

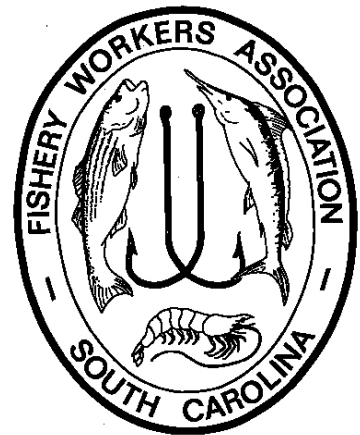
2008 ANNUAL MEETING

SOUTH CAROLINA CHAPTER OF THE  
AMERICAN FISHERIES SOCIETY

AND

SOUTH CAROLINA FISHERY WORKERS ASSOCIATION

FEBRUARY 4-5, 2008



SANTEE COOPER STATE PARK

## 2008 Annual Meeting SC-AFS and SCFWA

### PROGRAM OVERVIEW:

#### **MONDAY, FEBRUARY 4**

- 10:00 am Meeting organizing Committee
- 10:30 am Registration open
- Lunch On your own
- 1:00 pm **WELCOME AND INTRODUCTION**
- 1:15 pm Opening address
- Session 1
- 2:15 pm Break
- 2:30 pm Session 2
- 3:45 pm Break
- 4:00 pm Session 3
- 5:00 pm Break
- 5:15 pm SC-AFS business meeting
- 5:45 pm SCFWA business meeting
- 6:30 pm Poster session and Oyster Roast Social
- 7:30 pm Dinner and Social  
(incl. Raffle I and Award Ceremonies)

#### **TUESDAY FEBRUARY 5, 2008**

- 7:30 am Breakfast (provided)
- 8:30 am Session 4
- 9:45 am Break
- 10:00 am Session 5
- 11:15 am Break
- 11:30 am Session 6
- 12:30 pm Raffle II, Adjourn, and lunch (provided)

Visit our websites for up-to-date information:

[www.SCAFS.org](http://www.SCAFS.org)

[www.SCFWA.org](http://www.SCFWA.org)

## 2008 Annual Meeting SC-AFS and SCFWA

### PRESENTATION SCHEDULE

# = Student paper

\* = Presenter

### MONDAY FEBRUARY 4, 2008

10:30 am REGISTRATION OPEN  
LOADING PRESENTATIONS ONTO PC AND POSTERS UP  
LUNCH on your own

1:00 pm **WELCOME AND INTRODUCTION**

SESSION 1 FEBRUARY 4 1:15 PM – 2:15 PM

MODERATOR: **Marcel Reichert**

1:15 pm 1 **John Mark Dean** (Baruch Institute, University of South Carolina)  
SC-AFS - The beginnings.

1:30 pm 2 **Jason H Murray** (Moore School of Business, University of South Carolina).  
Natural resource collapse: technological change and biased estimation.

1:45 pm 3 **Forrest Sessions** (SC DNR)  
Electro-anesthesia of striped bass broodstock.

2:00 pm 4 **Kevin Kolmos** (MRRI – SC DNR)  
Succession and biodiversity of an artificial reef marine protected area: A  
comparison of fish assemblages on protected and unprotected habitats.

2:15 pm BREAK

SESSION 2 FEBRUARY 4 2:30 PM – 3:45 PM

MODERATOR: **David Whitaker**

2:30 pm 5<sup>#</sup> **Gabriel Ziskin** (College of Charleston, MRRI – SC DNR)  
Aspects of age, growth and reproduction in speckled hind *Epinephelus*  
*drummondhayi* along the southeast coast of the United States.

2:45 pm 6<sup>#</sup> **Eric Hiltz**\* (College of Charleston, MRD – SC DNR), Marcel Reichert (MRRI-  
SC DNR), and Brad Floyd (MRD – SC DNR)  
Assessment of the flounder (*Paralichthys spp.*) gig fishery in South Carolina.

3:00 pm 7<sup>#</sup> **Adena Leibman** (University of South Carolina)  
A seven year temporal study of the natal origins of the South Carolina loggerhead  
turtle (*Caretta caretta*) feeding assemblage.

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Session 2 continued

- 3:15 pm 8<sup>#</sup> **Lyndsey Lefebvre**\* (College of Charleston, SC DNR), and Michael Denson (SC DNR)  
Reproductive dynamics of cobia, *Rachycentron candum*, in Port Royal Sound and St. Helena Sound, South Carolina.
- 3:30 pm 9<sup>#</sup> **Jessica Stephen** (University of South Carolina, MRRI – SC DNR)  
A look inside the fisheries ecologist's toolbox: a review of two prevalent methods
- 3:45 pm BREAK

SESSION 3, FEBRUARY 4 4:00 PM – 5:00 PM

MODERATOR: **Jeff Isely**

- 4:00 pm 10<sup>#</sup> **Jennifer Fountain**\* (College of Charleston), Tanya Darden (MRRI – SC DNR), Wallace Jenkins (MRRI – SC-DNR), Michael Denson (MRRI – SC DNR)  
Preliminary stocking contribution of striped bass, *Morone saxatilis*, in the Ashley River and population structure among two South Carolina rivers.
- 4:15 pm 11<sup>#</sup> **Andrew J. Ray** (College of Charleston, MRRI – SC DNR)  
Relationships between shrimp (*Litopenaeus vannamei*) growth parameters and microbial activity in zero-exchange culture systems.
- 4:30 pm 12<sup>#</sup> **Tanjenique Paulin**\* (SC DNR), Charles Jagoe (Savannah River Ecology Lab), and Ambrose Anouru (South Carolina State University)  
An observational study of the behaviors in fiddler crabs when exposed to high concentrations of mercury in fiddler crabs.).
- 4:45 pm 13 **Gina Perez**<sup>1</sup>, William Roumillat<sup>1</sup>, Erin Levesque<sup>1</sup> and Isaure de Buron<sup>2</sup>. (<sup>1</sup> MRRI – SC, <sup>2</sup> Department of Biology, College of Charleston).  
Synchronization of occurrence of the ovarian philometrid, *Philometra carolinensis*, with the spawning season of its host, the spotted seatrout (*Cynoscion nebulosus*).
- 5:00 pm BREAK

BUSINESS MEETINGS FEBRUARY 4 5:15 PM – 6:30 PM

- 5:15 pm SC-AFS business meeting
- 5:45 pm SCFWA business meeting
- 6:30 pm POSTER SESSION AND OYSTER ROAST SOCIAL
- 7:30 pm DINNER AND SOCIAL (incl. Raffle and Award Ceremonies)

2008 Annual Meeting SC-AFS and SCFWA

**TUESDAY FEBRUARY 5, 2008**

7:30 - 8:30 BREAKFAST (provided) **Please vacate rooms before 10:00am**

**SESSION 4 FEBRUARY 5 8:30 AM – 9:45 AM**

**MODERATOR: Anna Toline**

- 8:30 am 14 **Chris McDonough** (MRRI – SC DNR)  
Age and growth of sheepshead (*Archosargus probatocephalus* L.) in South Carolina, with some comments on their reproductive biology.
- 8:45 am 15 **Paulette Mikell\***, Jessica Stephen, and Marcel Reichert (MRRI – SC DNR)  
Life history of vermilion snapper.
- 9:00 am 16 **David J. Coughlan\*** (Duke Energy) and Bill Post (SC DNR)  
American eels in the Santee Basin.
- 9:15 am 17 **Jennifer Price** (SC DNR)  
The distribution of freshwater mussels in Lake Greenwood.
- 9:30 am 18 Patick Ely (Clemson University), Travis Ingram (GA DNR) and **Jeff Isely\*** (USGS)  
Population dynamics of Alabama shad on the Apalachicola River.

9:45 am BREAK **Please vacate rooms before 10:00am**

**SESSION 5 FEBRUARY 5 10:00 AM – 11:15PM**

**MODERATOR: Tanya Darden**

- 10:00 am 19 **Shaoxiong Ding** (University of South Carolina)  
The phylogeographic analysis of black sea bass (*Centropristis striata*) based on rDNA ITS sequences.
- 10:15 am 20 **Joseph M. Quattro** (Dept. Biology, University of South Carolina)  
Phylogeography and conservation genetics of redeye bass (*Micropterus coosae*).
- 10:30 am 21 **Jason J. Powers** (MRD - SC DNR)  
Terrapin Excluder Devices (TEDs) in Blue Crab Traps, a SCDNR Cooperative Research Study.
- 10:45 am 22 **Jamie Sykes\*** (U.S. Corps of Engineers) and Gene Hayes (SC DNR)  
A Partnership for fish habitat on two Savannah River reservoirs.
- 11:00 am 23 **Suzanne Whitney** (Office of Public Affairs, SC DNR)  
South Carolina's monofilament recovery and recycling program: A volunteer-based environmental stewardship project.

11:15 am BREAK

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SESSION 6 FEBRUARY 5

11:30 AM – 12:45 PM

**MODERATOR: Mark Roberts**

- 11:30 am 24 **Virginia Shervette\*** (Baruch Institute, University of South Carolina) and Windsor Aguirre (Department of Ecology and Evolution, State University of New York at Stony Brook)  
Season changes in density, diversity, and community structure of fishes inhabiting a disturbed mangrove wetland and adjacent tidal river in Palmar, Ecuador.
- 11:45 am 25 **Michael D. Arendt\*** and Charles A. Barans (MRRI – SC DNR)  
Temporal variability in the composition of a multi-species assemblage at a small, un-fished artificial reef, documented using a remote video camera system.
- 12:00 am 26 **Gorka Sancho** (College of Charleston)  
Shallow water tracking of spotted sea trout movements in Charleston Harbor.
- 12:15 pm 27 **Bill Post** (SC DNR)  
Didson technology, a new way of fishing?
- 12:30 pm RAFFLE II, ADJOURN, AND LUNCH (provided)

**WE THANK ALL INDIVIDUALS, COMPANIES, AND ORGANIZATIONS  
THAT HAVE SUPPORTED OUR MEETING!**  
(see also page 9 and 10)



**DNR**

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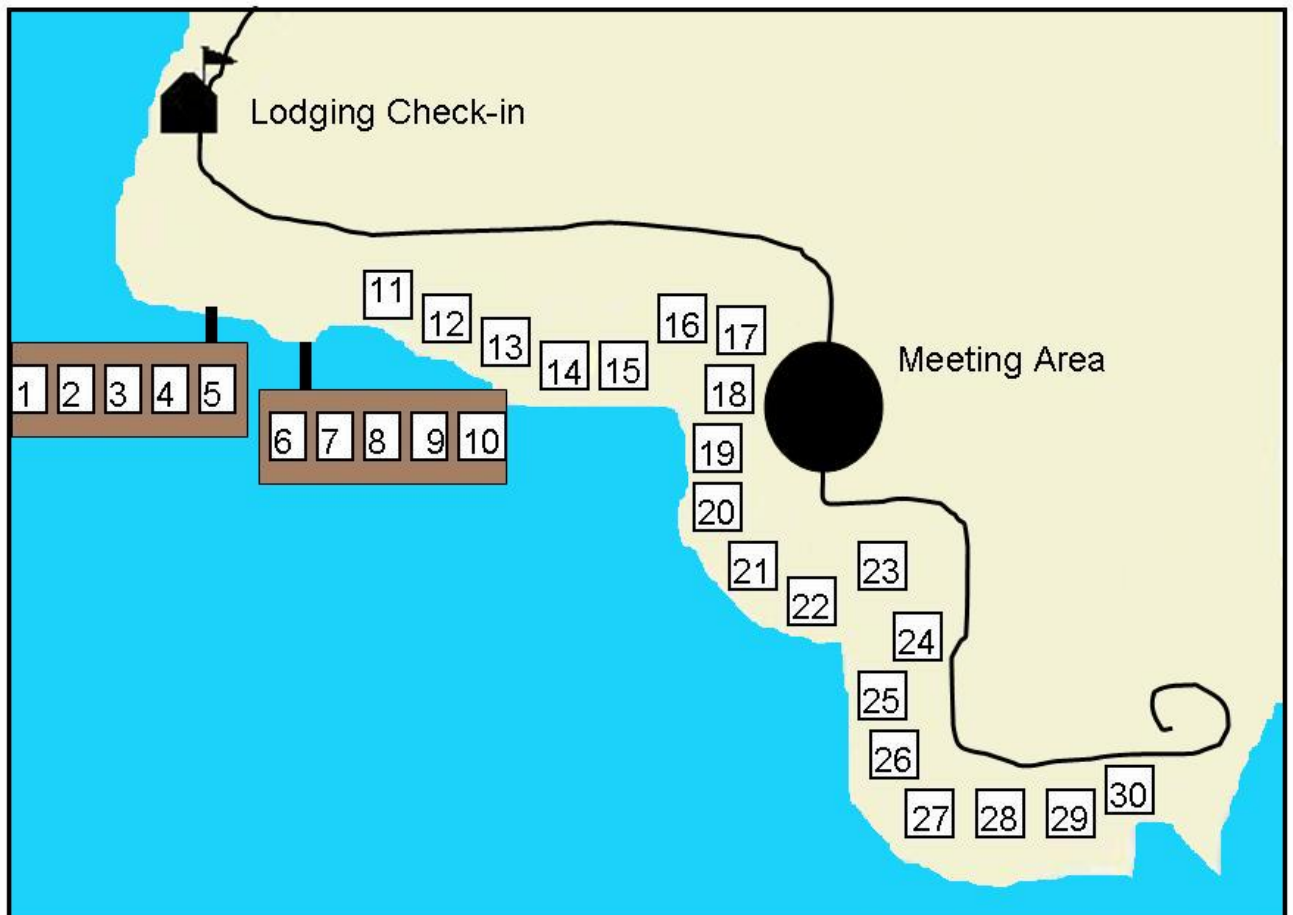
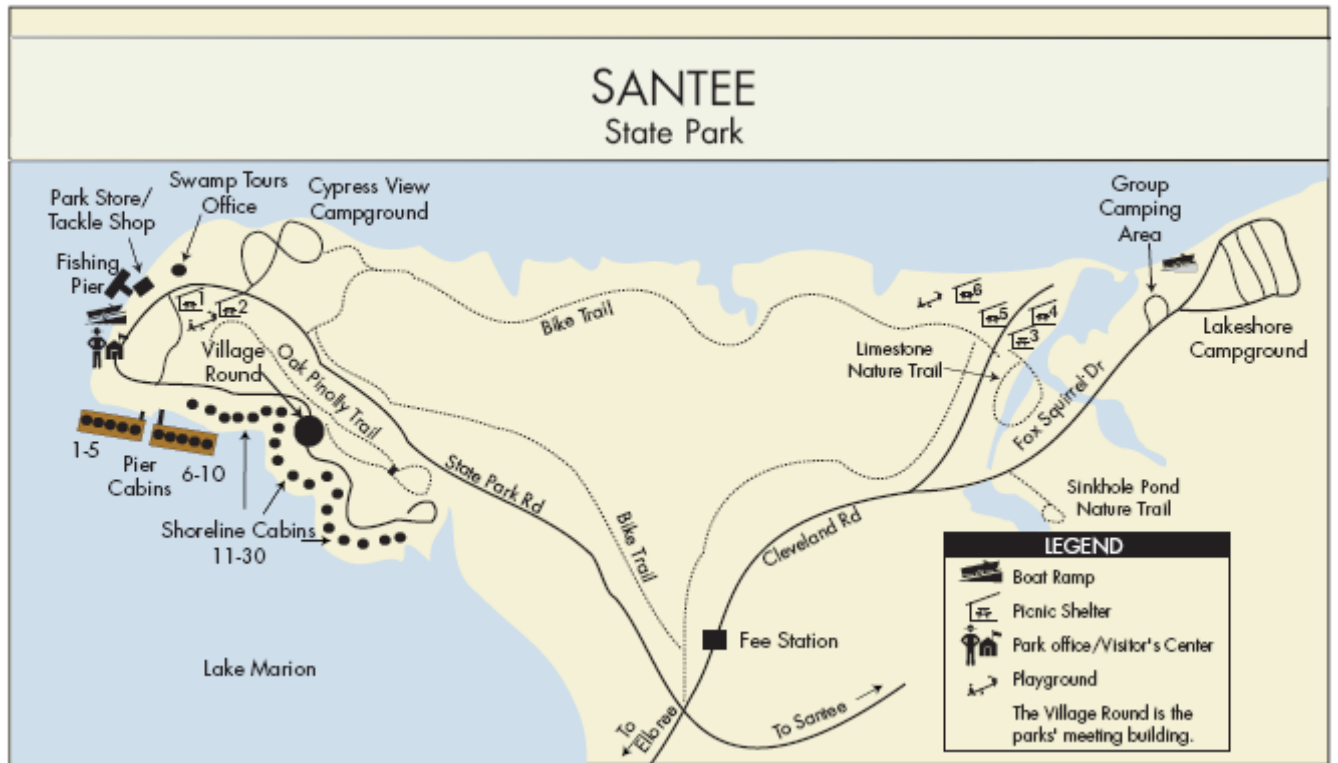
### Posters

Listed alphabetically by 1<sup>st</sup> author  
# : Student Poster

- 1) **Deliah Arrington** (SC DNR).  
Replacement of Fish Meal and Fish Oil with Poultry Meal and Algal Oils in Growout and Finishing Diets of Red Drum *Sciaenops ocellatus*.
- 2) **Max Bangs**<sup>#</sup> (Univ. S.Carolina)  
Saluda River Redeye Bass (*Micropterus coosae*); Native or Introduced?
- 3) **Laura Borecki, Michael Densen, and Tanya Darden** (MRRI – SC DNR).  
Genetic Markers for Analysis of Cobia Stock Enhancement and Population Structure.
- 4) **William Glen Brown and H. Scott Meister** (SC DNR).  
Fecal Contamination from Boater Sewage: Potential Impacts and Current Solutions.
- 5) **Jarrett Gibbons** ( Dennis Wildlife Center – SC DNR).  
Santee-Cooper Basin Shortnose Sturgeon Monitoring.
- 6) **Justin Lewandowski**<sup>#</sup> (University of South Carolina)  
One or two species of cownose ray (genus *Rhinoptera*) in the Western Atlantic and Gulf of Mexico?
- 7) **Mark Roberts**<sup>#</sup> (Univ. S. Carolina).  
Geographic variation of juvenile loggerhead sea turtle feeding grounds along the coastal Southeastern US.
- 8) **Pearse Webster and Patrick Biondo** (MRRI – SC DNR).  
A SC-centric look at SEAMAP.
- 9) **David Wyanski** (MRRI – SC DNR)  
An improved and simplified terminology for reproductive classification in fishes.

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## Maps of the meeting location





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### WE THANK OUR SPONSORS:

<b>Kleinschmidt Associates</b>	<b>- 204 Caughman Farm Ln.</b>	<b>Lexington, SC 29072</b>
<b>Charleston Angler</b>	<b>- 823 St. Andrews Blvd.</b>	<b>Charleston, SC 29407</b>
<b>Total Life Care</b>	<b>- 825 Wapoo Road</b>	<b>Charleston, SC 29407</b>
<b>Point Break Surf Shop</b>	<b>- 369 King Street</b>	<b>Charleston, SC 29401</b>
<b>Charleston Animal Society</b>	<b>- 3861 Leeds Ave.</b>	<b>Charleston, SC 29405</b>
<b>The Backpacker</b>		<b>Columbia and Charleston, SC</b>
<b>Henry DeVega</b>		<b>Charleston, SC</b>
<b>Shear Reflections Hair Salon</b>	<b>- 5101 Ashley Phosph. Rd.</b>	<b>N. Charleston, SC 29412</b>
<b>Coastal Expeditions</b>	<b>- 514 B Mill Street</b>	<b>Mt. Pleasant, SC 29464</b>
<b>Haddrell's Point</b>	<b>- 47 Windermere Blvd.</b>	<b>Charleston, SC 29407</b>
<b>Mimi's Creekside Restaurant</b>	<b>- 1241 Harborview Rd.</b>	<b>Charleston, SC 29412</b>
<b>Carolina 's and the Boathouse Restaurants</b>		<b>Charleston, SC</b>
<b>Stuckey's Furniture</b>	<b>- 113 Johnnie Dodds Blvd.</b>	<b>Mt. Pleasant, SC 29464</b>
<b>Dinkins Auto Service</b>	<b>- 1237 Camp Rd.</b>	<b>Charleston, SC 29412</b>
<b>Grand Ideas Specialty Items</b>	<b>- 14 Lord Ashley Drive</b>	<b>Charleston, SC 29407</b>
<b>Mike's Bikes</b>	<b>- 808 Folly Road</b>	<b>Charleston, SC 29412</b>
<b>Wonder Works gift shop</b>	<b>- 975 Savannah Hwy</b>	<b>Charleston, SC 29407</b>
<b>One Love Creations - Christy Perez</b>		<b>Charleston, SC</b>
<b>Boater's World</b>	<b>- 6711 Ritz Way</b>	<b>Beltsville, MD 20705</b>
<b>Crosby's Fish and Shrimp</b>	<b>- 2223 Folly Road</b>	<b>Charleston, SC 29412</b>
<b>Orlando Brothers Pizza</b>	<b>- 295 Seven Farms Dr.</b>	<b>Daniel Island, SC 29492</b>
<b>Piggly Wiggly</b>	<b>- 1005 Harborview Road</b>	<b>Charleston, SC 29412</b>
<b>West Marine</b>	<b>- 975 Savannah Hwy.</b>	<b>Charleston, SC 29407</b>
<b>Audubon SC</b>		
<b>Santee Cooper Power Company</b>		
<b>Harry Hampton Wildlife Mem. Fund</b>		<b>Charleston, SC</b>
<b>David Whitaker</b>		<b>Charleston, SC</b>
<b>Nutro (SuperPetz)</b>	<b>- 2140 Majestic Poplar Dr.</b>	<b>Waxhaw, NC 28173</b>
<b>Best Buy</b>		<b>Charleston, SC</b>

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