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OCEAN

OCEAN SCIENCE FOR A SUSTAINABLE DEVELOPMENT AGENDA

Flanders
State of the Art
20th Anniversary of
UNESCO-Flanders
Cooperation Agreement



CMA2

Caribbean Marine Atlas Phase 2

www.caribbeanmarineatlas.net



PROJECT OBJECTIVE

Operationalizing spatial data information based online digital platform to support the Integrated Coastal Zone Management – ICZM and ecosystem-based management for the major Caribbean ecosystems – Caribbean Large Marine Ecosystems.

GEOGRAPHICAL SCOPE



	BARBADOS Coastal Zone Management Unit
	BELIZE Ministry of Agriculture, Fisheries, Forestry, the Environment and Sustainable Development
	COLOMBIA Instituto de Investigaciones Marinas y Costeras INVEMAR (Coordinator)
	COSTA RICA Universidad Nacional de Costa Rica
	DOMINICA Ministry of Agriculture and Fisheries
	DOMINICAN REPUBLIC Ministerio de Medio Ambiente y Recursos Naturales
	GUATEMALA Instituto Nacional de Sismología, Vulcanología, Meteorología e Hidrología
	JAMAICA National Environment and Planning Agency
	MEXICO Instituto de Investigaciones Oceanológicas / Universidad Autónoma de Baja California
	PANAMA Autoridad de los Recursos Acuáticos de Panamá
	TRINIDAD & TOBAGO Institute of Marine Affairs
	TURKS & CAICOS ISLANDS Department of Environment and Maritime Affairs
	VENEZUELA Universidad Simón Bolívar, Laboratorio de Sensores Remotos



PROCESS

METHODOLOGY

1

TECHNOLOGY:
GeoNode is a content management system to manage and publish geospatial data.
Webpage: The platform (www.caribbeanmarineatlas.net) allows countries to manage their own content and information.



PRODUCTS

LAYERS
A set of national and global thematic layers to consult and/or download.

MAPS
A collection of static and interactive maps to consult, download or modify using layers stored.

CATALOGUE
A set of documents to consult as reports or publications related to spatial information stored in the platform, as well as external sources of information of the region.

SIGNIFICANT NUMBERS

13 pilot countries directly providing information
Catalogue with 93 external sources of information and 52 documents
866 cartographic layers
19 maps
10 indicators implemented
> 1 000 records, each one with metadata based on ISO 19115
34 GIS experts from different countries and entities, registered on platform and trained to manage national information from country pilots
> 10 scientific and technical events in which the project was presented/disseminated
2 484 platform users from 112 countries

COMMITMENTS

- Work in two languages (English-Spanish)
- Institution leader by country as National Focal Point
- Implementation of information standards and protocols (metadata)
- Permanent communication
- National and regional expert directory
- Self-management to upload national information to Atlas (layers and maps)
- Publishing indicators for country pilots CMA2 and CLME+

