



Marine Resource Education Program Southeast
Caribbean Initiative
(Draft) Workshop Agenda
Puerto Rico, October 14 – 16, 2014



Day 1. Science Workshop

- 8:00 – 8:30 MREP Program Overview & Introductions
(Ice breaker question, moderator: ?)
- 8:30am – 9:45am Oceanography ([Mandy Karnauskas, SEFSC](#))
- Stories
 - Global atmospheric and oceanic circulation
 - Nutrient cycling
 - Recruitment
- 10:00am – 11:00am Essential Fish Habitats ([Graciela, CFMC](#))
- Rivers
 - Estuaries
 - Mangroves
 - Sea grass beds
 - Coral Reefs
- 11:15am – 12:00 Fishery Biology 101 ([Noemi, DNER](#))
- Life cycles
 - Migrations
 - Age, size, reproduction
- 12:00 – 1:00 Lunch/network
- 1:00pm – 2:15pm Hands on activity ([Noemi, DNER](#))
- Wet lab: otolith and scale collection, sexual maturity, spawning.
 - Activity: determine the age of a fish.
- 2:30pm – 3:45pm Data Collection
- Recreational fisheries data collection ([Meaghan, Mandy, Adyan](#))
 - Commercial fisheries data collection ([Daniel Matos](#))
- 4:00pm – 4:30pm Electronic Data Reporting Overview ([Daniel Matos](#))
- 4:30pm – 5:00pm Panel discussion.



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Day 2. Management Workshop

- 8:00am – 9:30am Stock Assessment ([Meaghan, Mandy, Adyan](#))
- a. Theoretical background (where MSY, OFL, ABC, ACL, etc. come from)
 - b. Mathematical exercise
- 10:00am – 11:30am The role of science in management ([Miguel Lugo](#))
- 1. How science is used in developing FMPs
 - 2. Dealing with uncertainty
 - 3. Best available science vs. best possible science
- 8:00am – 10:00am Fishery Management Council Structure and Process ([Miguel Lugo](#))
- 1. Magnuson-Stevens Fishery Conservation and Management Act
 - 2. Overview of Regional Council System
 - 3. Caribbean Fishery Management Council: Role, Structure/membership
 - 4. What is a fishery management plan and how are they developed
 - 5. Management methods (seasonal closures, size, catch limits, etc.)
- Lunch
- 11:30am – 12:00am How to get involved ([Marco Hanke](#))
- 1. Meetings you can attend and participate in (Council meetings, scoping meetings, public hearings, advisory panels)
 - 2. Sources of information
- 1:00pm – 2:00pm Council set up and Robert's Rule's – Overview ([Carlos Farchette](#))
- 2:00pm – 3:30pm Activity – Mock Council Meeting, with time for networking to learn
- 3:30pm – 4:00pm Debrief/Panel discussion

Commented [AD1]: NEED TO DISCUSS



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Day 3. Law Enforcement Workshop

- 8:00 – 9:00 Morning Reflection and Discussion
Questions answered, clarify prior day's materials, discuss
- 9:00am – 10:30am Fishery Regulations
1. State ([Jesus Leon](#), [Kelvin Serrano](#))
 2. Federal (including HMS) ([Lynn Rios](#))
- 10:30 Break
- 11:00am – 12:30pm Law Enforcement Agencies – Jurisdictions, Responsibilities and Obligations.
1. DNER Navigation Commission ([Alex Alvarado](#))
 2. U.S. Coast Guard
 3. DNER Ranger Corp ([Com. Angel Cruz](#))
- 12:30 – 1:30 Lunch
- 1:30am – 3:00pm Law Enforcement Agencies (Continued)
1. DNER Navigation Commission ([Alex Alvarado](#))
 2. U.S. Coast Guard
- 3:00 pm Wrap-Up Discussion
Workshop evaluation and take home notes.
- 3:30 Closure.