

EO 4 Ecosystem Accounting 2022



Marine and Coastal Accounts

Peter Meadows – Session Chair
Australian Bureau of Statistics

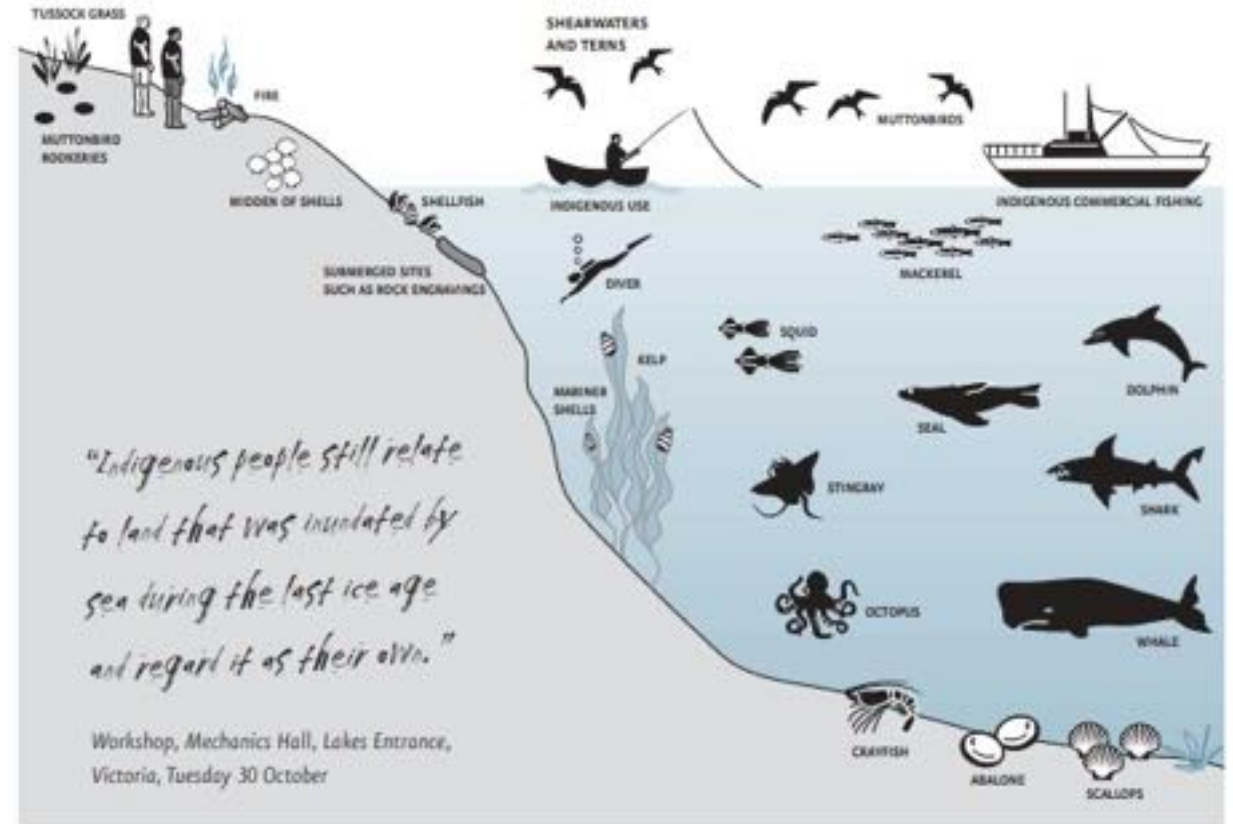
29th November 2022



Introduction to the session

Welcome from Ngunnawal Country

“We would like to acknowledge the Traditional Custodians of the lands we are meeting on today and pay our respects to their Elders past, present and emerging and to acknowledge members of the Aboriginal and Torres Strait Islander community who may be attending this event today.”



Source: Sea Country: An indigenous perspective, DCCEEW, <https://www.dcceew.gov.au/sites/default/files/documents/indigenous.pdf>

Coastal and Marine measurement increasing

“Why is the Ocean Important?”

The ocean gives us life. It feeds us, entertains us, connects us and inspires us, and powers our success.

Our well-being depends on a healthy ocean. It always has. It always will. The pressures on the ocean are intense and growing — but recovery is possible. Putting a healthy ocean at the heart of decision-making is essential so that effective protection, sustainable production and equitable prosperity go hand-in-hand to benefit people, nature and the economy.” (High Level Panel for Sustainable Oceans, <https://oceanpanel.org/the-oceans-importance/>)

There is an explosion of research and work on coastal and marine ecosystems

“There are over 8,000 internet article hits on Coastal ecosystem accounting with SEEA and over 5,000 internet article hits for Marine ecosystem accounting and SEEA (Google scholar, 24/11/2022)”

Role of Earth Observation critical

Ocean ecosystems are quite difficult to measure

Vast spaces

Sometimes deep or murky

Sometimes hostile environments [Western Australia crocodile and shark problems]



Improvements in technology and ability to distinguish characteristics are increasing

Today we have a number of presentations on how we are accessing better technology to understand more about these ecosystems.

Questions

There will be a great deal of interest in this topic. However, we have 15 minutes for discussion after these presentations.

Please enter your questions in the chat as the presentations occur.

I'll try and consolidate these questions into a theme. We probably have time for 2 questions.

I'll be looking for questions around the role of earth observations in marine and coastal ecosystem measurement for the discussion session. I encourage you to ask more questions and for the presenters to answer directly if there is time.