

# Adaptive capacity for MPA Governance in the Eastern Caribbean

Follow-up Activity: Jan & Feb, 2012

**SIOBMPA Report**

**By Brian Whyte**



SIOBMPA >>

MPA Boundary

Theme:

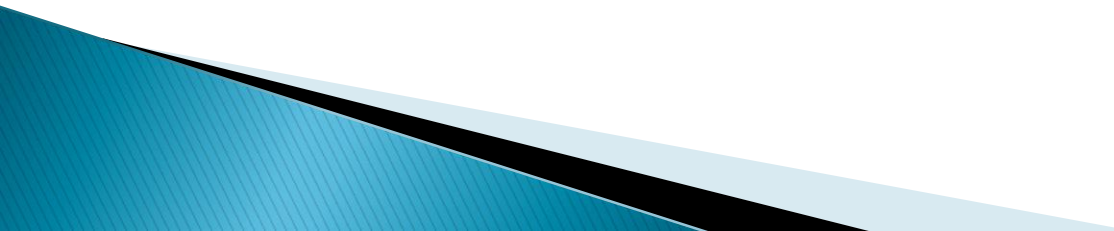
Developing a user base application

Title:

Strengthening MPA Management Decision  
Making Process



## Description of work done:

- Worked with relevant stakeholders re dive-shops, Water Taxi Association in collecting MPA visitation and user data.
  - Developed data-sheets as per data collection, processing and management of all users of the Park.
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## Collected data as per the following users:

Users:	Activity	Delegated to:	Objective
Vessels	Authorize Moorings Anchoring	Wardens	Eliminate treats to sea-grass beds and coral reef.
Divers	Authorize Diving Marine source	Dive Shops	Eliminate violation of Fisheries regulation. Increase livelihoods.
Sandy Is	Snorkeling & picnics	Water-Taxi	To eliminate over-visitation and inappropriate boating operation.
Oyster beds	Sightseeing	Wardens	Mangrove and habitat conservation.
All Users On Paradise & Lauriston Beaches		Wardens	Conserving shore line, mangrove & other beach vegetation as well as eliminating sand mining.
Fishers	Authorize fishing Unregulated fishing	Wardens	To eliminate destructive fishing practices and increase fish bio-mass

# Introduction

The purpose for conducting the activity:

- ❖ Monitoring uses of the Park
  - ❖ How stakeholders can be enlisted to provide monitoring support.
  - ❖ Users of Sandy Island Is for recreation and snorkeling.
  - ❖ Compliance with fishing regulations within the park.
  - ❖ Unregulated activities within the Oyster Bed Careenage.
  - ❖ Recreation and other activities on beaches
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# Users of The Park



# Fishermen»»

Bait Fishing





Divers >>

Three Dive shops using 6 Dive sites



## Meeting with Fishermen >>

Paradise Beach



Visiting the Oyster Bed >>





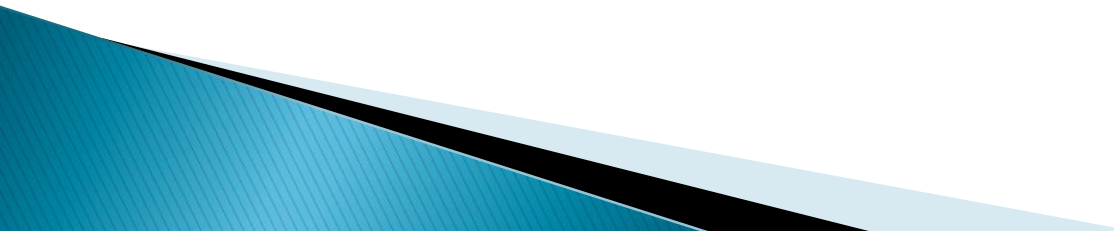
## Yachting >>

Sandy Island is a great Yacht stop



# Methodology

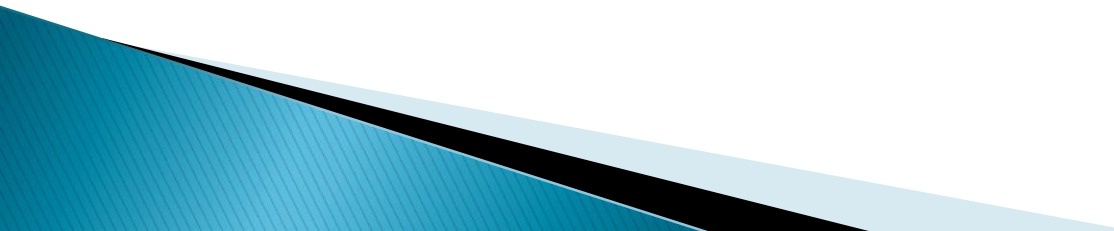
❖ Created 6 data-collecting sheets

- Fishing Activity
  - Visit to The Oyster Bed
  - Yachting
  - Recreation
  - Snorkeling
  - Diving
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# Methodology continue

- ❖ Other activity observed, but did not collect data on it:
  - Industrial transportation

# Methodology continue

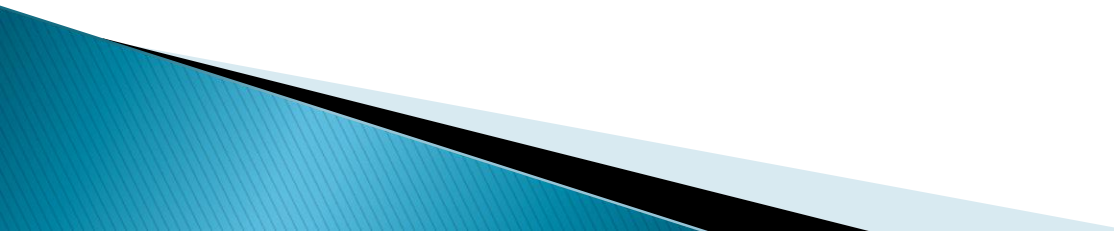
- ▶ Conducted interviews (one-on-one) with three dive shops. Succeeded in enlisting their support to collect and process data as well as submitting sheet at the end of the week.
  - ▶ Also, conducted interview with several water taxi operators. Three water-taxi personnel were employed to collect data. Compliance was satisfactory and sheets were submitted at the end of the period.
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# Methodology continue

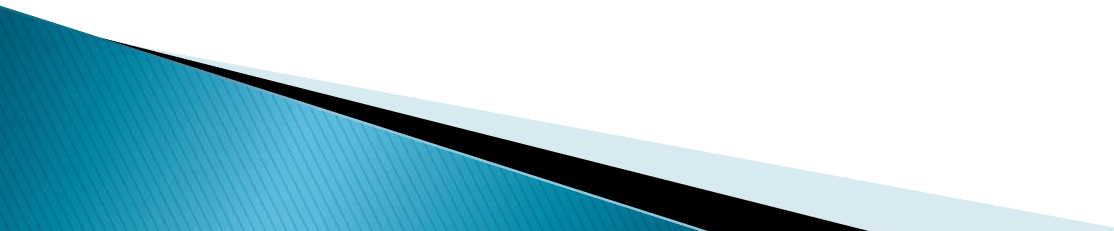
- ▶ MPA wardens collected data re:
  - Yachting
  - Recreation
  - Fishing
  - Visit to Oyster Bed



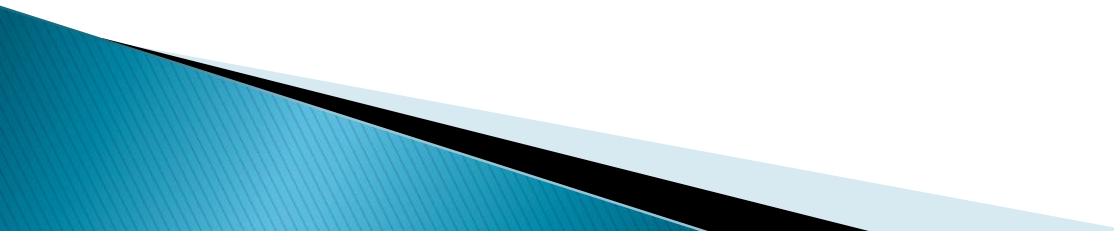
# Results

- ❖ Two weeks of data were collected
  - ❖ It was then summarized on a single sheet
  - ❖ It is included as appendix on an Excel sheet
  - ❖ Met with fishermen in MPA–Sat 18<sup>th</sup> Feb
  - ❖ Agree to meet and discuss/plan every Sat
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# Discussion/Observation

- ▶ Inability to meet with Water Taxi association as scheduled.
  - ▶ Association needs revitalizing. Majority of members interviewed stated that they stop go to meetings.
  - ▶ Did not meeting with divers as a unit. Busy schedule was given as the primary reason.
  - ▶ Evaluation meeting that was scheduled for Feb 16 at 4:00pm. Only two stakeholders attended. Reschedule for the next day was also unsuccessful. Carnival activities were considered the primary reasons.
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# Lessons Learnt

- ❖ Value of Collaboration and openness re Dive shops, water-taxi, fishermen
  - ❖ Learning -by-doing: Found a better way to meet with fishermen
  - ❖ Community use of resource– willingness to implement
  - ❖ Building Resilience –willingness to protect eco-system as first response to climate change.
  - ❖ Adaptive management to meet on terms with fishermen.
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# References

- ▶ Management Plan p 74–objectivities 7&9.
  - ▶ Management Plan p75 –objectives 10–13.
  - ▶ CERMES Governance project document
  - ▶ CERMES Governance Project Flyer.
  - ▶ NOAA Coral Reef Conservation Program(CRCP)–  
International Strategy 2010–2015
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