

**Status of Data and Information Management**  
**in**  
**MADAGASCAR**

# Key Authorities/ Institutional Framework

- **Which is the lead ministry for coastal and marine data and information management?**

Ministry of Environment and Sustainable Development through the National office for the environment (Decree 2008-600)

- **Which other ministries and governmental agencies are involved?**

- Ministry of fisheries and blue economy
- Ministry of Interior and Decentralization
- Ministry of Mines and strategic resources
- Ministry of Transport and Meteorology
- Ministry in charge of Tourism
- Ministry in charge of National Defense and Territorial Security
- Ministry in charge of Public Finance
- Ministry in charge of higher Education (Institute of Fisheries and Marine Sciences , National Oceanographic Research Centre)
- National Committee for Integrated Coastal Zone Management (CNGIZC)
- Entity in charge of maritime and river transport
- Entity in charge of combating marine oil pollution
- Entity responsible for managing Marine Protected Areas

## Key Authorities/ Institutional Framework

- **Who are other stakeholders ?**

International and national NGOs:

- World Wildlife Fund (WWF)
- Blue Ventures
- USAID
- Conservation International
- ...

## Supporting Legal and Policy Framework

- **National Framework/Strategy on ocean and coastal information management?**
  - Fisheries management plan,
  - Good Governance of Maritime Fisheries in Madagascar
  - Policy Framework and reform strategy for Fisheries and Aquaculture in Africa
  - National sustainable Development Policy for the Integrated Coastal and Marine Zones Management
  - National action Plan for the Integrated Management of Coastal Zones (PANGIZC: 2019 – 2023)
  - Marine projected area code,
  - Decree related to shrimp fishing coordination, 2nm exclusive zone for the small-scale fishers (SSF)
  - Local regulation through Traditional convenient “Dina”,
  - Environment chart
  - Fisheries and Aquaculture Code
  - Blue Economy policy letter

## Supporting Legal and Policy Framework

- **Is there any legislative/administrative framework?**
  - Law 2018-025 relating to the Maritime Areas under the Malagasy Jurisdiction
  - Law No. 2015-053 of 03/02/2016 on the Fisheries and Aquaculture Code
  - Decree n ° 2010-137 of March 23, 2010 regulating the integrated management of the coastal and marine areas of Madagascar
  - Decree No. 99-954 of December 15, 1999 amended by Decree No. 2004-167 of February 3, 2004 relating to the Compatibility of Investments with the Environment (MECIE)
  - Law n ° 2004-019 of July 6, 2004 implementing the International Conventions relating to the protection of the marine and coastal environment against pollution by oil spills
  - Decree n ° 2001-337 of 04/19/2001 ratifying the 1982 United Nations Convention on the Law of the Sea
  - Law n ° 2000-020 of 11/28/2000 authorizing the ratification of the 1982 United Nations Convention on the Law of the Sea, UNCLOS, Montego Bay, 1982
- **Other policies relevant to coastal and marine data and information?**
  - Decree No. 2015-1308 of December 22, 2015 establishing the national policy on the environment for sustainable development (PNEDD)
  - Decree No. 2016-128 adopting the National Strategy and Action Plans for Biodiversity in Madagascar from 2015 to 2025
  - International agreements
  - Madagascar engagement to FiTI (Fisheries Transparency Initiative),

# Current Status

- **Which coastal and marine data and information is available and in what form?**
- ***Available at the National Office of Environment as data centre:***  
Climate, geophormology, hydrology, oceanography, coastal type, natural hazards  
Ecosystems, protected rare end endangered species, Marine fauna, Marine flora  
Terrestrial fauna and flora, mineralsn energy resources,... (details in the excel file)
- ***Fisheries and aquaculture (catches, species, economy) – data and report – Ministry of Fisheries,***
- ***Maritime Atlas – interactive map – ministry of land planning (ongoing),***
- ***Socio-economic information - report – ministry of the economy – National office of statistic,***

# Practical Application in the countries

- **Is there a coastal and marine data and information system for dissemination?**
  - Environmental dashboard managed by ONE,
  - Atlas maritime for 5 regions in Madagascar (ongoing)
  - Hay Natoria Portal (ongoing),
- **Which are the main global and regional data and information systems/hubs that you use?**
  - Google Earth Engine
  - CRFIM (Regional Maritime Information Fusion Centre)

# Next Steps

- **What are the main challenges and gaps?**
  - Few sectors covered in terms of information, intersectoral coordination,
  - Information gap in some areas,
  - Information in tourism sectors,
  - Updated information related to oil/gas,
  - More evidence-based approach,
- **What support is required?**
  - Means and funding,
  - Institutional and technical capacity building for local partners,

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