

# 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: T1b

#### The Pacific Islands' Guide to Ecosystem and Socio-economic Resilience Analysis and Mapping (ESRAM)

Hosts:

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#### Abstract:

Ecosystem and Socio-economic Resilience Analysis and Mapping (ESRAM) is an innovative, multi-scalar assessment tool for ecosystem-based approaches that promote climate adaptation and resilience at the community level. The ESRAM process is designed to generate a robust planning baseline and to inform the identification and prioritisation of ecosystem-based adaptation (EbA) options to strengthen the socio-ecological resilience of communities to the impacts of climate change and other anthropogenic pressures.

The process consists of the following steps: (1) Identify stakeholders and review existing literature; (2) Employ GIS data and climate projections to assess future climate risks; (3) Identify, map, identify use of, and value ecosystems and ecosystem services; (4) Engage with the community and other stakeholders via focus groups and surveys (individual and transect); and (5) Identify and prioritise EbA options.

Originally proposed by the Secretariat of the Pacific Regional Environment Programme (SPREP), to date, several ESRAMs have been completed across the Pacific, including in Vanuatu, Fiji and the Solomon Islands. The organisers of this session have completed ESRAMs in Vanuatu and the Solomon Islands and have been commissioned by SPREP to produce the Pacific Islands' Guide to Ecosystem and Socio-economic Resilience Analysis and Mapping.

The purpose of this session is to introduce practitioners, academics and other interested stakeholders to the ESRAM process, take participants through the guide and worked examples, and provide an introductory level of training in the application of ESRAM both within the Pacific and beyond.

#### Goals and objectives of the session:

The session has the following objectives.

- To introduce the ESRAM process to a wider range of stakeholders.
- To present exemplars of completed ESRAMs
- To give workshop participants the opportunity to develop a basic competency in the core steps of conducting an ESRAM.
- To road-test the draft Pacific Islands' Guide to Ecosystem and Socio-economic Resilience Analysis and Mapping.

**Planned output / Deliverables:**

The workshop will increase the capacity of participants to engage with ESRAM processes and give them a basic competency in the core steps of conducting an ESRAM. The workshop will also feed into the development of the Pacific Islands' Guide to Ecosystem and Socio-economic Resilience Analysis and Mapping, with participants' contributions acknowledged in the final publication.

**Session format:**

Interactive workshop – a combination of a short PowerPoint presentation followed by participant tasks and discussion. We can tailor the length of the session to suit, but ideally a minimum of 90 minutes, could use up to 1/2 a day.

**Voluntary contributions accepted:**

No, I only want to include abstracts from my own invited speakers

**Related to ESP Working Group:**

[TWG 1 – ES Assessment frameworks & Typologies](#)