

2010 Florida Artificial Reef Summit Agenda

Thursday, January 21, 2010

- 9:00 Check in, poster set up
- 10:00 **Summit Welcome and Goals**
John Stevely, Mantee County Marine Extension, Florida Sea Grant
William Teehan, Fisheries Management Section Leader, Division of Marine Fisheries Management, Florida Fish and Wildlife Conservation Commission
- 10:15 **Synopsis of 2007 FWC Artificial Reef – Fisheries Management Science Colloquium**
Jon Dodrill and Jessica McCawley, Florida Fish and Wildlife Conservation Commission
- 10:35 **Synopsis of 9th International Conference on Artificial Reefs and Artificial Habitats (9th CARAH)**
Dr. Stephen Bortone, Executive Director, Gulf of Mexico Fishery Management Council
- 11:00 **Panel discussion on Fisheries Management and Artificial Reefs**
Moderator, Dr. William Seaman, Jr., Professor Emeritus, University of Florida
- Dr. William Lindberg, Professor, University of Florida
 - Dr. Stephen Bortone, Executive Director, Gulf of Mexico Fisheries Management Council
 - Dr. William Patterson, Professor, University of West Florida
 - Jon Dodrill, Environmental Administrator, Division of Marine Fisheries Management - Artificial Reef Program, Florida Fish and Wildlife Conservation Commission
 - Jessica McCawley, Biological Administrator, Division of Marine Fisheries Management - Fisheries Management Section, Florida Fish and Wildlife Conservation Commission
- 12:00 Lunch (included in registration)
- 1:00 **Examples of Fisheries Management Applications**
Chair, Bryan Fluech, Florida Sea Grant
- Unpublished Artificial Reefs in the Florida Panhandle, Dr. William Patterson, Professor, University of West Florida
 - Red Grouper Artificial Reefs in Lee County, Justin McBride, Senior Environmental Specialist, Natural Resources Division, Lee County
 - Deep-water Artificial Reefs in the Oculina Marine Protected Area, Dr. Christopher Koenig, Professor, Florida State University
 - Artificial Reef Development and the Steinhatchee Fisheries Management Area, Dr. William Lindberg, Professor, University of Florida
- 2:20 **Contributed Fisheries Management Presentations**
- Utilization of Obsolete Vessels as Artificial Reefs to Restore *Oculina Varicosa* Habitat, Michael Barnette
 - Why Birds Don't Live in Doghouses? Which Habitat for Which Species; Artificial Habitat Examples from Japan and France, Dr. Sylvain Pioch
- 3:00 Break (coffee and beverages provided)
- 3:30 **Contributed Fisheries Management Presentations (Cont.)**
- Recovery of the Goliath Grouper (*Epinephelus itajara*) Population of Florida: Significance of Artificial Reefs, Dr. Christopher Koenig
 - Fisheries-Independent Monitoring of Reef Fishes on the West Florida Shelf: A Programmatic Overview and Preliminary Results from Sampling Artificial and Natural Habitats, Sean F. Keenan
 - Monitoring Faunal Utilization of Artificial Reefs in Tampa and Sarasota Bays, Florida, Dr. Jay Leverone
 - Using Reef Structure to Enhance Reef Function, Dr. Thomas Cuba
 - River Reefs: Martin County's Inshore Artificial Reef Program: A Fisheries Management Approach to Restoring Estuarine Nursery Habitat, Ben Harkanson
 - Biological Impact of a Red Tide Event on a Natural and Artificial Reef, Heyward Mathews
- 6:00 Networking Social and Poster Display

Friday, January 22, 2010

7:00 Check in, Continental Breakfast (included in registration)

8:00 Regional and Statewide Artificial Reef Developments

Chair, Christina Verlinde, Florida Sea Grant

- Statewide and Nationwide, Jon Dodrill, Environmental Administrator, Division of Marine Fisheries Management - Artificial Reef Program, Florida Fish and Wildlife Conservation Commission
- Panhandle and Big Bend, Allen Golden, P.E., Development Services Department, Planning and Zoning Division, Bay County
- Southwest, Michael Solum, Environmental Specialist, Coastal Resources, Sarasota County
- Northeast, Carl Blow, Vice Chairman, St. Augustine Port, Waterway and Beach District and Florida Inland Navigation District Commissioner for St. Johns County
- East-Central Florida, Jim Oppenborn, Marine Resource Coordinator, St. Lucie County
- Southeast Florida, Sara Thanner, M.S., Environmental Resources Project Supervisor, Department of Environmental Resources Management, Miami-Dade County

10:00 Break (coffee and beverages provided)

10:30 State and Federal Regulatory and Permitting

Chair, Keith Mille, FWC

- Overview of Active Florida Artificial Reef Permit Areas. Keith Mille, Environmental Specialist, Florida FWC Division of Marine Fisheries Management, Artificial Reef Program, Tallahassee
- Update on State of Florida Artificial Reef Permitting, Jennifer Smith, Program Administrator, Southeast District Environmental Resources Program, Florida Dept. of Environmental Protection, West Palm Beach
- Update on Federal Artificial Reef Permitting, Bev Lawrence, Project Manager/Biologist, U.S. Army Corps of Engineers, Jacksonville District, Regulatory Division, Jacksonville
- Overview of NOAA-NOS Artificial Reef Charting Process and Policies, Ken Forster, Chief, Products Branch B, NOAA-NOS, Office of Coast Survey, Marine Chart Division, Silver Spring, MD

11:15 Q & A Panel Discussion, above speakers, plus the following panelists:

- Jocelyn Karazsia, Fishery Biologist, NOAA Fisheries Service, Habitat Conservation Division, West Palm Beach
- Michael Barnette, Fishery Biologist, NOAA Fisheries Service, Protected Resources Division, St. Petersburg
- Lt. Cliff Harder, Supervisor, MSD Port Canaveral, United States Coast Guard Sector Jacksonville, Port Canaveral
- Hugh Rein, Cartographer, NOAA-NOS, Office of Coast Survey, Marine Chart Division, Silver Spring, MD

12:00 Lunch (included in registration)

1:00 Contributed Presentations on Adaptive Management Strategies: Lessons Learned

Chair, Robert Turpin, Manager, Marine Resources, Escambia County

- The Economic Impact of Artificial Reefs in Southwest Florida, Dr. Bob Swett
- Multi-Purpose Artificial Reefs for Coastal Protection, Ecological and Amenity Enhancement, John Hearin
- Artificial Reef Optimization using Google Earth as a Collaborative Platform for Mitigation, Monitoring & More, Todd Barber
- Near-shore Artificial Reefs of Sand Key, Pinellas County: A Case Study for Managing Mitigation for Near-shore Hardbottom with Implications for Other Regions of South Florida, Jessica Craft
- Ex-USNS Hoyt S. Vandenberg Design, Preparation and Deployment as Artificial Reef Substrate at a Permitted Site Off Key West, Jeffrey Dey

2:40 Break (coffee, beverages and snacks provided)

Friday, January 22, 2010 (Cont.)

- 3:10 **Ships to Reefs Session: How to Implement a Florida Ships-to-Reefs Program, Process Map (From Funding to Deployment), and Lessons Learned from Previous Vessel Deployments**
Chair, Robert Turpin, Manager, Marine Resources, Escambia County
- Introduction to Florida Ships-to-Reefs, Tom Ingram, Executive Director, Dive Equipment and Marketing Association (DEMA)
 - Local Funding: How to Focus Grassroots Support, Identify Funding Sources and Setting up Endowment/Trust Funds, Robert Turpin, Manager, Marine Resources, Escambia County
 - State Funding: How Citizens and Local Governments Can Coordinate Efforts to Develop Support in the Florida Legislature to Appropriate Funding for the Florida Ships-to-Reefs Initiative, State Representative Doug Holder, District 70
 - MARAD Process: How to Select, Submit Applications, Receive and Deploy Vessels from MARAD, Dana Austin, Industrial Property Management Specialist, Office of Ships Disposal, DOT/MARAD
 - Navy Process/USS Radford: Status of the Three-State Partnership Reefing the USS Radford, Jeff Tinsman, Reef Program Coordinator for the State of Delaware
 - Lessons Learned from Large Vessel Reefing Projects in Florida, William Horn, Fisheries Biologist IV, Division of Marine Fisheries Management - Artificial Reef Program, FWC
- 5:10 **Q & A Panel Discussion**, above speakers, plus representatives from large ship reefing contractors, including Tim Mullane, American Marine Group, Inc., and Joe Farrell, Resolve Marine Group, Inc.
- 6:00 Networking Social

Saturday, January 23, 2010

- 7:00 Check in, Continental Breakfast (included in registration)
- 8:00 **Citizen Involvement in Artificial Reef Development and Monitoring**
Chair, Dr. Janet Phipps, Coral Reef Ecologist, Department of Environmental Resources Management, Palm Beach County
- Reef Environmental Education Foundation and Volunteer Reef Fish and Invasive Species Assessments, Lad Akins, Director of Special Projects, Reef Environmental Education Foundation
 - Volunteer Involvement in Surveying Goliath Grouper Populations, Angela Collins, Assistant Research Scientist, Fish and Wildlife Research Institute, Florida Fish and Wildlife Conservation Commission
 - Using Volunteer Support for County Artificial Reef Construction and Monitoring Program, Dana Morton, Aquatic Biologist, Environmental Program Supervisor and Artificial Reef Coordinator, Environmental Quality Division, City of Jacksonville
- 9:00 **Contributed Citizen Involvement in Artificial Reef Development and Monitoring Presentations**
- Goliath Grouper Aggregation Report, Michael Phelan
 - Apparent Preference of *Tubastraea coccinea* for Artificial Reef Habitats: Ecological Consequences of This Introduced Coral, Dr. Tonya Shearer
 - Planning, Organizing, and Executing an Artificial Reef Clean-up Event, Nikki Hoier
- 10:00 Break (coffee and beverages provided)
- 10:30 **Contributed Citizen Involvement in Artificial Reef Development and Monitoring Presentations**
- Our Underwater Desert in Martin County, David Powell
 - Mexico Beach Artificial Reef Association (MBARA), Robert L. Cox
 - Reestablishing an Artificial Reef Placement and Monitoring Program in Northeast Florida, Sue Wilcox
 - Quality Long-term Monitoring on a Shoestring Budget, Dr. Janet Phipps
- 12:00 Concluding Remarks, Dr. William Seaman, Jr., Professor Emeritus, University of Florida
- 12:15 **Adjourn**