

CARIBBEAN MARINE ATLAS PHASE 2 - CMA2 ATLAS MARINO DEL CARIBE FASE 2 - CMA2



CARIBBEAN MARINE ATLAS

General objective

Sustainable operationalization of an online digital "Caribbean Marine Atlas" technology platform as **a support of Integrated Coastal Zone Management - ICZM** (with special attention to: coastal hazards, climate change, biodiversity & habitats, fisheries, land based sources of pollution) and **Ecosystem-based Management** for CLME.





BACKGROUND

National portals of spatial data Barbados – Coordinator

Cuba, Dominica, Grenada, Guyana, Jamaica, St

Lucia, Trinidad & Tobago and Turks & Caicos



The CMA2 project builds upon the experience and lessons learnt in the CMA1 and



CMA2 PROJECT BUILDS UPON ...



A collaborative approach to strengthening capacities with existing national, regional and international marine data and information management programs, projects or strategies:

Cooperation and Exchange Expertise

South to South (CMA2 and ACMA African Coastal and Marine Atlas); as well as SPINCAM – Southeast Pacific data and Information Network in support to integrated Coastal Area Management





Opportunities

Global Academy (OTGA).

Advising from International coastal Atlas network - ICAN. Training through regional training center at IODE Ocean Teacher





OCEAN BIOGEOGRAPHIC INFORMATION SYSTEM





Tools







CMA2 CURRENT PILOT COUNTRIES





COORDINATION STRUCTURE

Execution and financial support	Flanders governmentIOC/IODE
Regional coordination	• INVEMAR – (Colombia)

National coordination

 National Focal Point (NFP) / Countries

GENERAL PROCESS





2015-2016



- Search of country partners and formal linkage
- Requirements inventory
- Geospatial information inventory
- Website & tools geospatial information prototypes
- Selection of indicators and proposal of methodological sheet

2017



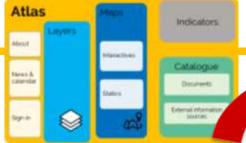
- Uploading information
- Indicators reporting
- Thematic maps generation
- CLME+ maps/reports generation (SAP and Ecosystems State Report)

2018+

- Maintenance in time of erepository for Caribbean region
- Enforce
 dissemination
 strategy at
 national regional levels
- Enforce synergies with others initiatives

ONLINE TECHNOLOGY PLATFORM (CMA INTERFACE)





PLATFORM STATUS - PRODUCTS

- On line 24/7
- Free access to data and information
- Multi topic information for ICZM and EbM
- Geoviewer for consultation of thematic layers and building/downloading maps
- Catalogue with documentation related to spatial information and links with external information sources (projects, countries, institutions)



http://www.caribbeanmarineatlas.net/

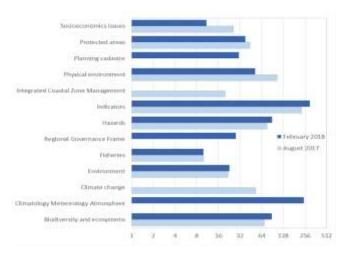
CMA2 PRODUCTS





LAYERS

825 thematic layers



MAPS

19 "interactive" maps 36 "static" maps

- Opportunity to customize maps
- To consult and interact with sets of layers displayed
 - To publish/download/ interact online maps derived from projects, countries and institutions

CATALOGUE

52 documents93 information sources



INDICATORS

















Invasive Species

Marine

Areas

Protected



Coastal Economic Activities

Global

Fish Capture

Production



Coastal Population Change



Extreme Events Effects







INFORMATION MANAGEMENT



- Compilation, use and share the most amount of national, regional and international marine data (different marine topics and scales)
- Metadata standards use
- Information policy (IODE information Policy <u>www.iode.org/policy</u>)
- Protocol to upload products on CMA2 platform
- Quality control periodically
- Training and enhance awareness: Geonode technology allows the countries to manage their own contents, allowing self-government over information.
- Technical and scientific dissemination on events
- CMA2 complements and is completely synergistic with the actions and activities of other projects and initiatives linked to the implementation eg. CLME+ SAP.

COMMITMENTS FOR WORKING TOGETHER



Work in two languages (English – Spanish)

Publishing indicators for country pilots CMA2 and CLME+

Self management on national information to the Atlas by countries



Permanent communication

Institution leader by country as National Focal Point – NFP - (national coordinator)

Implementation of information standards and protocols (metadata)



CHALLENGE

Positioning the Atlas as a reference e-repository in the Caribbean Region



Currently, CMA2 can receive new information from projects, its technical staff is working on developing a structure to host geospatial information from projects to enhance the spectrum of information sources for the Caribbean region















GRACIAS-THANKS-DANKUWEL

http://www.caribbeanmarineatlas.net