

**Country**

Madagascar

Client

Agence Portuaire Maritime
et Fluviale

Date

2006-2008

Sogreah's services

► Design Services

Description / Particularities

- Coast subject to intense simultaneous sedimentation and erosion.
- Development of a 5 million m³ sandbank across the entrance to the harbour.
- Severe coastal erosion connected with cyclone activity in the Indian Ocean.
- 3-year coastal monitoring programme.
- Investigation of solutions for maintaining the harbour access channel.

Detailed services

- Bathymetric and topographic investigations, inspection of structures.
- Analysis and summary of data and measurements.
- Analysis of hydrosedimentary dynamics.
- Identification of sensitive sites and vulnerable areas.
- Recommendations concerning emergency measures.