



Strengthening MPA Capacity in the Wider Caribbean: the UNEP-CEP-CaMPAM Program

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building for CBD Implementation of the Programme of
Work on Protected Areas
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The Wider Caribbean Region






Island nations

1. Antigua & Barbuda
2. Bahamas
3. Barbados
4. Cuba
5. Dominica
6. Dominican Republic
7. Grenada
8. Haiti
9. Jamaica
10. St. Kitts & Nevis
11. St. Lucia
12. St. Vincent and the Grenadines
13. Trinidad & Tobago

Continental nations

1. Belize
2. Colombia
3. Costa Rica
4. Guatemala
5. Guyana
6. Honduras
7. Mexico
8. Nicaragua
9. Panama
10. Surinam
11. USA
12. Venezuela

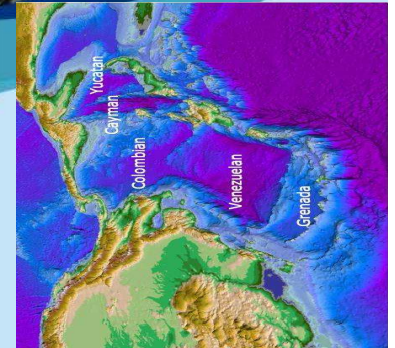
Island territories

1. Aruba
2. St. Maarten
3. Curacao
4. Dutch Caribbean
5. Anguilla
6. Cayman Islands 
7. Montserrat
8. Turks & Caicos Islands
9. British Virgin Islands
10. French Guyana 
11. Guadeloupe
12. St. Martin – St. Barth
13. Martinique
14. Puerto Rico 
15. US Virgin Islands



An opportunity for improving coastal management in the Caribbean

- Common history, similar culture and few languages;
- One, but diverse: *One Marine Biogeographic Province with several ecoregions;*
- Coastal tourism: *a major force, lessons to be learned;*
- Fisheries: severely depleted
- Marine parks: a coastal management tool to promote responsible/sustainable marine management practices;
- *The Cartagena Convention and its protocols (SPAW, etc.): a regional environmental agreement like nowhere in the world*



Organizations programs working on regional MPA capacity

- UNEP-CEP **SPAW Program** and CaMPAM (Caribbean Challenge, CLME, Mar. mammals, GCFI, etc.)
- TNC (sustainable finance, etc.)
- DCNA (Dutch Caribbean)
- CERMES (SocMon, fisheries)
- NOAA CRCP
- OECS (OPAAL, etc.)
- WRI (coastal capital eval.)
- CANARI (livelihoods)
- Caribsave project (fish sanctuaries)
- GEF projects (Bahamas, DR, Cuba, Colombia, Venezuela, E Caribbean, Jamaica)
- IUCN (St. Lucia, etc.)



The Cartagena Convention: the Protection and Development of the Marine Environment of the WCR

- 1986 – Entered into force
- *Only legally binding, region-wide environmental agreement for the Wider Caribbean Region*
- 25 Parties
- *Protect sensitive areas and threatened species*

UNITED NATIONS ENVIRONMENT PROGRAMME

**Convention for the Protection and
Development of the
Marine Environment of the Wider
Caribbean Region**

**Protocol Concerning Co-operation in Combating
Oil Spills in the Wider Caribbean Region**

**Protocol Concerning Specially Protected Areas
and Wildlife**

**Protocol Concerning Pollution from Land-Based
Sources and Activities**



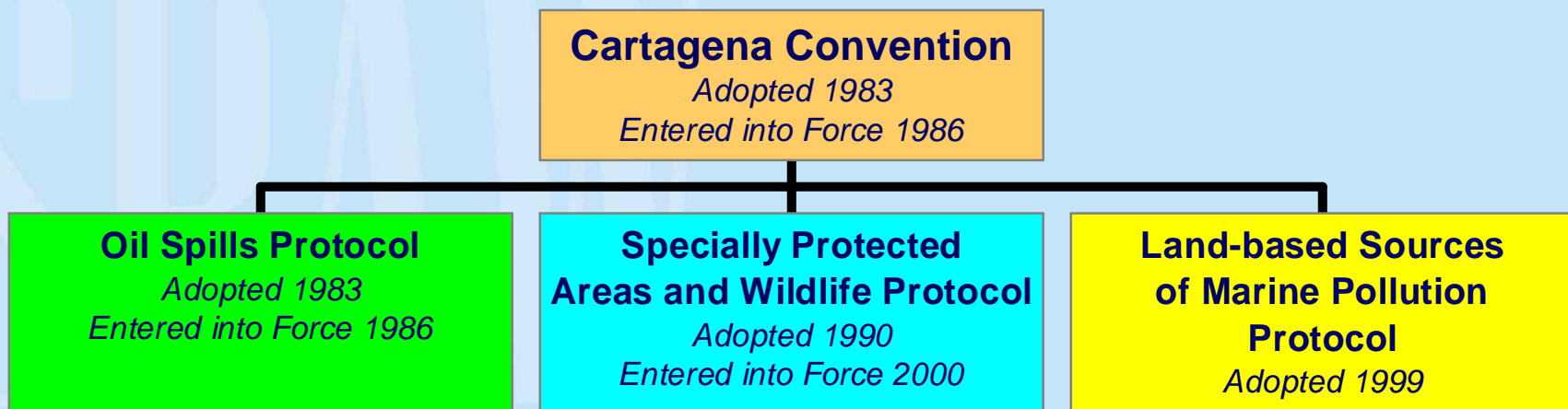
UNEP
Caribbean Environment Programme
KINGSTON, 2000



The Cartagena Convention



- Regional agreement for the protection and development of the marine environment of the Wider Caribbean
- One of the UNEP's 18 Regional Sea conventions all over the world
- Implemented through 3 protocols



UNEP-SPAW Program: working with partners



Major partners:

- Focal Points (Min. of Environment, Fisheries, Forestry)
- Regional Activity Center for SPAW (Guadeloupe, FWI)
- FAO/WECAFC, CFRMN, OSPESCA
- OECS-ESDU, Central American Env Comm (CCAD)
- UWI, CERMES, CEHI, IMA
- Gulf and Caribbean Fisheries Institute (GCFI)
- Gov agencies (e.g. NOAA, NFWS)
- NGOs (WIDECAST, ECCN, ECCEA, SCSCB etc)
- Int'l NGOs (IUCN, IFAW, WWF, ReefCheck, TNC, WCDS BRT, etc)

MPA capacity assessments conducted



- TNC Mesoamerican Region and RAPPAM
- OECS-OPAAL
- UNEP-CEP, Training of trainers program
-
- NOAA-CaMPAM, CANARI)

A management capacity assessment of selected MPAs in the Caribbean



NOAA Coral Reef Conservation Program

Management planning, ecological network development, governance, on-site management, enforcement, boundaries, biophysical monitoring, socioeconomic monitoring, MPA effectiveness evaluation and adaptive management, stakeholder engagement, financing, outreach and education, conflict resolution mechanisms, planning for resilience to climate change. alternative livelihoods. fisheries Management, integrated coastal management, sustainable tourism, organizational management, partnerships/Coordination

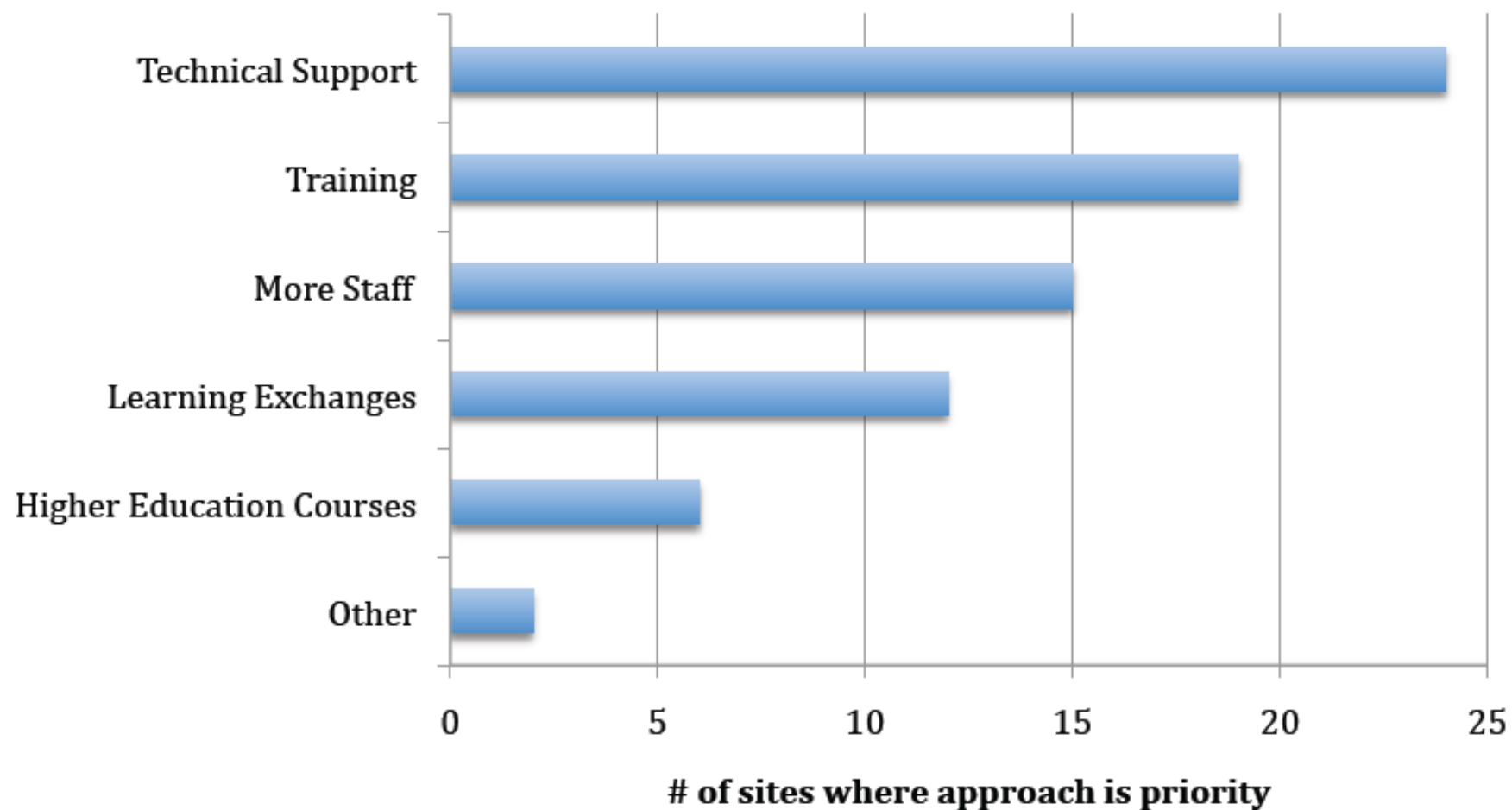


27 MPAs selected:

Country / Territory	Sites Selected
Bahamas	Andros Barrier Reef National Park South Berry Islands Marine Reserve Pelican Cay Land and Sea Park
Belize	Half Moon Caye and Blue Hole Natural Monuments Port Honduras Marine Reserve South Water Caye Marine Reserve
British Virgin Islands	Hans Creek Fisheries Protected Area Horseshoe Reef Fisheries Protected Area Wreck of the Rhone Marine Park
Dutch Caribbean	Saba Marine Park St. Eustatius National Marine Park
Grenada	Molinière/Beauséjour Marine Protected Area Sandy Island - Oyster Bed Marine Protected Area

Honduras	Monumento Natural Marino Archipiélago Cayos Cochinos Zona de Protección Especial Marina Sandy Bay - West End Zona de Protección Especial Marina Turtle Harbour - Rock Harbour
Mexico	Parque Nacional Arrecife Alacranes Parque Nacional Arrecifes de Xcalak Parque Marino Nacional Costa Occidental de Isla Mujeres, Punta Cancún y Punta Nizuc
St. Lucia	Pitons Management Area Point Sable Environmental Protection Area Soufriere Marine Managed Area
St. Vincent & the Grenadines	South Coast Marine Park Tobago Cays Marine Park
Turks and Caicos Islands	Columbus Landfall National Park Princess Alexandra Land and Sea National Park West Caicos Marine National Park

Preferred capacity building approaches



SPAW's Approach

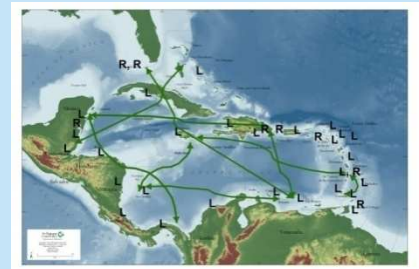


- Facilitate regional cooperation
- Emphasis on ecosystem-management approach
- Congruency with most provisions of CBD, Bonn, Ramsar & CITES (cooperation programmes with many of these agreements)
- Provide guidance to implement provisions of related and broader agreements



CaMPAM Network and Forum: a regional training and communication program for strengthening MPAs (1)

- Training of Trainers Program on MPA management since 1999 (>1500 trained)(Eng., Spanish and French)
- Small Grants Fund (to address MPAs needs and promote alternative livelihoods around MPAs)
- Exchanges (sharing among managers, fishers and scientists)
- Regional MPA database (online)
- Internet List and Forum



CaMPAM Network and Forum: a regional training and communication program for strengthening MPAs

- Technical assistance, collaboration
- MPA managers, fishers and scientists meet
- In partnership with government and NGOs
- Resources from different sources: gov., founda., indiv. experts)
 - The Italian Intl Cooperating Directorate is funding the Carib. Challenge Islans (training, communication, cooperation) with CaMPAM ar



Training of Trainers (ToT) (1999-2012)

- Flagship training program for MPA managers
- Regional course and follow-up
- Alternate English and Spanish
- 9 regional courses (in PA in Saba. Dom. Rep. (2) St. Lucia, Florida Keys (2), Mexico, Trinidad and Tobago, and Belize)
- ca 200 local training activities; with UN small grants.
- 1500 MPA practitioners trained
- 25 Caribbean countries and territories



2011 Training of Trainers Regional course (for the 8 islands for Caribbean Challenge Initiative)

- Hol Chan Marine Reserve
2-week on Sept, 2011
- Bahamas, Jamaica, A and B; SKN
SVG, Grenada, St Lucia; DR in 20
- 15 MPA managers and environmental/fisheries officers
(11 CC + 4Bel.)
- 3 instructors; 13 guest lecturers (MPA natl.
coordinator and site managers, fisheries officers;
NGOs; tour operators; MPA natl. fund , etc.)
- Local follow-up training underway (Nov-April)



2011 ToT results:

- Information, knowledge and experiences acquired on all aspects of MPA management
- Networking, transboundary projects and exchanges, and future training topics identified
- Slide shows, blogs, local and international press releases, and evening TV news (Belize)
- Videos of participants highlighting knowledge and skills gained during course



Small Grant Program “to promote MPA and fishing sust. practices, and alternative livelihoods”

- Managed by SPAW-Reg Activity Center, with CaMPAM and GCFI:

- 1-2 call for proposals/ year (\$8000-10,000)
- Proposals reviewed and selected rigorously (CaMPAM ET and partners)
- Fund source varies

Examples:

- Spawning aggregations management (Belize and Venezuela; fishers exchange)
- Community-based lobster fishing practices (Sian Ka'an Biosphere Reserve, México – Islas de San Blas, Panamá)

Small Grant Program “to promote MPA and fishing sust. practices, and alternative livelihoods”



Examples :

- Shrimp fishing (DR-Cuba).
- **Lionfish management (Belize, Bahamas)**
- Transferring resp. fishing practices (Grenada-S Lucia)
- **Flyingfishing training (US-Venezuela, Ven-DR)**

<http://www.gcfi.org/Initiatives/FisheriesForFishers/FisheriesForFishersEng.html>

Mid-size projects (US\$45,000) to the Caribbean Challenge Islands: **Natl MPA systems**

- Antigua and Barbuda- Strengthening the management of the MPA Network in A and B
- Dominican Republic- Standardization and optimization of existing MPA in DR focusing on increasing management effectiveness
- Grenada- Supporting the development of an effective natl. MPA structure in Grenada: from training wardens, managers and board members, to raising comm. awareness and developing alternative livelihood skills

Mid-size projects: nation-wide focus, education, tech. assistance for building infrastructure and plan framework



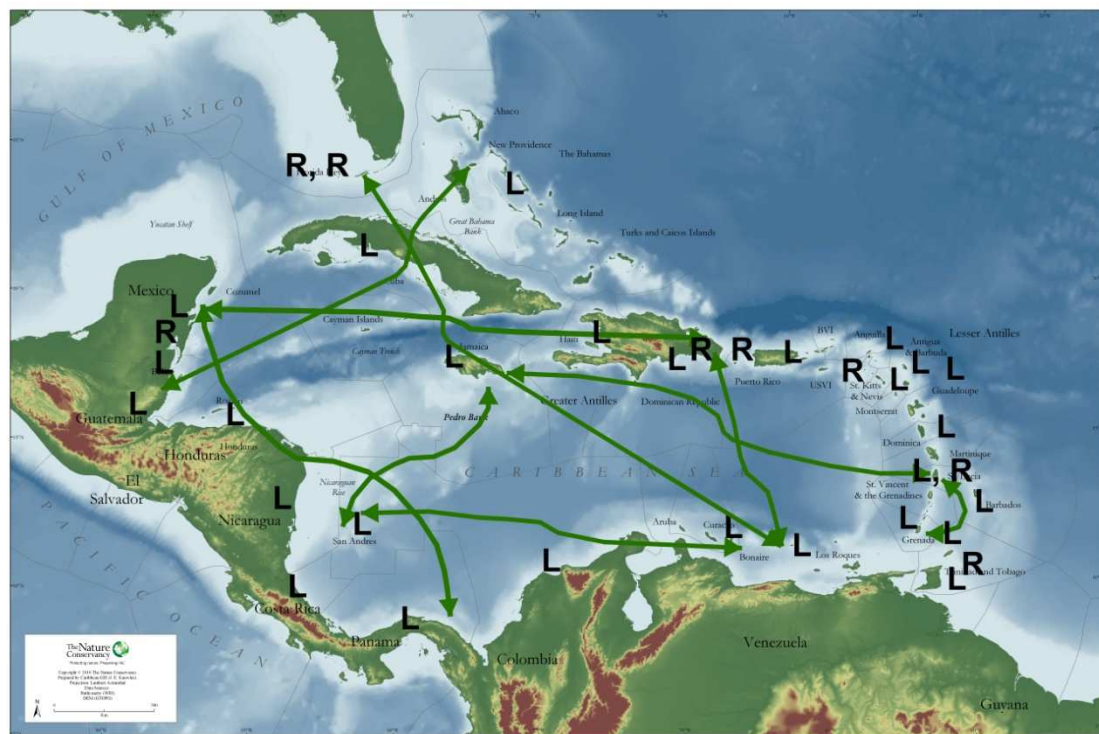
- St. Lucia– Training teachers to increase student awareness and understanding of the importance of MPAs
- St. Kitts and Nevis- Training on building infrastructure and development of a framework for the management of MPAs in St. Kitts and Nevis
- Jamaica- Training on installation and maint. of mooring buoys in the Palisadoes - Port Royal PA to increase management effectiveness

Mid-size projects: Site/subnational focus, management plan development



- The Bahamas- Development and effective management of MPAs in Abaco
- St. Vincent and the Grenadines- Marine park planning for the proposed South Coast Marine Park

Training the trainers, exchanges, support to sites, discussion fora (internet and conferences), database



(outdated)

R- Regional courses

L- Local follow-up training activities

Exchanges

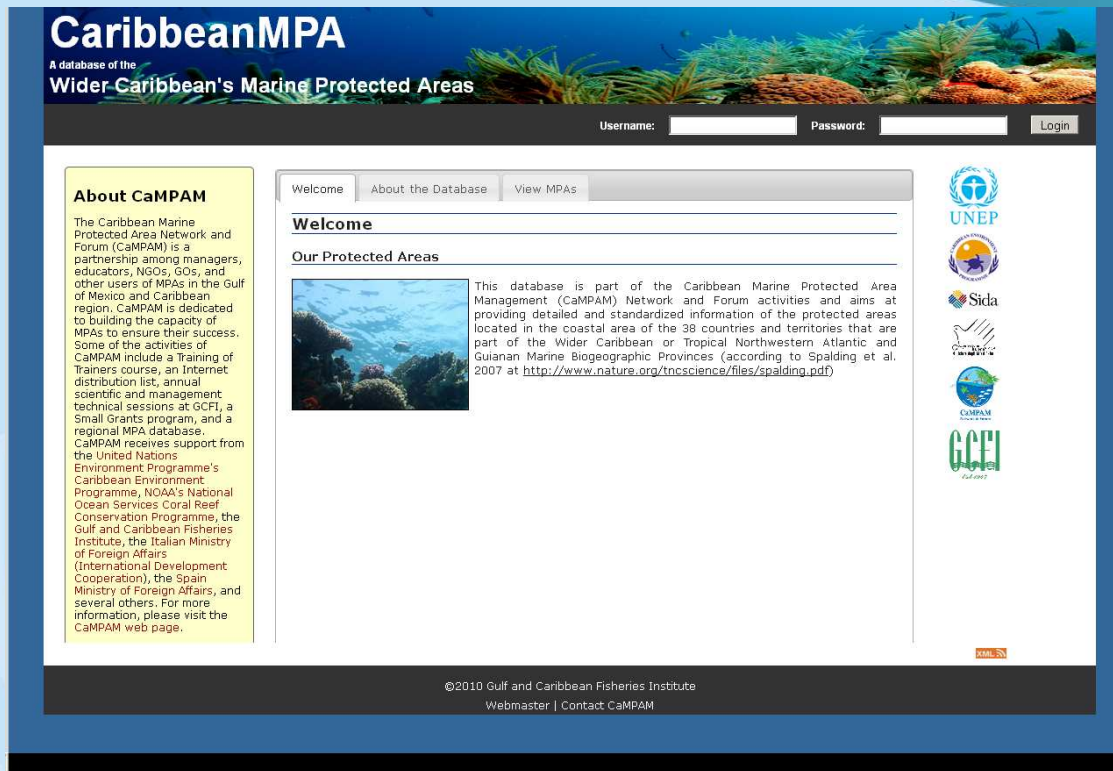
CaMPAM MPA database

(expand WDPA info)



60 fields
grouped into:

- Identity
- Biophysical
- Legal
- Management



Over 130 MPAs in searchable interactive application

CaribbeanMPA
A database of the
Wider Caribbean's Marine Protected Areas


















Username: Password:

Searchable

Search for an MPA:
Filter your view:
Country or Territory:
Ecoregion Location:
IUCN Category:
Designation:
Caribbean Challenge ☐

Welcome | About the Database | View MPAs

You may select an MPA from the list below to view, or you may use the search bar on the left side of the screen.

Country	Short Name	
Anguilla	Anguilla Island	
Anguilla	Blowing Point	
Anguilla	Corito Bay	
Anguilla	Crocus Bay	
Anguilla	Dog Island	
Anguilla	El Buen Consejo	
Anguilla	Little Bay	
Anguilla	Prickly Pear	
Anguilla	Sandy Island	
Anguilla	Scrub Island	
Anguilla	Seal Island	
Anguilla	Shoal Bay	
Anguilla	Sombren	
Anguilla	TestMPAS	
Antigua and Barbuda	Cades Ba	
Antigua and Barbuda	Codrington Lagoon	
Antigua and Barbuda	Darkwood	

GeospatialMAP Available

Output as PDF

Logos: UNEP, Caribbean Environment Programme, Sida, GEF, CAMPAM, GCEP

Website and Internet List and Forum



- Website <http://campam.gcfi.org/campam.php>
- E-library
- Internet List: 600 subscribers (MPA practitioners, scientists)
- Active dissemination of
 - Reports, publications emergent issues, vacancies, meetings; research information; debate.

GEF projects

- Regional (Antigua and Barbuda, Dominica, Grenada, St. Kitts and Nevis, St. Lucia, St. Vincent and Grenadines):
OECS – OPAAL (GEF-World Bank)
- Regional (Antigua and Barbuda, Grenada, St. Kitts and Nevis, St. Lucia, St. Vincent and Grenadines):
Sustainable Financing and Management of Eastern Caribbean Marine Ecosystems (GEF-World Bank)
- National focus: Bahamas, Dominican Republic , Haiti , Jamaica, Cuba, Colombia, Venezuela
(Establishment/improvement of Natl . PA Systems)



Elements of success....



- Based on a regional environmental policy (SPAW Protocol of the Cartagena Convention)
- A small number of combined training and communication tools;
- Engaging committed conservation scientists interested in reach out/contribute to management

Elements of success....



- Actively seeking and developing partnerships with local and regional institutions
- Respect for partners objectives and approaches;
- Working with fishers, and MPA and tourism managers
- Assisting alternative livelihood for fishers;
- Adapting to changing needs

Lessons, challenges....

- Strong partnerships with site, national and international organizations (be informed to ID opportunities and proactive in seeking cooperation)
- Managers are more qualified, better trained
- Business skills
 - Sustainable financing
 - Create local socioeconomic incentives
 - Microloans?

.....and a vision for the future



- Adapt to changing needs (biophysical and socioeconomic)
- Create a cadre of MPA management mentors to expedite dissemination of best management practices
- Working on sites is not enough, and developing a national system: transboundary coordination of ecologically connected/with shared resources sites

The picture for the future

- Training of trainers:
Emphasis in..

- Creating local incentives for effective and sustainable management
- Alternative livelihoods
- Training managers to be mentors/trainers

- Mentorship program

Expert managers tutor less mature managers (supervised job shading, visits, follow-up); demonstrative sites as **learning centers**

Better use of existing communication means and tools (videos, webinars, fora, established social networks,

