



Nelson's Dockyard, Antigua & Barbuda



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Dominican Republic

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Management

‘the **process** of assembling and using sets of **resources** in a **goal-directed** manner to accomplish tasks’ (Hitt *et al.* 2011)

- **process**: planning, organising, implementing & evaluating
- **resources**: people and their competencies and skills, data and information, financial etc.
- **goal-directed**: moving in a set direction to achieve a set outcome



Key elements for better management of PAs

- boundaries
- why the PA was established and the objectives
- status and pressures/threats
- track progress – targets, indicators, data
- assess management initiatives
- build of capacity
- network and collaborate
- sustainable financing

- 
- ecosystems
 - habitats
 - species

Glovers Reef Marine Reserve, Belize

The logo for BIOPAMA features the word in large, bold, sans-serif letters. Each letter is filled with a different color and contains a stylized icon: 'B' is green with a white outline; 'I' is light blue with a white outline; 'O' is a globe with green, blue, and brown sections; 'P' is light blue with a white outline; 'A' is green with a white outline; 'M' is light blue with a white outline; 'A' is green with a white outline. The background of the slide features a tropical beach scene on the left and a savanna with a rhinoceros on the right, both in a faded, blue-tinted style.

BIOPAMA

From Knowledge to Action for a Protected Planet

Caribbean Protected Areas Gateway

Biodiversity and Protected Areas Management (BIOPAMA) programme

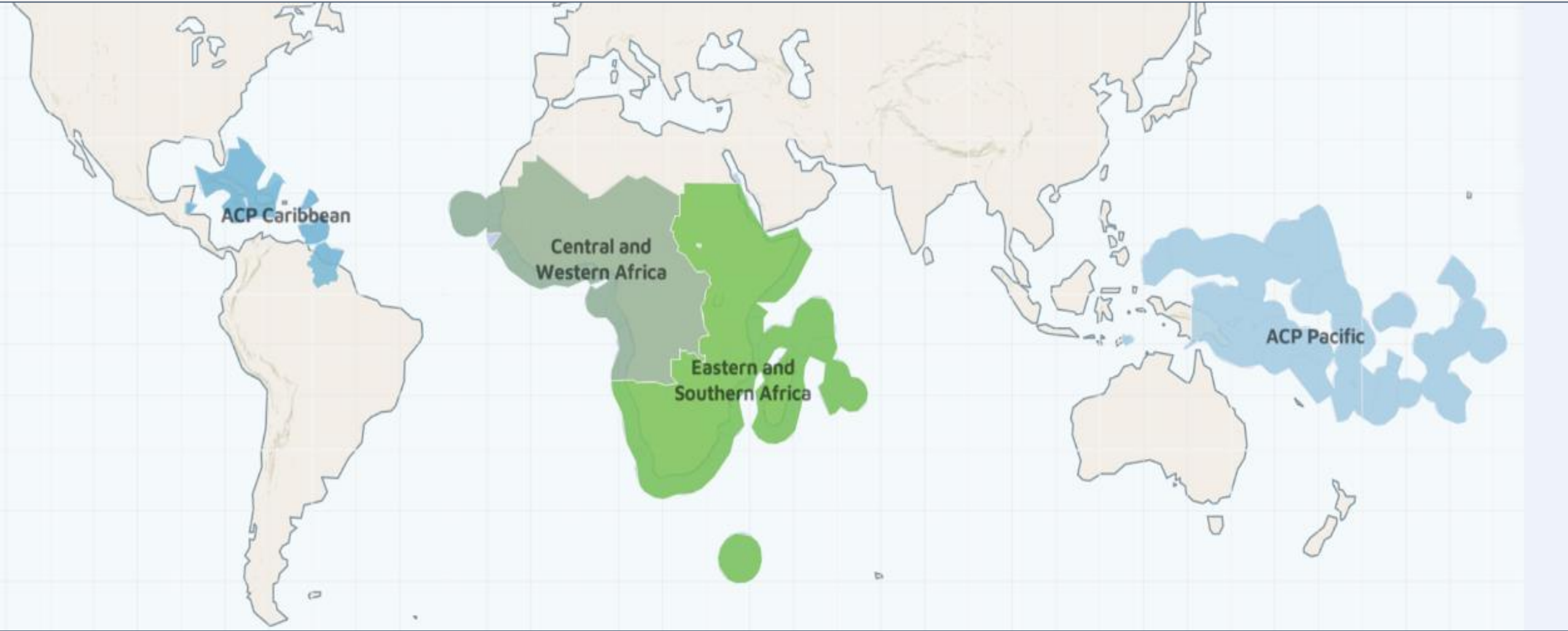


- initiative of the ACP Group of States
- financed by the EU's 11th EDF
- global partnership: IUCN & EC-JRC

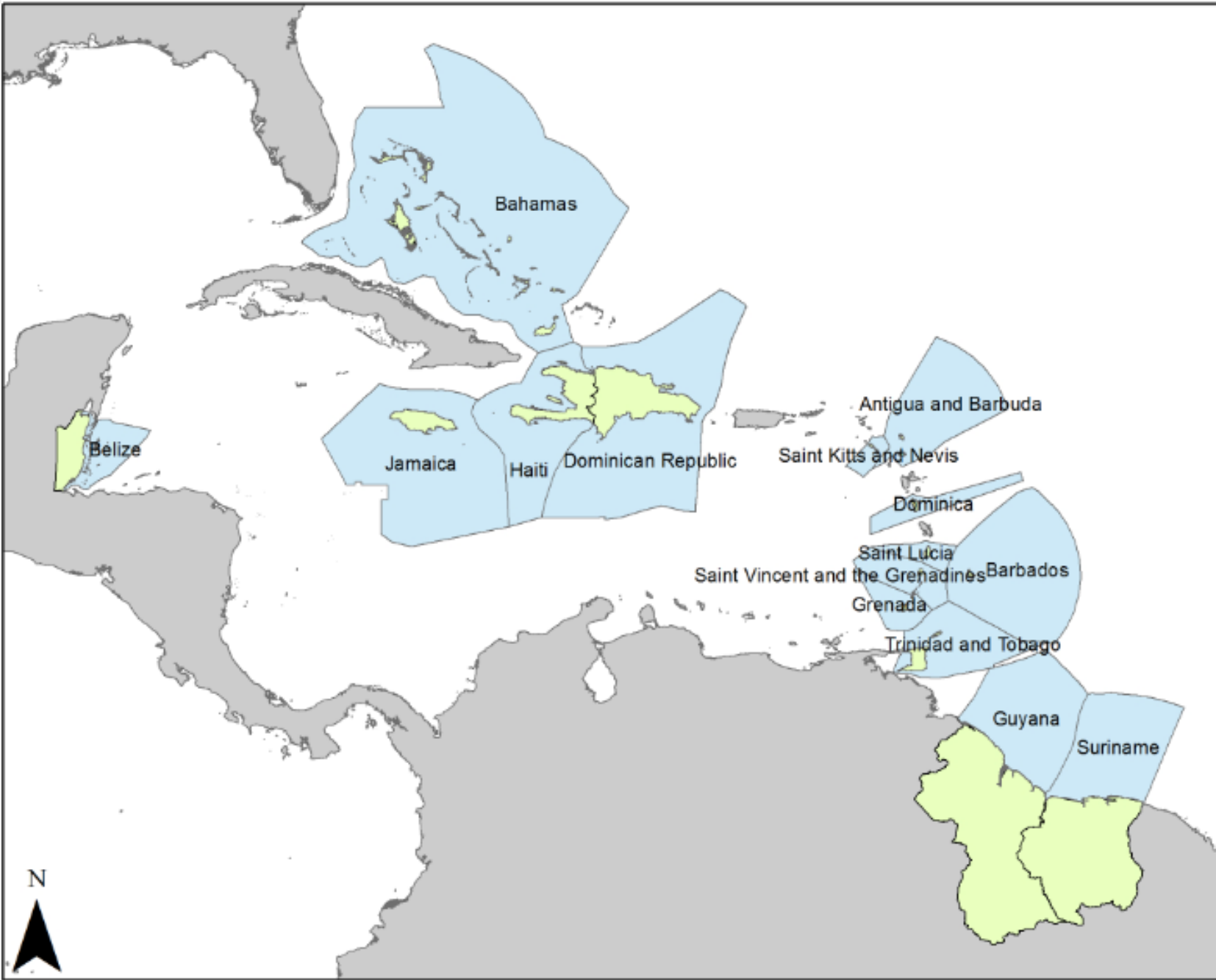
Tobago Cays Marine Park, SVG



Biodiversity and Protected Areas Management (BIOPAMA) programme



Biodiversity and Protected Areas Management (BIOPAMA) programme



- Antigua & Barbuda
- The Bahamas
- Barbados
- Belize
- Dominica
- Dominican Republic
- Grenada
- Guyana
- Haiti
- Jamaica
- St. Kitts & Nevis
- Saint Lucia
- St. Vincent & the Grenadines
- Suriname
- Trinidad and Tobago

Regional hubs (Regional Reference Information Systems)

- open-source, free and secure tools
- bring together the best available science and knowledge
- collect and analyse protected areas data, information and trends
 - protected areas and biodiversity ecosystems
 - species, habitats, pressures, threats
 - socioeconomic
 - management & governance

Caribbean Protected Areas Gateway

Linking data to better decision

Caribbean Protected Areas Gateway *(Linking data to better decisions)*

- hosted by the University of the West Indies (UWI)
- housed at the Centre for Resource Management and Environmental Studies (CERMES)
- launched in 2015



Caribbean Protected Areas Gateway

Key Components

Caribbean Protected Areas Gateway *(Linking data to better decisions)*

1. Regional Reference Information System

- user interface <http://caribbean-rris.biopama.org/>
- data/content management system (GeoNode) <http://geonode-rris.biopama.org/>

2. Communications platform (Yammer) <https://www.yammer.com/biopama/>

3. Funding mechanism – Action Component <https://action.biopama.org/>

4. Server

Regional Reference Information System

- Web-based
- Open-source
- Interoperability (REST services and APIs)
- Geospatial (interactive maps)
- Focused on the regional, national and local levels (terrestrial and marine PAs)
- Dashboard-type visuals





Bahamas | ACP Caribbean

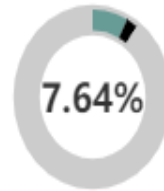


PROTECTION COVERAGE

TERREST



MARINE



NUMBER OF PROTECTED AREAS

Coastal	17
Marine	20
Terrestrial	17
Total	54



WORLD BANK DATA

Land area (sq. km)	10,010.00 (2018)
Population, total	385,640 (2018)
GDP per capita, PPP (current international \$)	31,581.10 (2017)
GDP	12.14 (2017)


[Protected Areas](#)

[State Indicators](#)

[Pressure Indicators](#)

[Response Indicators](#)
[Privacy settings](#)

CUBA

BAHAMAS

HAITI

 DOMIN
REPU

JAMAICA

300km

Regional Reference Information System

- Web-based
- Open-source
- Interoperability (REST services and APIs)
- Geospatial (interactive maps)
- Focused on the regional, national and local levels (terrestrial and marine PAs)
- Dashboard-type visuals
- State-pressure-response framework





On Tours

Q ? * < >

State Pressure Response

STATE / NATURAL AREAS, LANDSCAPE, ECOSYSTEMS

Number of PA management effectiveness assessments in GD-PAME database for Pan-ACP

Source

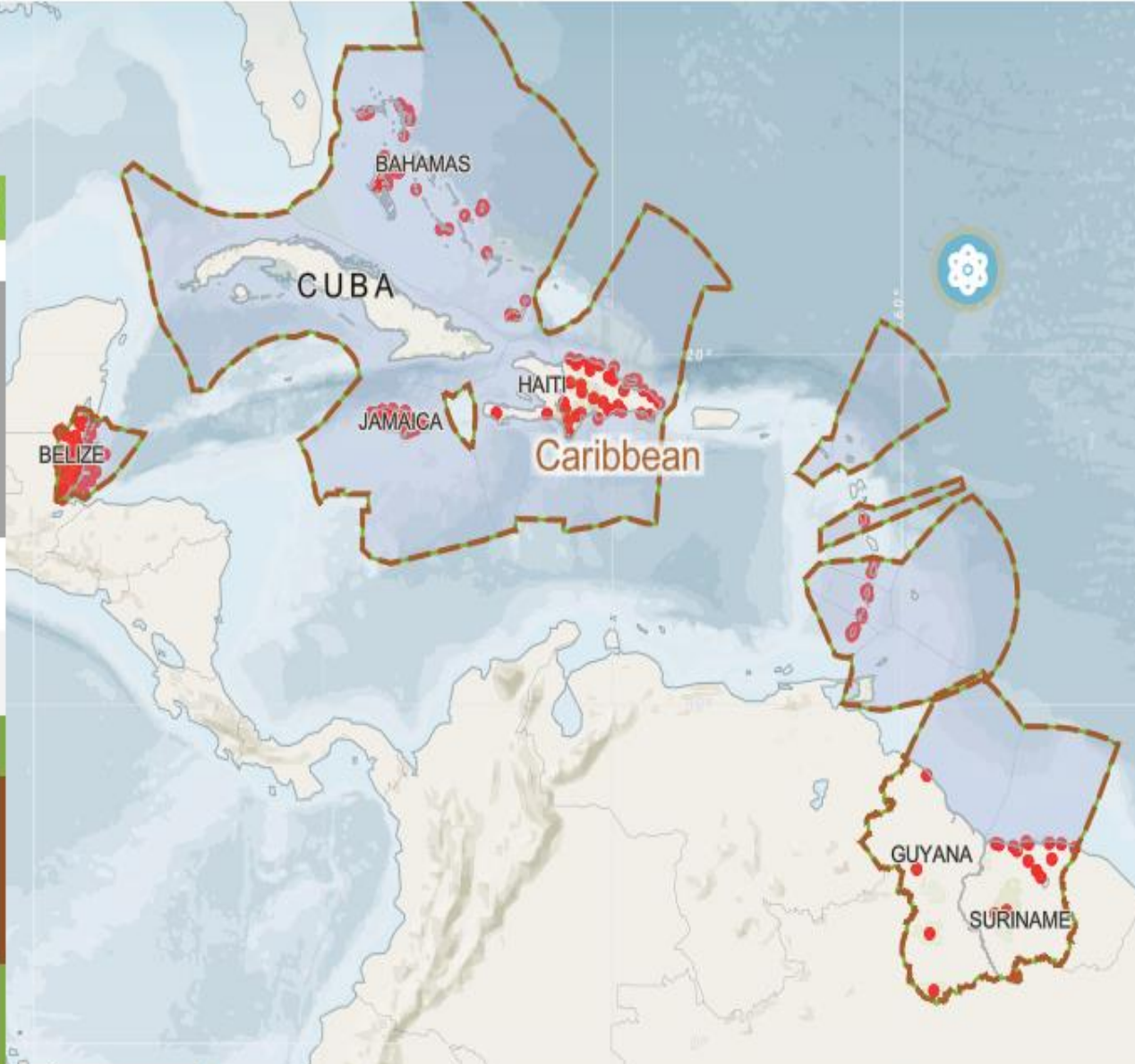
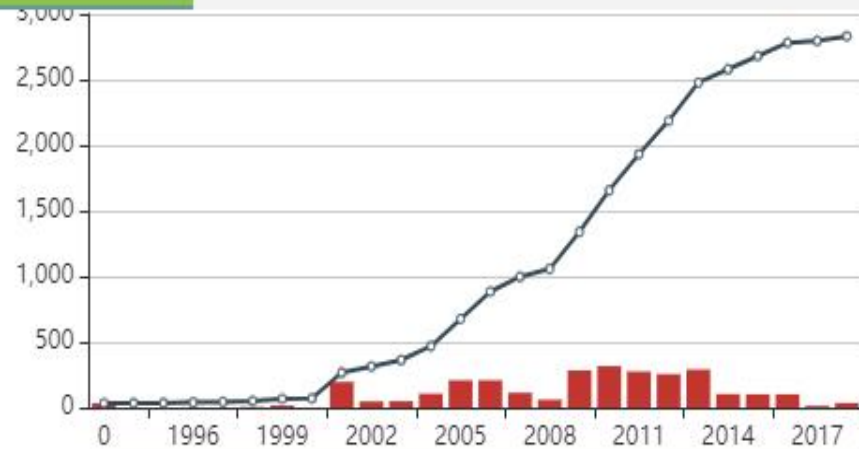


Global

Regional

National

Local



Map navigation controls: Full screen, Zoom in (+), Zoom out (-), Home, Layers, User profile, Edit, Measure, Table, Download.

On Tours

Q ? * < >

Response

GLOBAL / CONVENTION ON BIOLOGICAL DIVERSITY / TARGET 11 ON PROTECTED AREAS

Marine protected area coverage (%) for Pan-ACP

Source

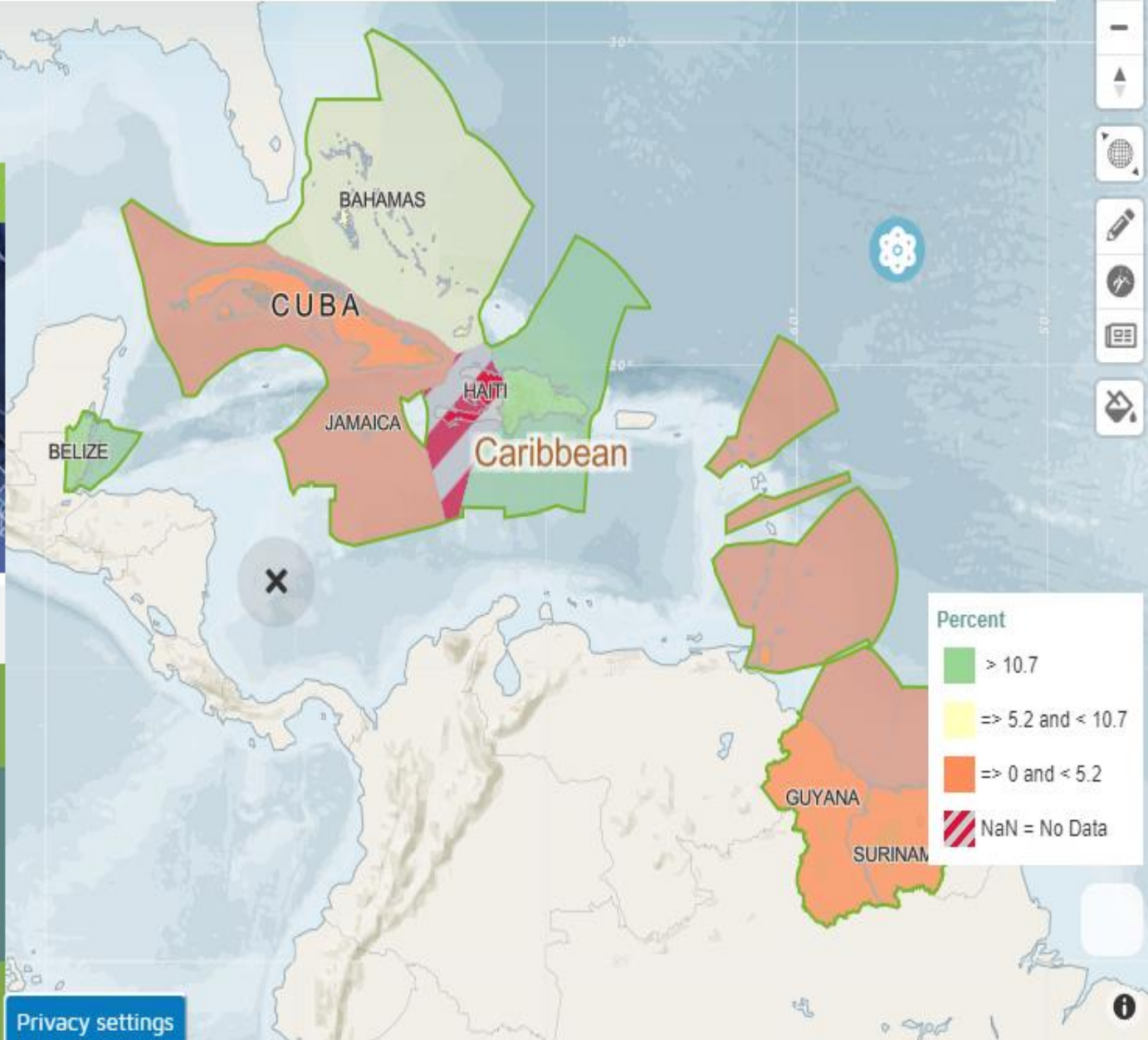
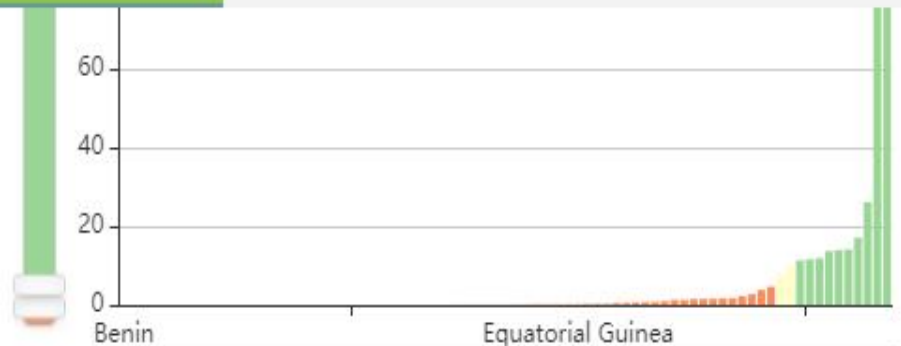


Global

Regional

National

Local



Privacy settings

500km



Classes

Classification

Color

Invert



Country CREWs



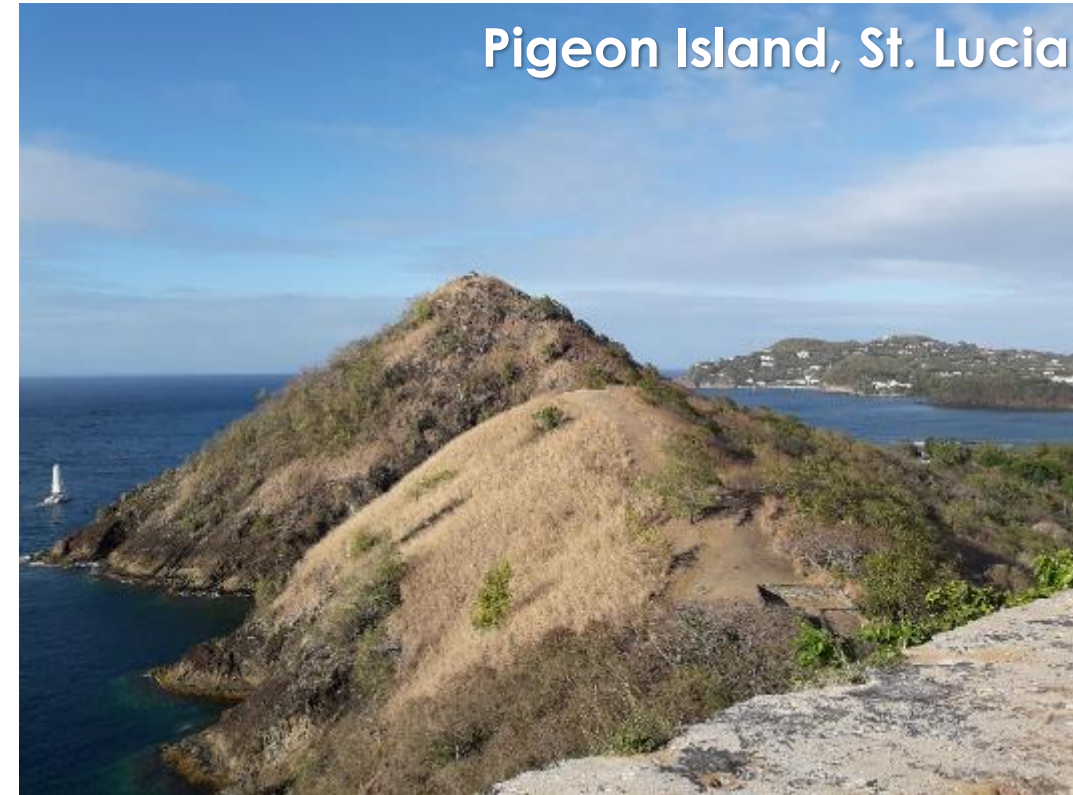
Caribbean Protected Areas Gateway

Services & Benefits

Caribbean Protected Areas Gateway *(Linking data to better decisions)*

Tool

- Informed, guided and utilized by practitioners, stakeholders, decision makers
- bring together the best available science and knowledge
- make it easily accessible
- to support decision making for planning, designating and managing biodiversity & protected areas



Services

- Data hub/repository for biodiversity & PA data
- Provision of tools and analyses
- Capacity building
 - PAME assessment
- Reporting
- Funding (Action Component)
- Data storage/backup/publish

Decision
&
policy
makers

PA
managers
and
practitioners

Government
&
non-
governmental
agencies

Academic
&
research
institutions

Communities,
citizens,
general
public

Funding
donors

**Who
Benefits?**

Key Benefits



- Increased data mobilization
- Better networking and communications
- Development of capacities
- Better reporting

State of Protected Areas Report

- Funding opportunities

Codrington Lagoon, Antigua & Barbuda

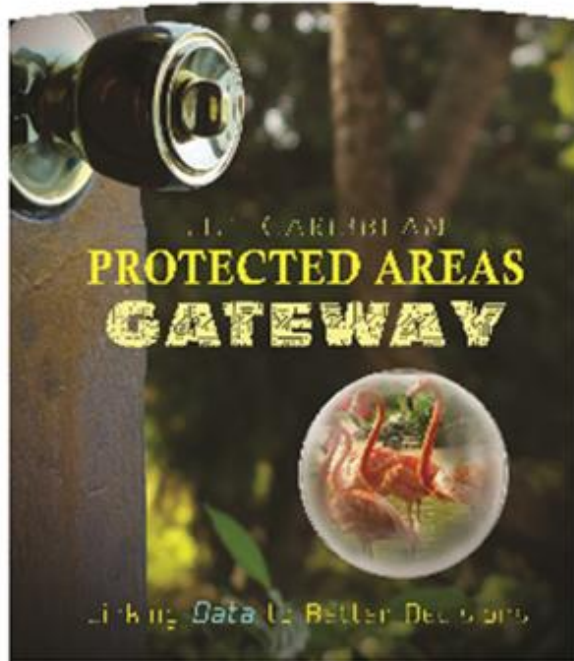


Useful Links

- African, Caribbean, and Pacific (ACP) Group of States - <http://www.acp.int/>
- BIOPAMA programme - <https://biopama.org/>
- BIOPAMA GeoNode - <http://geonode-rris.biopama.org/>
- Caribbean Protected Areas Gateway - <http://caribbean-rris.biopama.org/>
- Central Reference Information System - <https://rris.biopama.org/>
- CERMES-UWI - <https://www.cavehill.uwi.edu//cermes/home.aspx>
- IUCN-ORMACC - <https://www.iucn.org/regions/mexico-central-america-and-caribbean>
- European Commission-Joint Research Centre - https://ec.europa.eu/info/departments/joint-research-centre_en
- University of the West Indies (UWI) - <http://www.uwi.edu/index.asp>
- Yammer - <https://www.yammer.com/biopama/>



THE UNIVERSITY OF THE WEST INDIES



www.biopama.org

The Biodiversity and Protected Areas Management Programme (BIOPAMA) is an initiative of the ACP Group of States financed by the European Union's 11th EDF.

Thank you!



Questions?