



## **SOUTH ATLANTIC FISHERY MANAGEMENT COUNCIL**

4055 FABER PLACE DRIVE, SUITE 201  
NORTH CHARLESTON, SOUTH CAROLINA 29405  
TEL 843/571-4366 FAX 843/769-4520  
Toll Free 866/SAFMC-10  
Email: safmc@safmc.net Website: www.safmc.net

David M. Cupka, Chairman  
Ben Hartig, Vice Chairman

Robert K. Mahood, Executive Director  
Gregg T. Waugh, Deputy Executive Director

### **AGENDA**

#### **Habitat and Environmental Protection Advisory Panel Meeting Charleston Marriott Hotel, 170 Lockwood Boulevard Charleston, SC 29403**

**Tuesday, November 15, 2011 9:00 A.M. – 5:15 P.M.**

##### **Habitat and Environmental Protection Advisory Panel Members**

**9:00 am** Welcome and Introductions

Approval of the Agenda and November 2010 Minutes (*Attachments 1-2*) – **ACTION**  
Pace Wilber, NOAA HCD

South Atlantic Fishery Ecosystem Plan Implementation Meeting Tasks/Products -  
Pace Wilber and Roger Pugliese, SAFMC

##### **Session I: South Atlantic Essential Fish Habitat and Ecosystem-Based Management**

**9:30 am** EFH Refinement: Response to 5 Year Review - EFH Provisions of CEBA 2, Fisheries User Guide Final Draft and EFH Funding of Eco-Species Project - (*Attachments 3-6*) – Pace Wilber and Roger Pugliese

Review Preliminary List of Alternatives for Scoping Comprehensive Ecosystem-Based Amendment 3 – (*Attachment 7*) – Roger Pugliese, SAFMC

Panel Member Recommendations for Scoping on CEBA 3 – **ACTION** – Pace Wilber

**12:00 Noon**      **Lunch**

## **Session II: South Atlantic Mapping, Research, Observing and Policy**

**1:00 pm** Navy Fleet Force Command: Mapping and Research in the South Atlantic Region – Carter Waterson, USN

Fishery Independent Research: Species and Habitat Distribution - Marcel Reichert, SCDNR

NOAA Fisheries Habitat Mapping and Ecosystem Research – Todd Kellison, NOAA Fisheries Beaufort Lab

Alternative Energy Research Outline – (*Attachments 8-10*) Brian Hooker, BOEM

Engaging Stakeholders in Identification of Fisheries Oceanography Needs - Jennifer Dorton, NOAA in the Carolinas, SECOORA Member

**3:30 pm** Break

**3:45 pm** Update on State Mapping Information – (*Attachments 11-13*) State Sub-Panel Chairs

Develop Panel Member Comments and Recommendations – **ACTION** - Pace Wilber

## **Session III: Tools to Support Ecosystem Based and Spatial Management in the South Atlantic Region**

**4:30pm** South Atlantic Habitat and Ecosystem Web Services and Digital Dashboard– Tina Udouj, FWRI

**5:00 pm** Develop Panel Member Comments and Recommendations – **ACTION** - Pace Wilber

**5:15 pm** Adjourn

**Wednesday, November 16, 2011 8:30 A.M. – 5:00 P.M.**

**Habitat and Environmental Protection AP Members and Invited Partner Representatives**

### **South Atlantic Eco-Regional Partner Coordination Meeting**

Meeting Objective and Speaker Tasks - Provide Overview of: 1) Organization Responsibilities, 2) Organization Capabilities and 3) Identification of Opportunities for Collaboration

**8:30 am** **Introduction and Charge –**  
Pace Wilber NOAA Fisheries and Roger Pugliese, SAFMC

### **Southeast Coastal Ocean Observing Regional Association (SECOORA)**

(*Attachments 14-22*)

**8:45 am** **SECOORA Strategic Plan, State and Regional Coordination –**  
Jennifer Dorton, SECOORA Member

**Governors South Atlantic Alliance (SAA)** (*Attachments 23-24*)

**9:30 am**                    **SAA Action Plan –**  
Carolyn Boltin-Kelly, SCDHEC/SAA Executive Planning Team Chair

**SAA Living Implementation Plan -**  
Dr. Michelle Duval, NCDMF/SAA Healthy Ecosystems Team Mentor

**10:15 am**                    **Break**

**South Atlantic Landscape Conservation Cooperative (SALCC)** (*Attachments 25-29*)

**10:30 am**                    **SALCC Charter, Committee and Project Funding –**  
Ken McDermond, SALCC Coordinator

**SALCC Optimal Landscape Conservation Strategy –**  
Rua Mordacai, SALCC Science Coordinator

**Southeast Aquatic Resource Partnership (SARP)** (*Attachments 30-37*)

**11:15 am**                    **SARP Projects, Programs and Tools –**  
Scott Robinson, SARP Coordinator

**12:00 pm**                    **Lunch on Site - Lunch Presentation**

**SAFMC Regional Spatial Habitat and Ecosystem Management Tools**

The South Atlantic Habitat, Ecosystem-Based and Spatial Management Digital Dashboard –  
Integration and Digital Presentation of Species/Habitat/Fishery/Human Use information for the  
South Atlantic Region - Tina Udouj, FWRI

**U.S. Navy Fleet Forces Command**

**1:30 pm**                    **Navy Fleet Forces Command Ongoing and Planned Activities -**  
Laura Busch, USN FFC

**Bureau of Ocean Energy Management (BOEM)** (*Attachments 38-39*)

**2:15 pm**                    **BOEM Alternative Energy Research Program -** Brian Hooker, BOEM  
Office of Offshore Alternative Energy Programs

**3:00 pm**                    **Break**

**3:15 pm**                    **Panel Member and Partner Roundtable Discussion:**  
**Opportunities for Collaboration**

**5:00 pm**                    **Adjourn**

## **SAFMC Habitat and Environmental Protection Advisory Panel**

### **Pace Wilber, Chair**

Habitat Conservation Division  
NMFS SERO  
PO Box 12559  
Charleston, SC 29422-2559  
843/762-8601 (phone) / 843/953-7205 (fax)  
[Pace.Wilber@noaa.gov](mailto:Pace.Wilber@noaa.gov)

### **Anne Deaton – NC Subpanel Chair**

N.C. Division of Marine Fisheries  
127 Cardinal Dr. Ext.  
Wilmington, NC 28405-3845  
252/726-7021 or 800/682-2632 (phone)  
[anne.deaton@ncdenr.gov](mailto:anne.deaton@ncdenr.gov)

### **Dr. Christopher Elkins - NC Subpanel**

297 Sleepy Point Road  
Gloucester, NC 28528  
919/933-1119 (phone)  
[chriselk@med.unc.edu](mailto:chriselk@med.unc.edu)

### **John Ellis - NC Subpanel**

U.S. Fish and Wildlife Service  
PO Box 33726  
Raleigh, NC 27636-3726  
919/856-4520 x 26 (phone) / 919/856-4556 (fax)  
[john\\_ellis@fws.gov](mailto:john_ellis@fws.gov)

### **Terry Pratt – NC Subpanel**

1435 Highway 45 North  
Merry Hill, NC 27957  
252/724-0111 (phone) / 252/356-2222 (fax)  
[e6i4j8BT@coastalnet.com](mailto:e6i4j8BT@coastalnet.com)

### **Steve Trowell – NC Subpanel**

NC DENR, Division of Coastal Management  
943 Washington Square Mall  
Washington, NC 27889  
252/946-6481 (phone) / 252/948-0478 (fax)  
[steve.trowell@ncdenr.gov](mailto:steve.trowell@ncdenr.gov)

### **Sera Drevenak – NC Subpanel**

Pew Environment Group  
25 Corbett St.  
Bolivia, NC 28422  
[sdrevenak@pewtrusts.org](mailto:sdrevenak@pewtrusts.org)

### **Pricilla Wendt – SC Subpanel Chair**

(Alternate - Bob VanDolah)  
SC Department of Natural Resources  
Marine Resource Center  
PO Box 12559  
Charleston, SC 29412  
843/953-9305 (phone) / 843/953-9399 (fax)  
[wendtp@dnr.sc.gov](mailto:wendtp@dnr.sc.gov)

### **Mark Caldwell - SC subpanel**

Ecological Services Office, USFWS  
176 Croghan Spur Rd., Suite 200  
Charleston, SC 29407  
843/727-4707 x 215 (phone)  
Mark\_caldwell@fws.gov

### **Susan E. Hilfer - SC subpanel**

126 Dolphin Point Rd.  
Beaufort, SC 29907  
843/525-6100 (phone) / 843/521-1510 (fax)  
[shilfer@islc.net](mailto:shilfer@islc.net)

### **George Madlinger – SC Subpanel**

DHEC, Office of Coastal Resource Management  
104 Parker Drive  
Beaufort, SC 29906  
843/846-9400 (phone)  
[madlingj@dhec.sc.gov](mailto:madlingj@dhec.sc.gov)

### **Jenkins Mikell – SC Subpanel**

6 Calendar Court  
(PO Box 61200)  
Columbia, SC 29260  
803/738-8883 (phone) / 803/738-1446 (fax)  
[JMikell955@aol.com](mailto:JMikell955@aol.com)

### **Cameron Sebastian – SC Subpanel**

228 Green Lake Drive  
Myrtle Beach, SC 29572  
843/467-2708 (phone)  
[Cameron@coastalscuba.com](mailto:Cameron@coastalscuba.com)

### **Patrick Geer – GA Subpanel Chair**

GA Department of Natural Resources  
Ecological Services Section  
One Conservation Way  
Brunswick, GA 31523-8600  
912/264-7218 (phone) / 912/262-2318 (fax)  
[Pat\\_Geer@dnr.state.ga.us](mailto:Pat_Geer@dnr.state.ga.us)

### **John Duren – GA Subpanel**

8 Calico Crab Retreat  
Savannah, GA 31411  
912/598-9362 (phone)  
[jwduren@aol.com](mailto:jwduren@aol.com)

**Kathi Harrington – GA Subpanel**

400 Dartmouth Street  
Brunswick, GA 31520  
912/262-0060 (phone)  
[captrichard1@yahoo.com](mailto:captrichard1@yahoo.com)

**Alice Lawrence – GA Subpanel**

U.S. Fish & Wildlife Service  
Westpark Center, Suite D  
105 Westpark Dr.  
Athens, GA 30606  
706/613-9493 Ext. 222 (phone)  
[Alice\\_Lawrence@fws.gov](mailto:Alice_Lawrence@fws.gov)

**Mark Carter - Florida subpanel**

2932 Bower Road  
Winter Park, FL 32792  
407/232-3047(phone) / 407/695-6889 (fax)  
[oarlock@aol.com](mailto:oarlock@aol.com)

**Dr. John Galvez - FL Subpanel**

U.S. Fish & Wildlife Service  
1339 20th Street  
Vero Beach, FL 32960  
772/562-3909 (phone)  
[John\\_Galvez@fws.gov](mailto:John_Galvez@fws.gov)

**H. Terry Gibson – FL Subpanel**

2060 NE 23rd Terrace  
Jensen Beach, FL 34957  
772/219-7400 ext. 101 (phone)  
[Terry.Gibson@bonniercorp.com](mailto:Terry.Gibson@bonniercorp.com)

**James Harvey – FL Subpanel**

7607 Preserve Court  
West Palm Beach, FL 33412  
561/762-7991 (phone) / 561/694-0223 (fax)  
[jamesmharvey@earthlink.net](mailto:jamesmharvey@earthlink.net)

**Dr. Amber Whittle – FL Subpanel**

Florida Fish and Wildlife Commission  
Fish & Wildlife Research Institute  
100 Eighth Avenue, SE  
St. Petersburg, FL 33701  
727/896-8626 (phone)  
[Amber.Whittle@MyFWC.com](mailto:Amber.Whittle@MyFWC.com)

**Sarah Fangman - At-Large Member**

Gray's Reef Nat'l Marine Sanctuary  
10 Ocean Science Circle  
Savannah, GA 31411  
gov912/598-2428 (phone)  
[sarah.fangman@noaa.gov](mailto:sarah.fangman@noaa.gov)

**Todd Kellison – At-Large Member**

Chief, Fisheries Ecosystems Branch  
NOAA Fisheries - Beaufort Laboratory  
101 Pivers Island Road  
Beaufort, NC 28516  
252/838-0810 (phone) / 252.728-8784 (fax)  
<http://www.sefsc.noaa.gov/labs/beaufort/ecosystems/>

**Dr. Roland Ferry - At-Large Member**

Coastal Section  
U.S. EPA Region IV  
61 Forsythe Street, SW  
Atlanta, GA 30303  
404/562-9352 (phone) / 404/562-9343 (fax)  
[crum.bo@epa.gov](mailto:crum.bo@epa.gov)

**Dr. Patrick N. Halpin - At-Large Member**

Director, Geospatial Analysis Program  
Nicholas School of the Environment  
and Earth Sciences  
Duke University  
Durham, NC 27708-0328  
919/613-8062 (phone) / 919/684-8741(fax)  
[phalpin@duke.edu](mailto:phalpin@duke.edu)

**J. Carter Watterson - At-Large Member**

US Dept of the Navy  
Naval Facilities Engineering Command Atlantic  
6506 Hampton Blvd.  
Norfolk, VA 23508-1278  
757/322-8137 (ph); 757/322-4805 (f)  
[carter.watterson@navy.mil](mailto:carter.watterson@navy.mil)

**Mike Street - At-Large Member**

902 Lake and Shore Drive  
Morehead City, NC 28557  
252/726-4704 (ph)  
[tmstreet@embarqmail.com](mailto:tmstreet@embarqmail.com)

**Mark Hansen - At-Large Member**

USGS Center for Coastal & Watershed Studies  
600 Fourth Street South  
St. Petersburg, FL 33701  
727/803-8747 ext. 3036 (ph)  
727-803-2030 (fax)  
[mhansen@usgs.gov](mailto:mhansen@usgs.gov)

**Representative - At-Large Member**

Atlantic States Marine Fisheries Commission  
1444 Eye Street, NW, 6th Floor  
Washington, DC 20005

**List of Invited Participants:**  
**South Atlantic Eco-Regional Coordination Meeting**

**Southeast Coastal Ocean Observing Regional Association (SECOORA)**

**Jennifer Dorton**

Program Coordinator  
NOAA in the Carolinas  
Center for Marine Science  
University of North Carolina at Wilmington  
5600 Marvin K. Moss Lane  
Wilmington, NC 28409  
910.962.2777 (phone) / 910.962.2410 (fax)  
[dortonj@uncw.edu](mailto:dortonj@uncw.edu)

**For Debra Hernandez**

Executive Director, Southeast Coastal Ocean Observing Regional Association (SECOORA)  
PO Box 1045, Johns Island, South Carolina 29457  
843.906.8686 (phone)  
[debra@secoora.org](mailto:debra@secoora.org)  
Website: <http://secoora.org/>

**Governors South Atlantic Alliance (SAA)**

**Carolyn Boltin-Kelly**

Governors South Atlantic Alliance  
Chair, Executive Planning Team  
Deputy Commissioner, DHEC OCRM  
1362 McMillan Ave., Ste 400  
Charleston, S.C. 29405  
843.953.0226 (phone) / 843.953.0201 (fax)  
[boltincr@dhec.sc.gov](mailto:boltincr@dhec.sc.gov)  
[www.scdhec.gov/ocrm](http://www.scdhec.gov/ocrm)  
Website: <http://www.southatlanticalliance.org/index.htm>

**Dr. Michelle Duval**

Governors South Atlantic Alliance, Healthy Ecosystems Issue Team Mentor  
N.C. Division of Marine Fisheries  
P.O. Box 769, Morehead City, NC 28557  
252/726-7021 (phone -ext. 105) / 252/762-0254 (fax)  
[michelle.duval@ncdenr.gov](mailto:michelle.duval@ncdenr.gov)

## **South Atlantic Landscape Conservation Cooperative (SALCC)**

### **Ken McDermond**

Coordinator, South Atlantic Landscape Conservation Cooperative

U.S. Fish & Wildlife Service

1751 Varsity Drive, 2nd Floor, Rm. 217

Raleigh, NC 27606-2576

[Kenneth\\_McDermond@fws.gov](mailto:Kenneth_McDermond@fws.gov)

919.707.0121 (phone) / 919.707.0293 (fax) / 919.413.5233 (cell)

Website: <http://www.southatlanticlcc.org>

### **Rua S. Mordecai, Ph.D.**

U.S. Fish & Wildlife Service

Science Coordinator, South Atlantic Landscape Conservation Cooperative

<http://www.southatlanticlcc.org>

1751 Varsity Drive, 2nd Floor, Rm. 218

Raleigh, NC 27606-2576

[rua\\_mordecai@fws.gov](mailto:rua_mordecai@fws.gov)

919.707.0122 (phone) / 919.707.0293 (fax)

Website: [www.southatlanticlcc.org](http://www.southatlanticlcc.org)

## **Southeast Aquatic Resources Partnership (SARP)**

### **Scott Robinson**

Southeast Aquatic Resources Partnership

National Fish Habitat Action Plan

770-361-5639 (phone / 706-557-3040 (fax)

[scott\\_robinson@dnr.state.ga.us](mailto:scott_robinson@dnr.state.ga.us)

Website: [www.southeastaquatics.net](http://www.southeastaquatics.net) and [www.fishhabitat.org](http://www.fishhabitat.org)

## **U.S. Navy Fleet Forces Command**

### **J. Carter Watterson**

Marine Fisheries Biologist

U.S. Department of the Navy

Naval Facilities Engineering Command Atlantic

6506 Hampton Blvd | Norfolk, VA | 23508-1278

757.322.8137 (phone) / 757.322.4805 (fax)

[carter.watterson@navy.mil](mailto:carter.watterson@navy.mil)

### **Laura Busch**

U.S. Fleet Forces Command

1562 Mitscher Ave., Ste. 250, N4542

Norfolk, VA 23551-2487

## **Bureau of Ocean Energy Management (BOEM)**

### **Brian R. Hooker**

Marine Biologist  
Bureau of Ocean Energy Management  
Office of Offshore Alternative Energy Programs  
Herndon, Virginia  
703-787-1634 (phone) / 703-787-1708 (fax)  
[Brian.Hooker@boemre.gov](mailto:Brian.Hooker@boemre.gov)

### **Will Waskes**

Oceanographer  
Bureau of Ocean Energy Management  
Office of Offshore Alternative Energy Programs  
381 Elden Street, Herndon, Virginia, 20170  
703-787-1287  
[Will.Waskes@boemre.gov](mailto:Will.Waskes@boemre.gov)

## **FWRI/SAFMC GIS Services**

### **Tina Udouj**

Center for Spatial Analysis  
Fish and Wildlife Research Institute, Florida Fish and Wildlife Conservation Commission  
100 8th Avenue SE, St. Petersburg, FL 33701  
[Tina.Udouj@MyFWC.com](mailto:Tina.Udouj@MyFWC.com)

## **South Atlantic Fishery Independent Research Programs**

### **Dr. Marcel Reichert**

SC DNR/Marine Resources Division  
P.O. Box 12559 (217 Ft. Johnson Road, Charleston SC 29412)  
Charleston, SC 29422-2559  
843/953-5778 (phone)  
[ReichertM@dnr.sc.gov](mailto:ReichertM@dnr.sc.gov)



**Briefing and Background Material:**

**List of Attachments Supporting the Habitat Advisory Panel and Eco-Regional Coordination Meeting**

1. Agenda Habitat AP and Eco-Regional Partner Meeting
2. Habitat Advisory Panel Meeting Minutes November 2010
3. CEBA 2 Final
4. CEBA 2 Notice of Availability
5. EFH Users Guide Final Draft
6. Eco-Species Statement of Work
7. Scoping Items for CEBA 3
8. BOEM Atlantic Priority Fisheries Studies Outline
9. Atlantic Fishery Management Councils : Wind Workshop Presentation
10. SAFMC 2010-2015 Research Plan
11. SCDNR Final Report - Spatial Mapping Effort of SC Coastal Resources and Activities
12. Siting Analysis for Near-Term Offshore Wind Farm Development: GA, SC and NC
13. Fishing in North Carolinas Coastal Waters NC Energy Task Force
14. Changing Ecosystems, Economies, and Climate: Strategic Priorities for the Southeast Coastal Ocean Observing Regional Association (2010-2015)
15. SECOORA Business Plan
16. SECOORA Revised Scope of Work 2011-2012
17. Flyer – SECOORA in NC
18. Flyer – SECOORA in SC
19. Flyer – SECOORA in GA
20. Flyer - SECOORA in FL
21. U.S. Integrated Ocean Observing System: A Blueprint for Full Capability
22. Building and Strengthening Linkages between the National System of Marine Protected Areas and the Integrated Ocean Observing System (IOOS)
23. South Atlantic Alliance Action Plan
24. South Atlantic Alliance Implementation Plan
25. SALCC Fact Sheet
26. SALCC November 2011 Newsletter
27. SALCC 2011 Partner Projects
28. SALCC Charter
29. SALCC Development and Operations Plan - December 2009
30. SARP 2010 Year in Review
31. SARP Southeast Aquatic Habitat Plan Summary
32. SARP Southeast Aquatic Habitat Plan
33. National Fish Habitat Action Plan
34. Through A Fish's Eye: The Status of Fish Habitats in the United States 2010
35. South Atlantic Landscape Conservation Cooperative SARP Aquatic Resource Management Project - Assessment of Hydrologic Model Availability
36. A GIS-based Assessment of Land Cover within Stream and River Riparian Buffers of the Southeastern United States: A publication of the Science and Data Committee, SARP
37. Presentation on NFHAP National Coastal Assessment: SARP Science and Data Committee Meeting Oct. 27, 2011
38. MOU on Coordination and Collaboration Regarding Outer Continental Shelf Energy Development and Environmental Stewardship -Department of Interior and Department of Commerce
39. The Multipurpose Marine Cadastre (MMC) QUICK-START GUIDE