biodiversity Framework (KMBF) establishes several targets that have to be met by 2030. At the same time, IPBES is currently preparing an ambitious assessment on integrated biodiversity-inclusive Spatial Planning and Ecological Connectivity that must respond to KMBF Targets 1, 2, and 3. This policy ambition requires best-in-class scientific evidence on how to articulate biodiversity and spatial planning. In this context, ecosystem services science has been demonstrated to be a robust framework for incorporating biodiversity into decision-making across various contexts and scales, including restoration and landscape planning. In this session, we invite contributions that specifically address the integration of biodiversity considerations into spatial planning through the lens of ecosystem services science.

We welcome conceptual and methodological contributions, as well as case studies that demonstrate biodiversity-inclusive spatial planning through the lens of ecosystem services science, across temporal and spatial scales in various regional and national settings. We will give special attention to less-studied, less-represented continents, regions, and habitats. Expected contributions may include methods, tools, scenarios, models, data and or case studies for biodiversity & ES inclusive spatial planning. Case studies presenting best practices for identifying, restoring and enhancing ecological connectivity, focusing on how ES contributes to biodiversity conservation, restoration, sustainable use and management are highly welcome.

Questions
- How effectively can spatial planning be improved to avoid adverse effects on biodiversity, ensuring conservation, restoration, and sustainable provision of ES?
- How effective is the inclusion of biodiversity and ES into spatial planning in different contexts?
- What is required to ease the inclusion of biodiversity and ES into spatial planning?
- What are the enabling factors determining a biodiversity-inclusive spatial planning?

Goals and objectives of the session:
To collect best-in-class research outcomes addressing the inclusion of biodiversity and ecosystem services into spatial planning across the globe

Planned output / Deliverables:
A special issue in Ecosystem Services journal (IF 6,6) will collect the best presentations of this session

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