



A network for learning among Caribbean marine resource managers Photos: P. Etienne, D. Baker, E. Doyle

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Photos: D. Baker

A network for learning among Caribbean marine resource managers

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1. Clarify understanding of site-specific fisheries management goals
2. Determine programmatic capacity needed for:
 - Management action
 - Monitoring/assessment



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Alejandro Acosta PhD.
Fisheries Biologist
Research Administrator

Team leader for the Finfish Program
 Florida Fish and Wildlife Conservation Commission,
 Fish Wildlife Research Institute/S. FL. Regional Lab.

Research Interests: How to meet current and anticipated fisheries management needs ranging in scale from individual species to entire ecosystems.

Current research: Spatial and temporal interactions between fish, fisheries, coastal habitats and marine protected areas. Habitat use and fine scale movements for grouper, snappers, lionfish and hogfish. Ecology and management of grouper and snapper spawning aggregations, fisheries independent sampling of reef fisheries.

Florida Fish and Wildlife Conservation Commission

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Dr. Eloy Sosa-Cordero
 Investigador Asociado / Associated scientist
 El Colegio de la Frontera Sur (ECOSUR)
 Chetumal, Quintana Roo, MX / Mexican Caribbean





- Pesquerías artesanales, énfasis en langosta y meros
 Artisanal fisheries, mostly spiny lobster and groupers
- Monitoreo, evaluación y manejo de recursos pesqueros
 Monitoring, stock assessment and resource management
- Estadística aplicada en Ecología/Statistical tools in ecology
- Grupo de especialistas en Meros y Lábridos, IUCN
 Grouper and Wrasse Specialist Group, IUCN

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Dr. Ron Hill
Branch Chief (acting)
Research Fishery Biologist



Fishery Ecology Branch
 Southeast Fisheries Science Center (SEFSC) - Galveston
 National Oceanic and Atmospheric Administration (NOAA)
 National Marine Fisheries Service (NMFS)
 U.S. Department of Commerce

Research Interests: Coral reef ecosystems and fisheries (habitats and ecological productivity, reef fish ecology, queen conch ecology, fishery independent monitoring - fish, conch and corals)

Recent Research: Effectiveness of escape vents in fish traps, abundance, distribution and movements of queen conch, and dynamics of grouper spawning aggregations

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MPA connect topics - areas - working groups

Topics
 Reef fish assemblages
 Herbivorous reef fish
 Fish spawning aggregations
 Lobster
 Conch

Areas
 Importance to Caribbean coral reefs
 Management approaches
 Assessment methods



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MPA connect 'MPAConnect - deluxe'

NOAA MPAConnect Team
 Dana Wusinich-Mendez
 Scot Frew
 Jason Phillibotte

MPAConnect Mentors
 Celia Mahung
 Shane Young

Behind the Scenes
 Bob Glazer
 Patricia Kramer
 Pete Mumby
 Jason Flower
 Will Heyman

Working Group Helpers
 Scot Frew
 Pieter van Baren
 David Gill
 Yoeri de Vries

Fisher Advisors
 Martin De Lanoy
 Saban fishers



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Sustainable fisheries and marine protected areas in the Caribbean
 Facts - Myths - Uncertainties - Trends in monitoring, management and community involvement

Eugenius Johnson Centre
 Please join us to hear more and share the science from 10 countries/territories.

Tuesday September 10, 2019
 8:30-10:00 am
 10:30-12:00 pm
 2:00-5:00 pm
 6:00-8:00 pm

Wednesday September 11, 2019
 8:30-10:00 am
 10:30-12:00 pm
 2:00-5:00 pm
 6:00-8:00 pm

After 10:00 am
 Special program for users to learn about the science of reefs

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MPA connect fisheries management @your MPA



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MPA connect fisheries management @your MPA

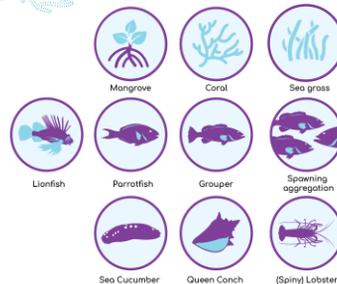
- Habitats and key species present in the MPA
- Predominant currents
- Connectivity to other areas (confirmed or suspected)
- Major fishery related uses
- What's not allowed

1. How does my MPA support healthy fisheries in my country?
2. What are the fisheries management goals of my MPA?
3. What are my MPA's current approaches to fisheries management?
4. What are my MPA's current approaches to fisheries assessment and monitoring?
5. What are challenges for achieving fisheries management related goals and objectives at my MPA?



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MPA connect



FISHERIES MANAGEMENT APPROACH
MANAGE FISHING EFFORT
LIMIT CATCH
SIZE, GEAR RESTRICTIONS
AREA CLOSURES
TEMPORAL CLOSURES
TRADITIONAL OR OTHER STEWARDSHIP
INCENTIVES
ECOSYSTEM-BASED MANAGEMENT
OTHER



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