

Program Agenda

Meeting room locations are indicated at the end of events when applicable
 [example: "...[Meeting Room 4]"]

Abstract page numbers are indicated at the end of listings when applicable
 [example: "...(p. 2)"]

Monday, December 8, 2008

5:00pm-8:00pm **Welcome Social, Registration Opens & Poster Presenters Set-up Displays**

Tuesday, December 9, 2008

7:15am-5:00pm Registration Office Open and Posters on Display

7:15am-8:00am Early Morning Refreshments

8:00am-8:10am **Welcome and Official Opening** — *Carol Mitchell*, Co-Chair, Florida Bay Program Management Committee (PMC) and, Deputy Director for Science, South Florida Natural Resources Center, SFEO, Everglades National Park, Homestead, FL

8:10am-9:40am Session I – Potential Climate Change Impacts on Florida Bay and their Implications for Resource Managers

MODERATOR: *Carol Mitchell*, Everglades National Park, Homestead, FL

8:10am-8:30am **Florida Bay Resource Management Needs and Information for Resource Managers**— *Dave Hallac*, Everglades National Park, Homestead, FL

8:30am-8:50am **Climate Change Implications for Management of Chesapeake Bay** — *Bill Boicourt*, University of Maryland Center for Environmental Science, Horn Point Laboratory, Cambridge, MD

8:50am-9:10am **Florida’s Wildlife: On the Front Line of Climate Change** — *Chuck Collins*, Florida Fish and Wildlife Conservation Commission, West Pam Beach, FL

9:10am-9:30am **Climate Change Implications for Management of Florida Bay** — *Carol Mitchell*, National Park Service (NPS), Everglades National Park

9:30am-9:40am Discussion Panel with Speakers

9:40am-10:00am Refreshment Break & Networking

10:00am-12:30pm Session II – Synthesis Presentations

MODERATOR: *Susan Markley*, Miami-Dade DERM, Miami, FL

10:00am-10:10am **Opening Remarks and Session Overview by Moderator**

10:10am-10:30am **Ecosystem History** — *Lynn Wingard*, US Geological Survey, Reston, VA(p. 9)

10:30am-10:50am **Physical Processes** — *Peter Ortner*, NOAA/AOML, Miami, FL.....(p. 34)

10:50am-11:10am **Nutrient Dynamics/Algal Blooms** — *David Rudnick*, South Florida Water Management District, West Palm Beach, FL.....(p. 29)

11:10am-11:30am **Benthic Habitats** — *Michael Durako*, University of North Carolina, Wilmington, NC.....(p. 5)

11:30am-11:50am **Higher Trophic Levels** — *Joan Browder*, NOAA Fisheries, Miami, FL.....(p. 15)

11:50am-12:10pm **Mangrove Transition Zone** — *Victor Rivera-Monroy*, Louisiana State University, Baton Rouge, LA.....(p. 25)

12:10pm-12:30pm Discussion Panel with Speakers

12:30pm-1:30pm Group Luncheon.....[Sunset Terrace]

Tuesday, December 9, 2008 (continued)

- 1:30pm-3:10pm** **Session III – Ecosystem History**
MODERATOR: Lynn Wingard, US Geological Survey, Reston, VA
- 1:30pm-1:40pm **Opening Remarks and Session Overview by Moderator**
- 1:40pm-2:00pm **Verification of a Molluscan Dataset for Paleosalinity Estimation Using Modern Analogues: A Tool for Restoration of South Florida’s Estuaries —**
G. Lynn Wingard¹ and Joel W. Hudley²; ¹U.S. Geological Survey, Reston, VA, USA; ²University of North Carolina, Chapel Hill, NC, USA (p. 160)
- 2:00pm-2:20pm **A Comparison of the Pre-drainage Everglades Hydrology and Florida Bay Salinity Based on Paleoecology from Multiple Sediment Cores Coupled with Statistical Models —**
Frank E. Marshall¹, G. Lynn Wingard², Patrick Pitts³, Evelyn Gaiser⁴, Ania Wachnicka⁴; ¹Cetacean Logic Foundation, Inc., New Smyrna Beach, Florida, USA; ²US Geological Survey, Reston, Virginia, USA; ³US Fish & Wildlife Service, Vero Beach, Florida, USA; ⁴Florida International University, Miami, Florida, USA..... (p. 131)
- 2:20pm-2:40pm **Diatom-Based Inferences of Environmental Change in Florida Bay and Adjacent Coastal Wetlands of South Florida —**
A. Wachnicka^{1,2} and E. Gaiser^{3,2}; ¹Department of Earth Sciences, ²Southeast Environmental Research Center, ³Department of Biological Sciences, Florida International University, Miami, FL, USA..... (p. 156)
- 2:40pm-3:00pm **Characterization of Natural Stream Flow in South Florida —**
Richard Alleman, South Florida Water Management District, West Palm Beach, FL, USA..... (p. 43)
- 3:00pm-3:10pm Session Recap and Q&A with Presenters
- 3:10pm-3:30pm** **Refreshment Break and Networking**
- 3:30pm-5:10pm** **Session IV Physical Processes**
MODERATOR: Jeff Woods, US Geological Survey, Fort Lauderdale, FL
- 3:30pm-3:40pm **Opening Remarks and Session Overview by Moderator**
- 3:40pm-4:00pm **Determining Spatial and Temporal Inputs of Freshwater, Including Groundwater Discharge, to a Subtropical Estuary Using Geochemical Tracers, Biscayne Bay, South Florida —**
Jeremy C. Stalker¹, René M. Price², Peter K. Swart³; ¹Department of Earth Sciences, Florida International University; ²Department of Earth Sciences and the SERC, Florida International University; ³Marine Geology and Geophysics, RSMAS, University of Miami, Miami, FL, USA (p. 151)
- 4:00pm-4:20pm **Effects of Groundwater on Salinity in Biscayne Bay —**
Sarah Bellmund¹, Greg Graves², Steve Krupa², Herve Jobert³, Greg Garis¹, and Steve Blair⁴; ¹Biscayne National Park Salinity Monitoring Program, Biscayne National Park, Homestead, FL, USA; ²South Florida Water Management District, West Palm Beach, FL, USA; ³Rosenstiel School of Marine and Atmospheric Sciences, University of Miami, Miami, FL, USA; ⁴Miami-Dade County Department of Resources Management, Miami, FL, USA..... (p. 49)
- 4:20pm-4:40pm **Surface Salinity Variability of South Florida Coastal and Estuarine Waters from Gridded Shipboard Observations, 1995 – 2008 —**
Elizabeth M. Johns¹, Thomas N. Lee³, Christopher N. Kelble², Ryan H. Smith¹, Nelson Melo², Peter B. Ortner², and Vassiliki H. Kourafalou³; ¹Atlantic Oceanographic and Meteorological Laboratory, National Oceanic and Atmospheric Administration, Miami, FL, USA ; ²Cooperative Institute for Marine and Atmospheric Studies, University of Miami, Miami, FL, USA; ³Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, FL, USA (p. 104)

Tuesday, December 9, 2008 (continued)

- 4:40pm-5:00pm **On Florida Bay Circulation and Water Exchange with Focus on the Western Subregion** — *Thomas N. Lee¹, Nelson Melo², Ned Smith³, Elizabeth M. Johns⁴, Ryan H. Smith⁴, Christopher N. Kelble², and Peter B. Ortner²*; ¹Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, FL, USA; ²Cooperative Institute for Marine and Atmospheric Studies, University of Miami, Miami, FL, USA; ³Harbor Branch Oceanographic Laboratory, Ft Pierce, FL, USA; ⁴Atlantic Oceanographic and Meteorological Laboratory, National Oceanic and Atmospheric Administration, Miami, FL, USA.....(p. 121)
- 5:00pm-5:10pm Session Recap and Q&A with Presenters
- 5:30pm-8:30pm POSTER SESSION & NETWORKING RECEPTION**..... [Poster Display Area]

Wednesday, December 10, 2008

- 7:30am-5:00pm Registration Office Open
- 7:30am-8:30am Early Morning Refreshments
- 7:30am-5:00pm Posters on Display
- 8:30am-10:10am SESSION V – Physical Processes (continued)**
MODERATOR: Mark Zucker, US Geological Survey, Fort Lauderdale, FL
- 8:30am-8:40am **Opening Remarks and Session Overview by Moderator**
- 8:40am-9:00am **South Florida Coastal Oceanographic Database** — *Nelson Melo¹, Thomas N. Lee², Elizabeth M. Johns³, Ryan H. Smith³, Chris R. Kelble¹, and Peter B. Ortner¹*; ¹Cooperative Institute for Marine and Atmospheric Studies, U. of Miami, Miami, FL, USA; ² Rosenstiel School of Marine and Atmospheric Science, U. of Miami, Miami, FL, USA; ³ NOAA Atlantic Oceanographic and Meteorological Laboratory, Miami, FL, USA.....(p. 137)
- 9:00am-9:20am **Advection and Exchange in Florida Bay Inferred from Long-term Water Quality Data** — *B.J. Cosby¹, J. Boyer², H. Briceno², F. Marshall³, and W. Nuttle⁴*; ¹University of Virginia, Charlottesville, VA, USA; ²Florida International University, Miami, FL, USA; ³Cetacean Logic Foundation, New Smyrna Beach, FL, USA; ⁴Eco-hydrology, Ottawa, ON, Canada.....(p. 64)
- 9:20am-9:40am **Enhancing and Combining Complex Numerical Models of Coastal Southern Florida** — *Eric Swain¹, Melinda Lohmann¹, and Jeremy Decker¹*; ¹U.S. Geological Survey, Florida Integrated Science Center, Fort Lauderdale, FL, USA.....(p. 153)
- 9:40am-10:00am **Interdisciplinary Modeling Support to CERP: Toward Environmental Prediction with the South Florida HYCOM System** — *Villy H. Kourafalou¹, HeeSook Kang¹, Claire Paris¹, Chuanmin Hu², Peter J. Hogan³ and Ole Martin Smedstad⁴*; ¹Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, FL, USA; ²Institute for Marine Remote Sensing, University of South Florida, St. Petersburg, FL, USA; ³Naval Research Lab, Stennis Space Center, MS, USA; ⁴QinetiQ North America, Technology Solutions Group – PSI, Stennis Space Center, MS, USA.....(p. 119)
- 10:00am-10:10am Session Recap and Q&A with Presenters
- 10:10am-10:30am Refreshment Break and Networking**

Wednesday, December 10, 2008 (continued)

10:30am-12:10pm	<u>SESSION VI – Water Quality/Algae Blooms</u> MODERATOR: <i>David Rudnick</i> , South Florida Water Management District, West Palm Beach, FL
10:30am-10:40am	Opening Remarks and Session Overview by Moderator
10:40am-11:00am	A Synthesis of Models to Simulate Benthic-Pelagic Coupling in Florida Bay: Examination of Ecosystem Restoration and Climate Change Effects — <i>Christopher J. Madden¹ Amanda A. McDonald¹</i> ; ¹ Everglades Division, South Florida Water Management District, West Palm Beach, FL USA..... (p. 129)
11:00am-11:20am	Phosphorus Cycling in Florida Bay: A Synthesis — <i>Marguerite S. Koch¹, Ole Nielsen¹, Henning S. Jensen², Jia-Zhong Zhang³, Chris J. Madden⁴, Dave Rudnick⁴</i> ; ¹ Biological Sciences Department, Florida Atlantic University, Boca Raton, FL, USA; ² Biology Department, University of Southern Denmark, Odense, Denmark; ³ NOAA, Ocean Chemistry Division, AOML, Miami, FL, USA; ⁴ Everglades Research Division, SFWMD, West Palm Beach, USA..... (p. 118)
11:20am-11:40am	Relative Importance of Solid-Phase Phosphorus and Iron on Sediment-Water Exchange of Phosphate in Florida Bay — <i>Jia-Zhong Zhang¹ and Xiao-Lan Huang^{1,2}</i> ; ¹ Ocean Chemistry Division, Atlantic Oceanographic and Meteorological Laboratory; National Oceanic and Atmospheric Administration, Miami, FL, USA; ² CIMAS, Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, FL, USA..... (p. 164)
11:40am-12:00pm	Nutrient Limitation in Benthic Microalgae in Florida Bay — <i>Merrie Beth Neely¹ and Gabriel A. Vargo¹</i> ; ¹ University of South Florida College of Marine Science, St. Petersburg, FL, USA (p. 142)
12:00pm-12:10pm	Session Recap and Q&A with Presenters
12:10pm-1:30pm	Group Luncheon [Sunset Terrace]
1:30pm-3:10pm	<u>Session VII – Water Quality/Algae Blooms (continued)</u> MODERATOR: <i>David Rudnick</i> , South Florida Water Management District, West Palm Beach, FL
1:30pm-1:40pm	Opening Remarks and Session Overview by Moderator
1:40pm-2:00pm	<i>In situ</i> Measurements of Sponge Respiration, Nitrification and ANAMMOX on the Florida Keys Reef Tract — <i>Christopher S. Martens¹, Niels Lindquist², Patrick Gibson¹, Howard Mendlovitz¹, James Hench³ Brian Popp⁴, Richard Camilli⁵, Anthony Duryea⁶, Robert Byrne⁷, Lori Adornato⁸ and Xuewu Liu</i> ; ¹ Dept of Marine Sciences, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA; ² Institute of Marine Sciences, UNC–Chapel Hill, Morehead City, NC; ³ Dept of Civil and Environmental Engineering, Stanford University, CA; ⁴ Dept of Geol&Geophys, University of Hawaii-Manoa, Honolulu, HI; ⁵ Appl Ocean Phy&Eng, Woods Hole Oceanographic Institution, Woods Hole, MA; ⁶ Monitor Instruments Company LLC, Cheswick, PA; ⁷ College of Marine Science, University of South Florida, St Petersburg, FL; ⁸ SRI International, St Petersburg, FL, USA (p. 133)
2:00pm-2:20pm	Dissolved Organic Material and the Adaptive Physiology of <i>Synechococcus</i> Help to Sustain Blooms in Florida Bay — <i>Patricia M. Glibert¹, Cynthia A. Heil², Sue Murasko², Jeffrey Alexander¹, MerrieBeth Neely², Christopher Madden³</i> ; ¹ University of Maryland Center for Environmental Science, Horn Point Laboratory, Cambridge MD, USA; ² Fish and Wildlife Research Institute, Florida Fish and Wildlife Conservation Commission, St. Petersburg, FL; ³ Coastal Ecosystems Division, South Florida Water Management District, West Palm Beach, FL..... (p. 88)

Wednesday, December 10, 2008 (continued)

- 2:20pm-2:40pm **Spatial and Temporal Shifts in Planktonic Phosphorus Limitation in Florida Bay from 2002 to 2007** — *Cynthia A. Heil¹, Patricia M. Glibert², Sue Murasko³, Jeff Alexander², Merrie Beth Neely¹, Ana Hoare³ and Chris Madden⁴*; ¹Fish and Wildlife Research Institute, Florida Fish and Wildlife Conservation Commission, St. Petersburg, FL; ²University of Maryland Center for Environmental Science, Horn Point Laboratory, Cambridge MD, USA; ³College of Marine Science, University of South Florida, St. Petersburg, FL USA; ⁴Coastal Ecosystems Division, South Florida Water Management District, West Palm Beach, FL.....(p. 96)
- 2:40pm-3:00pm **Characterizing the Dynamics of Dissolved Organic Matter in the Florida Coastal Everglades** — *Rudolf Jaffé^{1,2}, M. Chen^{1,2}, Y. Yamashita^{1,2}, N. Maie^{1,2}, K. Parish^{1,2}, R. M. Price^{1,3}, J. Boyer¹, and L. Scinto^{1,4}*; ¹ Southeast Environmental Research Center, Florida International University, Miami, FL, USA; ² Department of Chemistry and Biochemistry, Florida International University, Miami, FL, USA; ³ Department of Earth Science, Florida International University, Miami, FL, USA; ⁴Department of Environmental Studies, Florida International University, Miami, FL, USA(p. 102)
- 3:00pm-3:10pm Session Recap and Q&A with Presenters
- 3:10pm-3:30pm Refreshment Break and Networking**
- 3:30pm-5:00pm Session VIII – Water Quality/Algae Blooms (continued)**
MODERATOR: David Rudnick, South Florida Water Management District, West Palm Beach, FL
- 3:30pm-3:50pm **Storm Strength, Proximity, and Water Residence Time Differentially Affect the Magnitude of Impact and Recovery Time of Phytoplankton Biomass in Separate Zones of Florida Bay** — *Henry O. Briceño and Joseph N. Boyer*, Southeast Environmental Research Center, Florida International University, Miami, FL, USA.....(p. 57)
- 3:50pm-4:10pm **Coupled Hydrodynamic and Water Quality Modeling of Florida Bay** — *John M. Hamrick¹ and Zhen-Gang Ji²*; ¹Tetra Tech, Inc., Fairfax, VA; ²Applied Environmental Engineering, LLC, Naples, FL.....(p. 95)
- 4:10pm-4:30pm **Remote Sensing of Water Quality Index in Florida Bay and Florida Keys: Current Status and Challenge** — *C. Hu¹, J. Cannizzaro¹, F. Muller-Karger², J. Hendee³, E. Johns³, L. Gramer⁴, C. Kelble⁴, N. Melo⁴*; ¹College of Marine Science, Univ. South Florida, St. Petersburg, FL, USA; ²School for Marine Science and Technology, Univ. Massachusetts Dartmouth, New Bedford, MA, USA; ³Atlantic Oceanographic and Meteorological Lab, NOAA, Miami, FL, USA; ⁴Cooperative Institute for Marine and Atmospheric Studies, Univ. Miami, Miami, FL, USA.....(p. 98)
- 4:30pm-4:50pm **Marine and Estuarine Goal Setting for South Florida (MARES)** — *Peter B. Ortner¹, Carol L. Mitchell², Joseph N. Boyer³ and Christopher R. Kelble¹*; ¹Cooperative Institute for Marine and Atmospheric Studies, Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, FL, USA; ²Southeast Environmental Research Center, Florida International University, Miami, FL, USA; ³South Florida Natural Resources Center, Everglades National Park, Homestead, FL, USA.....(p. 111)
- 4:50pm-5:00pm Session Recap and Q&A with Presenters
- 5:30pm-8:30pm Networking Reception**..... [Ocean Lawn]

Thursday, December 11, 2008

- 7:30am-5:00pm Registration Office Open
- 7:30am-8:30am Early Morning Refreshments
- 8:30am-10:10am Session IX - Benthic Habitats**
MODERATOR: Brian Keller, NOAA Office of National Marine Sanctuaries, Southeast Region, St. Petersburg, FL
- 8:30am-8:40am **Opening Remarks and Session Overview by Moderator**
- 8:40am – 9:00am **Climate Change Effects on Seagrass Multiple Stressors, Nutrient Cycling and Reproduction: A Perfect Storm in Florida Bay? — Marguerite S. Koch**, Biological Sciences Department, Florida Atlantic University, Boca Raton, FL, USA..... (p. 116)
- 9:00am-9:20am **Seagrass as Indicators of Ecosystem Change in South Florida Estuaries — M.O. Hall¹, M. J. Durako², M. Merello¹, D. Berns¹, J. Kunzelman¹, K. Toth¹ and M. Cristman³**;
¹Florida Fish and Wildlife Conservation Commission, St. Petersburg, FL, USA;
²University of North Carolina at Wilmington, Wilmington, NC, USA; ³Department of Statistics, University of Florida/IFAS, Gainesville, FL, USA (p. 91)
- 9:20am-9:40am **Phosphorus Availability and Salinity Control Productivity and Demography of the Seagrass *Thalassia testudinum* in Florida Bay — Darrell A. Herbert¹ and James W. Fourqurean^{1,2}**;
¹Department of Biological Sciences and Southeast Environmental Research Center, Florida International University, Miami, FL; ²Fairchild Tropical Botanic Garden, Coral Gables, FL (p. 97)
- 9:40am-10:00am **Effects of Fertilization and Herbivory on Seagrass Community Structure in Florida Bay — Zayda Halun¹ and James W. Fourqurean¹**;
¹Department of Biological Sciences and Southeast Environmental Resource Center, Florida International University, Miami, FL, USA (p. 94)
- 10:00am-10:10am Session Recap and Q&A with Presenters
- 10:10am-10:30am Refreshment Break & Networking**
- 10:30am-12:00pm Session X - Benthic Habitats (continued)**
MODERATOR: Brian Keller, NOAA Office of National Marine Sanctuaries, Southeast Region, St. Petersburg, FL
- 10:30am-10:50am **Spatio-Temporal Dynamics of SAV Abundance in the Mangrove Lakes Region of Florida Bay: Relationships to Salinity, Phosphorus, and Water Clarity — Thomas A. Frankovich¹, Douglas Morrison², and James W. Fourqurean¹**;
¹Department of Biological Sciences and Southeast Environmental Research Center, Florida International University, Miami, FL, USA; ² Everglades National Park, Florida Bay Interagency Science Center, Key Largo, FL, USA (p. 83)
- 10:50am-11:10am **Multiple Lines of Evidence Suggest Long-term Eutrophication of Seagrass-dominated Nearshore Ecosystems in the Florida Keys — James W. Fourqurean**, Department of Biological Sciences and Southeast Environmental Research Center, Florida International University, Miami, FL, USA..... (p. 81)
- 11:10am-11:30am **Déjà Vu All Over Again: The Impact of Recent Cyanobacteria Blooms on Hard-bottom Communities in Florida Bay and the Florida Keys — Mark J. Butler IV¹ and Donald C. Behringer Jr.²**;
¹Department of Biological Sciences, Old Dominion University, Norfolk, VA, USA; ²Program in Fisheries and Aquatic Sciences, University of Florida, Gainesville, FL, USA (p. 61)
- 11:30am-11:50am **Monitoring Coral Bleaching as an Indicator of Climate Change Resilience for Florida’s Reefs — Chris Bergh**, The Nature Conservancy, Summerland Key, FL, USA..... (p. 50)
- 11:50am-12:00pm Session Recap and Q&A with Presenters

Thursday, December 11, 2008 (continued)

12:00pm-1:30pm	Group Luncheon.....[Sunset Terrace]
1:30pm-3:10pm	Session XI – Higher Trophic Level MODERATOR: John Lamkin , Florida Bay PMC Co-Chair, NOAA, Miami, FL
1:30pm-1:40pm	Opening Remarks and Session Overview by Moderator
1:40pm-2:00pm	Bottlenose Dolphin Research in both Florida and Biscayne Bays and the Use of Dolphins as Indicators of Estuary Health — Jenny Litz¹, Laura Engleby², Joseph Contillo¹, Lance Garrison¹, John Kucklick³ ; ¹ NOAA, National Marine Fisheries Service, Miami, FL, USA; ² Dolphin Ecology Project, St. Petersburg, FL, USA; ³ National Institute of Standards and Technology, Charleston, SC, USA(p. 123)
2:00pm-2:20pm	A Flood Tidal Transport for Pink Shrimp Larvae on the SW Florida Shelf — Maria M. Criales¹, Joan A. Browder² and Michael B. Robblee³ ; ¹ RSMAS, University of Miami, Miami, FL, USA; ² NOAA Fisheries, Miami, FL, USA; ³ U.S. Geological Survey, Ft. Lauderdale, FL, USA.....(p. 66)
2:20pm-2:40pm	Mercury Bioaccumulation in Florida Bay Fish: Why so High? — David W. Evans¹ and Darren Rumbold² ; ¹ NOAA, Center for Fisheries and Habitat Research, Beaufort, NC; ² Department of Marine and Ecological Sciences, Florida Gulf Coast University, Fort Myers, FL, USA(p. 70)
2:40pm-3:00pm	Variations in Carbon and Oxygen Stable Isotopes in the Otoliths of Four Species of Juvenile Snapper (<i>Lutjanidae</i>) in Florida Bay — Anne B. Morgan¹, Trika L. Gerard² ; ¹ Cooperative Institute for Marine and Atmospheric Science, Rosenstiel School of Marine and Atmospheric Science, University of Miami, FL, USA; ² NOAA-NMFS, Southeast Fisheries Science Center, Miami, FL, USA(p. 139)
3:00pm-3:10pm	Session Recap and Q&A with Presenters
3:10pm-3:30pm	Refreshment Break and Networking (Poster presenters to remove displays)
3:30pm-5:10pm	Session XII – Higher Trophic Level (continued) MODERATOR: John Lamkin , Florida Bay PMC Co-Chair, NOAA, Miami, FL
3:30pm-3:50pm	Concentration and Upstream Migration of Pink Shrimp Postlarvae in Northwestern Florida Bay — Maria M. Criales¹, Joan A. Browder², Michael B. Robblee³, Thomas Jackson² and Hernando Cardenas¹ ; ¹ RSMAS, University of Miami, Miami, FL; ² NOAA Fisheries, Miami, FL; ³ U.S. Geological Survey, Ft. Lauderdale, FL(p. 59)
3:50pm-4:10pm	Contribution of Mangrove Nursery Habitats to Replenishment of Adult Reef Fish Populations in Southern Florida — David L. Jones¹, John F. Walter², and Joseph E. Serafy² ; ¹ Cooperative Institute for Marine & Atmospheric Studies, University of Miami–Rosenstiel School, Miami, FL, USA; ² NOAA Fisheries, Miami, FL, USA(p. 107)
4:10pm-4:30pm	Relationship of Mesozooplankton to Water Quality in Florida Bay — Christopher R. Kelble¹, Peter B. Ortner¹, Gary L. Hitchcock² and Michael J. Dagg³ ; ¹ Cooperative Institute for Marine and Atmospheric Studies, Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, FL, USA; ² Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, FL, USA; ³ Louisiana Universities Marine Consortium, Chauvin, LA, USA(p. 112)
4:30pm-4:50pm	Monitoring Populations of Fish and Macroinvertebrates in Florida Bay — Matheson, Jr., R.E.¹, K.E. Flaherty¹, and R.H. McMichael, Jr.¹ ; ¹ Florida Fish and Wildlife Conservation Commission, Fish and Wildlife Research Institute, St. Petersburg, FL, USA.....(p. 73)
4:50pm-5:00pm	Session Recap and Q&A with Presenters
5:00pm-5:10pm	Closing Remarks and Conference Concludes