

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: R3

Practice Cases of Nature-based Solutions in Global Protected Areas

Hosts:

	Name	Organisation	E-mail
Host:	Jing Fu	Shanghai Normal University	tristar@shnu.edu.cn
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Abstract:

Protected areas (PA) are critical areas for global biodiversity. These conservation areas not only protect the biodiversity of natural ecosystems but also prioritize the sustainable development of local communities. People engage in eco-tourism and trade ecological products within these protected areas, significantly enhancing local communities' livelihoods. These activities demonstrate ecosystem services, including provisioning, supporting, and cultural services. Specifically, cultural ecosystem services play a significant role, bringing substantial economic benefits to the overall valuation of ecosystem services. From the perspective of nature-based solutions, we have drawn inspiration from nature to optimize ecosystems that simultaneously provide human well-being and biodiversity benefits. Nature-based solutions are an innovative and sustainable approach to the sustainable development of protected areas. By discussing practical cases of nature-based solutions in global protected areas, valuable experiences can be shared to guide the management and development of protected areas in different regions.

As scientists, how can we evaluate the value of cultural ecosystem service in protected areas? How can we more effectively promote the realization of ecological product value? How can we balance ecological protection with the sustainable development of local communities? Nature-based solutions can broaden our perspective on addressing these issues. As the IUCN has emphasized, nature-based solutions should not be standalone projects but integral parts of landscape and seascape-scale approaches to ensuring sustainable development and human well-being.

In this session, we aim to exchange practical, sustainable development cases in community-based protected areas, emphasizing case studies and methods from developing countries. Practical case studies are highly actionable, allowing participants to understand the effectiveness of nature-based solutions. We plan to use the Speed Talk/Lightning Sessions format to ensure a wide range of case introductions within the limited time. The subsequent cross-disciplinary discussions will provide opportunities to explore and gain new insights from these cases. Ultimately, we hope to highlight the positive role of human activities in the sustainable development of protected areas, inspire more innovative thinking and collaboration opportunities, and inject new vitality into the sustainable development of global protected areas.

Goals and objectives of the session:

We aim to exchange practical, sustainable development cases in community-based protected areas, emphasizing case studies and methods from developing countries.

Planned output / Deliverables:

We would like to compile a report titled Outstanding Practice Cases of Nature-based Solutions in Global Protected Areas.

Session format:

We will adopt the Speed Talk/Lightning Sessions format based on the Standard session (presentations). Depending on the number of speakers, the session will take approximately 2-3 hours.

Voluntary contributions accepted:

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

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