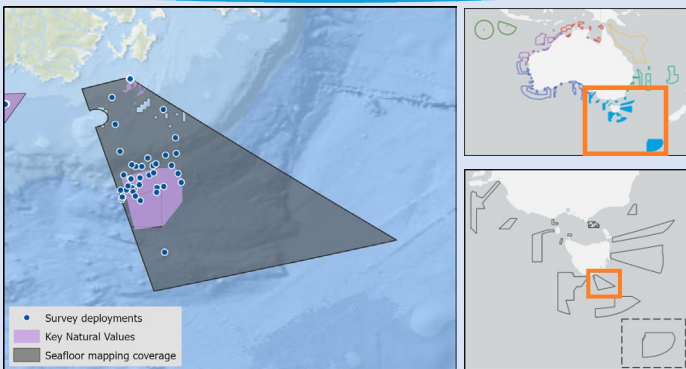


Huon Marine Park state of knowledge

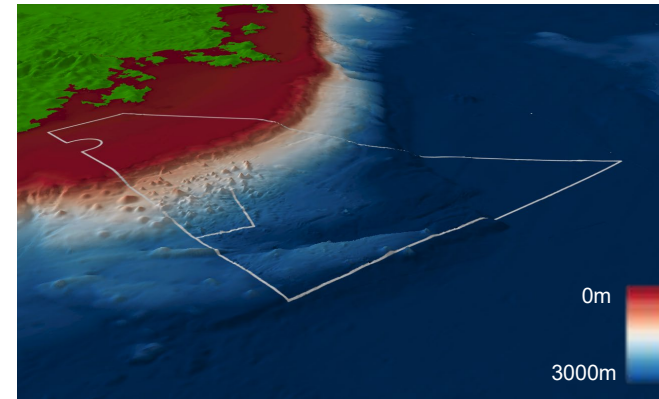


Overall knowledge status

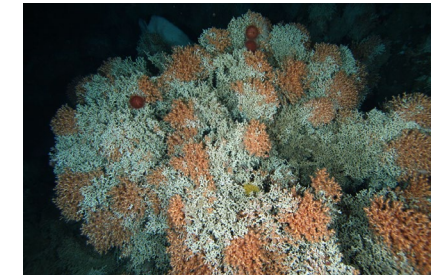
Huon Marine Park has a **medium to high level of knowledge**. Much of the shelf break and continental slope has been mapped, including reef and seamount ecosystems. The shelf reefs and seamount habitats have been the focus of biological surveys owing to their unique structure and high level of biodiversity and species endemism they provide.



Source: CSIRO



Source: Geoscience Australia



Solenosmilia variabilis. Source: CSIRO

Deep coral reefs

The Huon seamounts are inhabited by diverse deep-sea coral communities including stony reef building corals and habitat forming octocorals².

KNV



Source: Emma Flukes

Benthic fauna

Southern Rock Lobsters are an apex predator important for ecosystem functioning on rocky reefs².

KNV

Interactive [Map](#) and [Report](#).

Huon Marine Park displays multiple levels of seabed habitats from the large cluster of seamounts on the continental slope to low profile reefs and sediment plains on the continental shelf¹. It covers representative areas of four bioregions.

Depth - 40m – 4040m

96% of seafloor mapped, almost all at medium to high resolution to support habitat mapping and biodiversity surveys.

KNV

KNV= Key Natural Values

Habitat or species that are particularly important to management

Feature of interest

KNV

Patience Seamount supports a spawning aggregation of basketwork eels (*Diastobranchus capensis*) - the only reported spawning aggregation of oceanic eels globally¹.

The park contains one of the world's largest cluster of seamounts (underwater mountains).

Monitoring priority

Is the condition of deep-sea coral communities on seamount reefs improving after the removal of historic pressures?

Key knowledge gaps

- Seafloor mapping of NW and NE sections of the park
- Distribution of deep-sea coral communities on Seamounts and slope areas
- Basketwork eel aggregation extent, timing and duration

Key activities

Commercial fishing

Key pressures

Resource extraction
Climate change

Further information

1. Luceer et al. 2018. [An eco narrative of Huon marine park](#).
 2. Monk et al. 2016. [Biological and habitat feature descriptions for the continental shelves of Australia's temperate water marine parks...](#)
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