



2nd pre-session of the 9th SPAW STAC  
Virtual meeting  
March, 8th 2021

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## SPAW sub-program axe 5 : Preservation and sustainable use of coastal and marine ecosystems

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A stylized illustration of a sea turtle swimming in the ocean. The turtle is light blue with dark spots on its shell. The background is a gradient of blue, with white waves at the top and silhouettes of fish and coral reefs scattered throughout.

Sandrine Pivard, Director,  
Regional Activity Center for the SPAW Protocol (SPAW-RAC)



***The Cartagena Convention as a regional agreement addresses several different coastal & marine environmental threats affecting the countries of the Wider Caribbean Region. Adopted in 1983, Entered into force 1986***

***28 Parties***

### Pollution from Oil Spills



Adopted in 1983  
Entered into force in 1986  
25 Parties



### Specially Protected Areas & Wildlife (SPAW)



Adopted in 1990  
Entered into force in 2000  
17 Parties



### Land Based Sources and Activities of Marine Pollution (LBS)



Adopted in 1999  
Entered into force in 2010  
13 Parties



***The three Protocols to the Convention identify additional obligations for the protection and development of the Caribbean Sea and are supported by REGIONAL ACTIVITY CENTRES (RAC)***



# SPAW parties and sites





## Establishment and strengthening of MPAs

Ecosystem based management, spatial marine planning, networking



## Development of guidelines for the management of MPAs and species

Assessment and completion of the existing listings, develop cooperation between SPAW sites



## REGIONAL COOPERATION

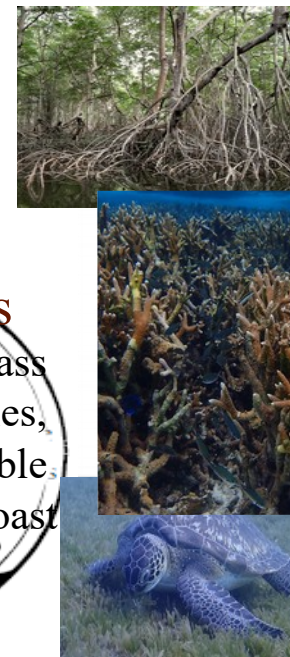
### Preservation of threatened and endangered species

Marine mammals, (CARI'MAM), turtles (WIDECASST), sharks, birds



### Preservation and sustainable use of coastal and marine ecosystems

Coral reefs mangroves, seagrass coastal resilience, invasive species, sargassum control, sustainable development, BEST and Carib-Coast





## GCRMN-Global :

- **Coordinate the data collection and analysis of the Caribbean content of the Global report** => share the unanimous observation: a diminution of corals and an increase of algae is observed. Exposed the following threats : Lionfish invasion, sargassum, upcoming of the SCTLD ...
- **Highlighted** => the need to take into account socioeconomic features in the next Global Report.

## GCRMN- Caribbean :

- **Integrated monitoring** => guidelines to better understand biophysics aspects of coral reefs in the Caribbean and provided keys for an efficient monitoring that takes into account socioeconomic features.
- **Improved data collection**, analysis and reporting/ link with AGGRA
- **Develop advocacy/ Ensuring liaise** with ICRI, UNEP Coral Reef Unit, CPC, NOAA (Post Hurricane effort, SCTLD, etc)
- **Looking for funding opportunities**

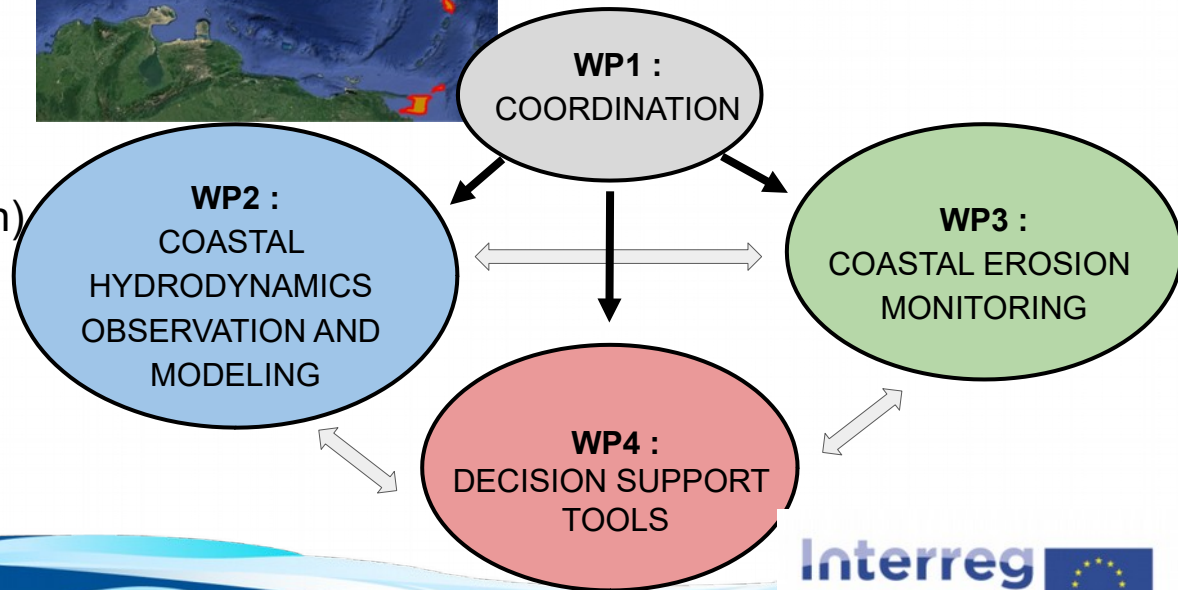
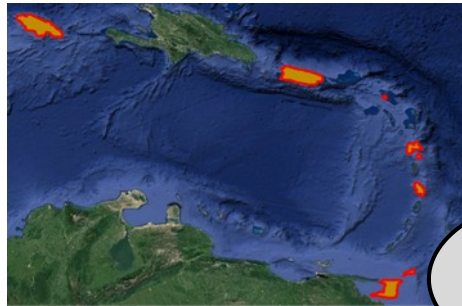




## CARIB-COAST

### Caribbean coastal risks prevention and monitoring network related with climate change

- Led by the french Geological and mining research bureau
- 6 Caribbean territories
- 11 Caribbean partners
- 3 years long (+1 year extension)
- Interreg Caribbean funds
- 3 021 890, 59 €





## Target: Marine and coastal ecosystems

- Coral Reefs, Seagrass beds, Mangroves, Upper beach vegetation -

- **Syntheses** on each ecosystem (status, trends, protection and/or restoration activities in the Caribbean)
- **Implementation of pilot sites**, to protect/restore each ecosystem in a specific area in the Caribbean
- Creation of **posters and awareness videos** about these ecosystems capacities regarding coastal protection





## GCRMN biophysical and SocMon Training Sessions in the Wider Caribbean Region

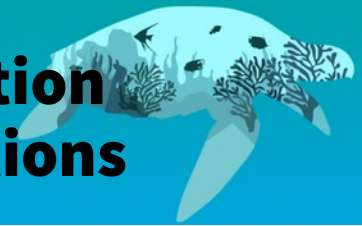
### Mesoamerica

- 2019 to 2020
- **2 training workshops**
- **5 days of training each**
- 2 trainers per topic
- Data collection during the WS to help local monitoring
- Due to the impossibility of organizing in-person meetings in due time, the award was rescinded, and the continuation of such as actions is for the moment postponed





# Parrot fish evaluation and recommendations



- ICRI General Meetings urged Caribbean nations to protect parrotfish to improve coral reef resilience, SPAW STAC8 (2018) recommended to address them as priority
- A STAC species working group dedicated to the task.
- Discussions underway to recommend 16 species of parrotfish in Annex III of the SPAW Protocol (sustainable management and possibly 3 of them (*Scarus coeruleus*, *S. guacamaia* and *S. coelestinus*) in Annex II
- The proposal goes with a large set of management recommendations among which :
  - Protection of parrotfish nursery habitats;
  - Maintenance of water quality;
  - Improved harvesting measures
  - stop investing public money in activities that fund overfishing, produce illegal, unreported, and unregulated (IUU) fishing, and degrade the ocean.

Recommendation on addressing the decline of herbivorous fish populations for improved coral community health throughout the Tropical Eastern Pacific, the Eastern and Western Atlantic, and the Greater Caribbean Region

adopted on December 2019, at the 34<sup>th</sup> ICRI General Meeting (Australia)

Recent studies have shown that coral-algal phase shifts, in which coral cover declines to low levels and is replaced by algae, challenge the management and survival of coral



**DRAFT**

BB: Please use the "Suggestion Mode"

Species Working Group (SWG)  
Task n° 2.2

Proposal for the inclusion of all parrotfishes (Perciformes: Scaridae) in Annex III of the Protocol on Specially Protected Areas and Wildlife in the Wider Caribbean Region of the Convention for the Protection and Development of the Marine Environment in the Wider Caribbean Region (SPAW Protocol)

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Framework to regulate the protection of herbivorous fish and coral reefs of the Greater Caribbean



- In order to support regional initiatives and stakeholders during this period, SPAW-RAC launched last year a call for proposals for small short-term grants (5,000 to 10,000 euros / 4 months to 1 year)
- 37 proposals have been received, most of them of high quality, and 15 have already been accepted in 2020

Name of the organization: **Department of Fisheries and Marine Resources**

Name of the project: **An investigation of the health of parrotfish nearshore coral reef habitats, parrotfish landings and population densities to inform management decisions.**



Total budget of the project: € 10,000.00

SPAW-RAC grant: € 7,000.00

Name of the organization: **Mangrove Maniacs**

Name of the project: **Workshop Mangrove Restoration**



Upload a picture or a message

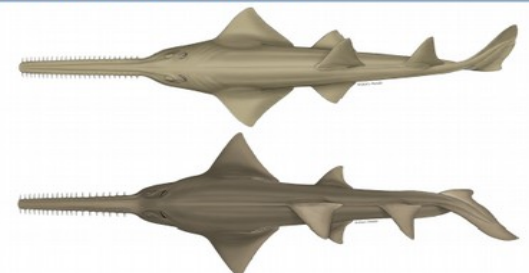


Total budget of the project: \$ 25,195

SPAW-RAC grant: € 9,000

Name of the organization: **Des Requins et Des Hommes**

Name of the project: **TIDENT**



**Call for proposals  
Short-term Small Grants  
- year 2020 -**

*Information note  
for the SPAW Protocole  
Scientific and Technical Advisory Committee*

Name of the organization: **Fragments of Hope**

Name of the project: **"Expanding Reef Replenishment Efforts with the Critically Endangered Caribbean Acroporid Corals to northern Belize"**

Name of the organization: **Kap Natirel**

Name of the project: **"Rékin-ADNe " Towards a standardized monitoring of chondrichthyan populations in the Caribbean by the eDNA method**



Name of the organization: **Parques Nacionales Naturales de Colombia**

Name of the project:  
**Restauracion de formaciones coralinas en el Parque Nacional Natural Old Providence McBean Lagoon-Caribe colombiano.**



Total budget of the project: 24,000 Euros

SPAW-RAC grant: 8,500 Euros

Timeframe for implementation: 1 de Mayo de 2021

**LOOKING FOR CO-FUNDERS  
TO REPLICATE OR UPSCALE  
with us**



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The floor is yours...

*SPAW-RAC*

*DEAL Guadeloupe*

*Site de Saint-Phy*

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*<https://www.car-spaw-rac.org/?Key-documents>*

**SPAW-RAC's activity report:**

- \* SPAW STAC9 UNEP(DEPI) CAR WG.42 INF.4 SPAW-RAC Activity Report 2019-2020 - EN

**SPAW-RAC 2020 Call for proposals:**

- \* SPAW STAC9 UNEP(DEPI)-CAR WG.42-INF.27-SPAW-RAC 2020 CALL FOR PROPOSALS - EN
- \* SPAW STAC9 UNEP(DEPI)-CAR WG.42-INF.27 SPAW-RAC 2020 CALL FOR PROPOSALS: Interim Reports (including feedbacks and lessons learned)-EN

**Terms of Reference of the SPAW STAC Ad Hoc Working Groups:**

- \* SPAW STAC9 UNEP(DEPI)CAR WG.42INF.12-2019\_STAC\_Working\_Groups\_ToRs\_en

**CARIB-COAST**

- \* SPAW STAC9 UNEP(DEPI)/CAR WG 42/INF.37 CARIB-COAST: AN INTERIM REPORT (January 2019 - December 2020) - EN

**GCRMN**

- \* SPAW STAC9 UNEP(DEPI)/CAR WG.42/INF.26 SUMMARY OF THE CARIBBEAN GLOBAL CORAL REEF MONITORING NETWORK (GCRMN) ACTIVITIES 2019 - 2020 - EN