

# U.S. CARIBBEAN REGIONAL FISHERIES WORKSHOP

## *Appendix 1: Agenda*

Monday, September 30

8:30 Introduction to the Workshop (Dr. Dail Brown, Office of Habitat Conservation, NOAA Fisheries)  
Welcome from the Caribbean Fishery Management Council (Mr. Virdin Brown, Chairman)  
Welcome/Introduction to Day's Themes (Dr. Salvador Salas Quintana, Secretary of the Department of Natural and Environmental Resources of the Commonwealth of Puerto Rico)

8:50 Introduction to **Session 1: Coral Reef Fisheries Uses in Puerto Rico and the U.S. Virgin Islands**, Mr. Ernesto Díaz, Director, Coastal Zone Management Program, PRDNER  
*The Coral Reef Fisheries Session provided an overall introduction to the state of commercial, recreational and artisanal fisheries in the U.S. Caribbean; their value to communities and the territories; their contribution to the degradation of reefs; gaps in knowledge; and major challenges to management.*

9:00 - 10:40 Speakers (20 minutes each)

- 1) **Dr. Craig Lileystrom**, Director of Fisheries, PRDNER- Recreational fishery statistics of coral reef fisheries
- 2) **Dr. Barbara Kojis**, Director of Fish and Wildlife, DPNR of USVI - Commercial and recreational fishery uses in USVI
- 3) **Dr. Juan Agar**, NOAA Fisheries - Socio-economics of coral reef fisheries of the U.S. Caribbean
- 4) **Mr. Daniel Matos**, Fisheries Laboratory, PRDNER - Puerto Rico's commercial fishing statistics
- 5) **Dr. Ernesto Otero**, Professor of Marine Sciences, UPRM - Impacts of recreational boats in the reef area on seagrass and coral

10:40 - 10:55 **Break**

10:55 - 12:00 Panel - Response, Recommendations, and Discussion

Panelists had approximately five minutes each to give their perspective and offer their top recommendation for priority action over the next three years to address fisheries in the U.S. Caribbean. A panelist and speaker discussion on priorities with the audience followed.

- 1) **Dr. Andy Bruckner**, Protected Resources Division, NOAA Fisheries - The unique challenges of the ornamental coral reef fisheries in Puerto Rico
- 2) **Mr. Gary Rogers**, Aquatic Exports – Perspectives of an ornamental fish collector
- 3) **Mr. Efraín Figueroa**, Efra Visuals - Diving industry and impacts on coral communities
- 4) **Mr. Julio Ilarraza Rodríguez** – Perspectives of a tiger grouper fisherman from Vieques

*(40 minutes for discussion)*

12:00 - 1:00 **Lunch**

- 1:00 - 1:10 Introduction to **Session 2: Caribbean Coral Reef Fisheries in the Context of Marine Management** Mr. Bill Rohring, Coastal Zone Management Program, DPNR of USVI  
*The Coral Reef Fisheries and Marine Management Session explored how fisheries fit in the larger context of coral reef management. Of special interest is the link between marine protected area management and fisheries and the implementation of no-take reserves.*
- 1:10 - 2:30 Speakers (20 minutes each)
- ▶ **Dr. Edwin Hernández**, Biology Department, UPR – Level of impact/success the no take zone in the Culebra Reserve has had on the target fish populations
  - ▶ **Mr. Nicholas Drayton**, The Ocean Conservancy, USVI - Fishery issues in the implementation of the St. Croix East End MPA
  - ▶ **Dr. Jorge (Reni) García**, Marine Sciences, UPRM - MPA formation and community-based management efforts in Puerto Rico: Turromote case study
  - ▶ **Dr. Ron Hill**, NOAA Fisheries - Impacts of fishing on coral reef habitats
- 2:30 - 2:45 **Break**
- 2:45 - 3:40 Panel - Response, Recommendations, and Discussion  
Panelists had approximately five minutes each to give their perspective and offer their top recommendation for priority action over the next three years to address the link between fisheries and broader coral reef management strategies, such as MPAs. There was a panelist and speaker discussion with the audience on priorities following presentations.
- 1) **Dr. Patrick McConney**, CERMES Barbados — Community based management in St. Lucia
  - 2) **Dr. Richard Appeldoorn**, Marine Sciences, UPRM - Historical perspective of fishing in coral reefs in Puerto Rico and fishing gear impacts on coral reef resources
  - 3) **Dr. Richard Nemeth**, Center for Marine & Environmental Studies, UVI - Coral reef management recommendations for the Caribbean, based on research findings
  - 4) **Mr. Billy Causey**, Florida Keys National Marine Sanctuary - Successful management strategies for the Florida Keys and overcoming the most important management challenges
- 40 minute discussion*
- 3:40 – 3:55 **Break**
- 3:55 - 5:00 **Break out sessions - Priority Actions for addressing threats**
- Overfishing  
Habitat impacts of fisheries  
Aquarium trade
- 5:00 - 5:45 Reports from Break out sessions

## **Evening - Reception**

## ***Tuesday, October 1<sup>st</sup>, 2002***

8:30 Welcome/Highlights from Day 1 (Dr. Manuel Valdés Pizzini, Director, Puerto Rico Sea Grant College Program)  
Introduction to Day's Themes

8:50 Introduction to **Session 3: Coral Reef Fisheries Enforcement and Regulations**  
Cmdt. Harold Busigó, Ranger Corps, PRDNER  
*The Coral Reef Fisheries Regulation and Enforcement Session explored the challenges facing the regulation of coral reef fisheries in each jurisdiction and provided recommendations for ways in which new regulations might assist management. The session also assessed the state of fisheries enforcement and identified additional enforcement needs.*

9:00 - 10:40 Speakers (20 minutes each)

- 1) **Ms. Aida Rosario**, Director of Fisheries Laboratory, PRDNER - Revisions of Puerto Rico's coral reef fisheries regulations
- 2) **Ms. Lucia Roberts Francis**, Director of Enforcement Division, DPNR of USVI - USVI coral reef fisheries regulations
- 3) **Ms. Karen Raine**, Office of General Counsel, NOAA Fisheries - MPA designation process from a legal standpoint
- 4) **Srgt. Edgar Vega**, Maritime Enforcement Division, PRDNER- Puerto Rico's coral reef fisheries enforcement program
- 5) **Mr. Gerson (Nickey) Martínez**, Chairman, St. Croix Fisheries Council. - Discussion of fishermen's proposed fishery regulations for St. Croix

10:40 - 10:55 **Break**

10:55 - 12:00 Panel - Response, Recommendations, and Discussion  
Panelists had approximately five minutes each to give their perspective and offer their top recommendation for priority action over the next three years to improve coral reef fisheries regulations and enforcement. There was a panelist and speaker discussion with the audience following.

- 1) **Ms. Julita de León** – Legal Counsel, DPNR of USVI - Legal processes for passing a conservation law or plan for coral reef ecosystems
- 2) **Ms. Sylvia Spalding**, Marine Aquarium Council - Alternatives to ornamental fish trade regulations by way of voluntary programs for collection compliance procedures for certification
- 3) **Mr. Jorge Picón**, Enforcement Division, USFWS- International cooperation for enforcement

*50 minute discussion*

12:00 - 1:00 **Lunch**

1:00 - 1:10 Introduction to **Session 4: Coral Reef Fisheries Education and Outreach**, Mr. Ruperto Chaparro, Associate Director, Puerto Rico Sea Grant College Program  
*This Session explored how education and outreach can contribute to the improved management of coral reef fisheries. What can be the role of schools, management agencies, NGOs, the National Park Service, and Sea Grant?*

1:10 - 2:50 Speakers (20 minutes each)

- 1) **Ms. Aileen Velazco**, Education and Outreach Coordinator, PRDNER - Puerto Rico's DNER Education and Outreach Program
- 2) **Dr. Manuel Valdés Pizzini**, Director, Puerto Rico Sea Grant College Program - Sea Grant education and outreach efforts
- 3) **Ms. Mayra Suárez**, Sea Grant, UVI - Education and outreach on coral reef fisheries issues in USVI
- 4) **Mr. Antonio Ortíz**, Caborrojeños Pro Salud y Ambiente, Inc. - Coral farm project and the NGO activities with the public

2:50 - 3:50 Panel - Response, Recommendations, and Discussion

Panelists had approximately five minutes each to give their perspective and offer their top recommendation for priority action over the next three years to improve the impact of education and outreach on coral reef fisheries. There was a panelist and speaker discussion with the audience followed.

- 1) **Ms. Dorothei Santiago**, Comité Vecinos de La Parguera- Recommendations on how to approach and educate local fishermen
- 2) **Ms. Mary Ann Lucking**, Coralations, Inc. - Legal aspects of coastal development that impact coral reefs
- 3) **Dr. Ken Lindeman**, Environmental Defense – Productive Collaborations between fishermen and scientists in the Northern Caribbean
- 4) **Ms. Raquel Seybert**, The Nature Conservancy, USVI – The Nature Conservancy strategy

*40 minute discussion*

3:50 - 4:10 **Break**

4:10 - 5:30 Summary and Discussion of Workshop Recommendations to the U.S. Coral Reef Task Force, **Mr. Bill Rohring**, DPNR of USVI, and **Ms. Damaris Delgado**, PRDNER

**U.S. CARIBBEAN REGIONAL FISHERIES WORKSHOP**  
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