

COASTAL PROCESSES AND DESIGN STUDIES FOR THE NAWI ISLAND DRYDOCK

NAWI ISLAND, FIJI



INFO:

Location: Nawi Island, Savusavu, Fiji

Client: Nawi Island

Project Date: 2016

SCOPE OF WORK:

- Review of the Concept Plan
- Bathymetry survey
- Ecological survey
- Coastal processes and hazard assessment
- Long-wave modelling
- Coastal engineering

PROJECT DESCRIPTION:

eCoast undertook a coastal process assessment and preliminary design for the proposed Nawi Island drydock facility, located some 5 km to the northeast of Nawi Island on the most eastern part of Savusavu Bay. The main considerations for the coastal processes and preliminary design at the facility were local bathymetry configuration, local wave-climate, and alongshore sediment transport/historic shoreline position.

