

<u>Day 1</u>	<u>#mins</u>	<u>Speaker(s) / Affiliation / Title</u>	<u>Presentation Title</u>	<u>General Topic</u>
Monday, May 20				
1:00 PM	5	INTRODUCTIONS (Mueller)		
	15	Steve Bortone, GMFMC Exec. Dir	<i>The Importance of Being Coral: (from a Fisheries Perspective) + thoughts on management of Gulf corals & associated fisheries</i>	Purpose
	15	C. Simmons/A. Collins/R. Ruzicka/, GMFMC/FWRI--Deputy ED/Coral Manager/Asst. Res. Sci.	<i>Distribution and Diversity of Coral Reefs and Associated Fisheries in the Gulf of Mexico</i>	Distribution
	15	GP Schmahl, Flower Garden Banks NMS--Superintendent	<i>Coral reefs and coral communities of the northwestern Gulf of Mexico, and the use of managed areas for resource protection</i>	Management
	15	Jerry Ault, U. Miami RSMAS--Professor	<i>Stock assessment in Data Poor Situations: Length-Based Approaches for Coral Reef Fisheries</i>	Management
	12	Jennifer Moore, NMFS PRD SERO--ESA Coral Coordinator	<i>Status of Gulf/Caribbean/Atlantic Corals Proposed for Listing under the ESA</i>	Management
	12	Graciela Garcia-Moliner, Carib. FMC--Habitat & Fishery Mgmt. Plan Specialist	<i>Management of reef fisheries in the Caribbean</i>	Management
	12	Anna Martin, South Atlantic FMC--Fishery Biologist	<i>Council perspectives on the implementation of coral protected areas</i>	Management
BREAK 3:00 PM	15			
	12	Marlowe Sabater, Western Pacific FMC--Marine Ecosystem Scientist	<i>Application of the Catch-MSY Approach in Specifying Annual Catch Limits for Coral Reef Fishes in the Western Pacific Region</i>	Management
	15	Tom Hourigan, NMFS OHC--Chief Scientist DSC Research & Technology	<i>The management of fishing impacts on DSC habitats in the context of national & international DSC research and management</i>	Management
	35	DISCUSSION PANEL--Management Needs (Bortone, Ruzicka, Schmahl, Ault, Moliner, Martin, Moore, Hourigan, Sabater). MODERATOR--Carrie Simmons		Management
4:30 PM	45	Peter Sale, United Nations Univ. INWEH--Asst. Director	<i>Tipping, sliding, or doing just fine – the possible futures for coral reef fisheries</i>	Plenary
SOCIAL				

<u>Day 2</u>	<u>#mins</u>	<u>Speaker(s) / Affiliation / Title</u>	<u>Presentation Title</u>	<u>Topic</u>
Tuesday, May 21				
8:30 AM	25	Peter Mumby, U. Queensland, ARC Centre Professor	<i>1) Managing parrotfish to maintain coral reef function 2) Effects of fishing on coral reefs' ability to continue accreting under climate change</i>	Critical Linkages
	15	John Ogden, Univ. South Florida--Professor Emeritus	<i>Interaction of coral reefs, seagrasses and mangroves in the coastal seascape of the Wider Caribbean Sea</i>	Critical Linkages
	15	Mark Hay, Georgia Tech--Teasley Professor of Environ. Biology	<i>Fishing, reef herbivores, seaweed-coral interactions, and the sustainability of coral reefs</i>	Critical Linkages
	15	Richard Appeldoorn, U. Puerto Rico--Puerto Rico	<i>Habitat shifts and ontogenetic migrations of herbivorous reef fishes: from mangroves to the mesophotic</i>	Critical Linkages
	15	Andrew David, NMFS SEFSC--Research Fishery Biologist	<i>Results of NOAA Fisheries research on Northern Gulf of Mexico MPAs</i>	Critical Linkages
<i>BREAK</i> 10:15 AM	15			
	30	Mark Hixon, U. Hawai'i--Professor	<i>Effects of Coral Bleaching on Reef Fishes in the Bahamas + Lionfish status update</i>	Threats
	15	Barbara Muhling, U. Miami/NMFS SEFSC--Associate Scientist	<i>Management & conservation of fisheries, coral & marine resources in the GoM and Caribbean Sea under future climate change scenarios</i>	Threats / Management
	12	Erinn Muller, Mote Marine Lab--Postdoctoral Fellow	<i>Effects of ocean acidification, climate change and oil on coral reef health and disease</i>	Threats
	12	Virginia Garrison, USGS--Research Ecologist	<i>Disease on coral reefs - what we think we know in 2013; sediment pollution</i>	Threats
	12	Kim Ritchie, Mote Marine Lab--Senior Scientist	<i>Toxicity of Deepwater Horizon oil and dispersant on Caribbean coral larvae</i>	Threats
<i>LUNCH</i> 12:00-1:00	60			

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Tuesday, May 21				
	45	DISCUSSION PANEL--Threats & Responses (Mumby, Hixon, Muhling, Ritchie, Murawski). MODERATOR: Walt Jaap		Threats
	25	Tom Hourigan, NMFS OHC--Chief Scientist DSC Research & Technology	<i>Recent findings about DSC in the GoMx & fisheries interactions with deep-sea corals in the GoMx & beyond (slides for Etnoyer & Quattrini)</i>	Deep Sea Coral
	15	John Reed, FAU-Harbor Branch--Research Scientist/Professor	<i>Deepwater reefs and the shelf-edge mesophotic reefs off Florida (Straits of Florida and GOM)</i>	Deep Sea / Mesophotic
	15	BREAK 2:45 PM		
	15	Steve Ross, UNCW--Research Associate Professor	<i>Deep-sea Reefs and Fishes in the Gulf of Mexico: Habitat Usage and Potential Fisheries</i>	Deep Sea Coral
	15	Sandra Brooke, Florida State Univ.--Associate Research Faculty	<i>Distribution of deep coral reefs in the Gulf of Mexico and priorities for conservation</i>	Deep Sea Coral
	12	Robert Cowen, U. Miami RSMAS--Professor	<i>Understanding Coral Ecosystem Connectivity in the Gulf of Mexico--Pulley Ridge to the Florida Keys</i>	Mesophotic / Shallow
	30	DISCUSSION PANEL--Deep Sea / Mesophotic Coral Research & Management Needs (Hourigan, Ross, Brooke, Reed, Martin, Cowen). MODERATOR: Steve Ross		Deep Sea & Mesophotic / Management
SOCIAL				

<u>Day 3</u>	<u>#mins</u>	<u>Speaker(s)/Affiliation/Title</u>	<u>Presentation Title</u>	<u>Topic</u>
Wednesday, May 22				
8:30 AM	20	Simon Pittman, U. Virgin Islands / NOAA--Landscape Ecologist	<i>Spatial predictive mapping of fish distributions and diversity</i>	Spatial Ecology
	20	David Naar, Univ. South Florida--Associate Professor	<i>A full summary of the past decade of seafloor mapping done throughout Florida</i>	Spatial Ecology
	15	Mark Mueller & John Froeschke, GMFMC--GIS Analyst & Fishery Biologist-Statistician	<i>Progressing from data to information: incorporating GIS into spatial analysis & management of Gulf coral and fisheries resources</i>	Spatial Ecology / Management
<i>BREAK</i> 10:00 AM	15			
	20	Andrew Shepard, GoM Univ. Research Collaborative--Director	<i>Disaster recovery: how do we restore ocean EFH?</i>	Consequences
	20	Steve Murawski, Univ. South Florida--Professor	<i>Impacts of Deepwater Horizon on Gulf of Mexico Reef Fishes: What we know and what we need to know</i>	Consequences
	20	Rachel Turner, FORCE Project, Univ. West Indies--Research Associate	<i>Reef management in a changing environment: livelihood responses and governance challenges</i>	Consequences
<i>LUNCH</i> 11:30-12:30	60			
	12	Mark Hixon, U. Hawai'i--Professor	<i>Fish Colonization of Coral vs Artificial Reefs</i>	Critical Linkages / Mitigation
	25	Paul Sammarco, Louisiana Universities Marine Consortium--Professo	<i>1) Coral community development on offshore platforms in the GoM: What we now know 2) A new, aggressive, invasive coral in the GoM: Shoot or Don't Shoot?</i>	Critical Linkages / Mitigation
	10	Virginia Garrison, USGS--Research Ecologist	<i>Coral transplant following storms</i>	Mitigation
	20	Ken Nedimyer, Coral Restoration Foundation--President	<i>Enhancing Essential Fish Habitat through Acroporid Coral Restoration Projects</i>	Mitigation
	20	DISCUSSION PANEL--Mitigation (Hixon, Sammarco, Garrison, Nedimyer). MODERATOR: Steve Bortone		Mitigation
<i>BREAK</i> 2:15 PM	15			
	45	DISCUSSION PANEL--Future Research Needs & Directions (Sale, Bortone, Shepard, Murawski, Ogden, Hixon, Hourigan). MODERATOR: Andy Shepard		Future Research
	10	WRAPUP / BOOK Q&A (Bortone)		