



FALL MEETING PROGRAM

October 22-24, 1992 Marineland, Florida

General Program

Thursday - Oct. 22	1800-2200	Registration
	1900-2200	Poster Session & Social
	2000	SEERS Board Meeting
Friday - Oct. 23	0730-0930	Registration and Information
	0800-1215	Paper Session I
	1215-1330	Lunch
	1330-1710	Paper Session II
	1710-1800	Business Meeting, Awards & <i>Surprises</i>
	1800	Attitude Adjustment
	1900	Fish Fry
Saturday - Oct. 24	0800-1200	Field Trips and <i>Other Surprises</i>

Meeting Announcements

* The fall meeting of SEERS will be held on October 22-24 at the University of Florida Whitney Marine Laboratory in Marineland, FL. Registration, poster and paper sessions, and the Fish Fry will be held at Whitney Marine Lab. Room reservations can still be made at the nearby Quality Inn by calling 800-824-4218 (in Fla) or 800-874-0492 (outside Fla). Be sure to inform the hotel that you are participating in the SEERS meeting.

* Registration: As usual, all attendees will be required to register. A registration fee of \$20 (\$10 for students) will include the socials, coffee breaks, meeting expenses, and the Fish Fry on Friday evening.

* *Note: All oral papers will be limited to 15 minutes with 5 minutes for questions. Please prepare your talk so that you will not run over this allotted time. There will be a one minute warning at 14 minutes, so you will know to wrap it up.*

* **Titles and abstracts** for Posters will be accepted until registration on Thursday evening, but please don't wait until the meeting. Call titles to *Liz Noble* (SEERS program chairperson) or her secretary (919-726-7021) by October 20, so that an updated list can be distributed at registration. Otherwise, bring plenty of your own abstract copies for distribution. **Note to poster presenters:** *Supplies for displaying your poster will be provided at the meeting but come prepared.* Paper and poster abstracts will be available for distribution at the registration table. Pick up your copy any time during the meeting.

* A bulletin board will be available to post items of interest. If you have job announcements, special photographs, new publications, or brochures that you would like to share, bring them to the registration desk.

* Poster and paper awards will be presented at the end of Friday's paper session and before the Business Meeting. Please stay for this and some other special events immediately following the last paper.

* We gratefully acknowledge Olsen Associates, a coastal engineering firm of Jacksonville, FL, Jacksonville University, and Whitney Marine Lab for their generous monetary contributions to this meeting.

* Special thanks are extended to Whitney Marine Laboratory and Dr. Mike Greenberg, lab director, for graciously accommodating our fall '92 rendez-vous.

* Our own folks have been pretty industrious, too. Be sure to give Quinton White (responsible for local arrangements) a hearty pat on the back. He really has come through for us. Also, we want to recognize the labors of Tom Jones and Lynn Barker for their contribution to this meeting.

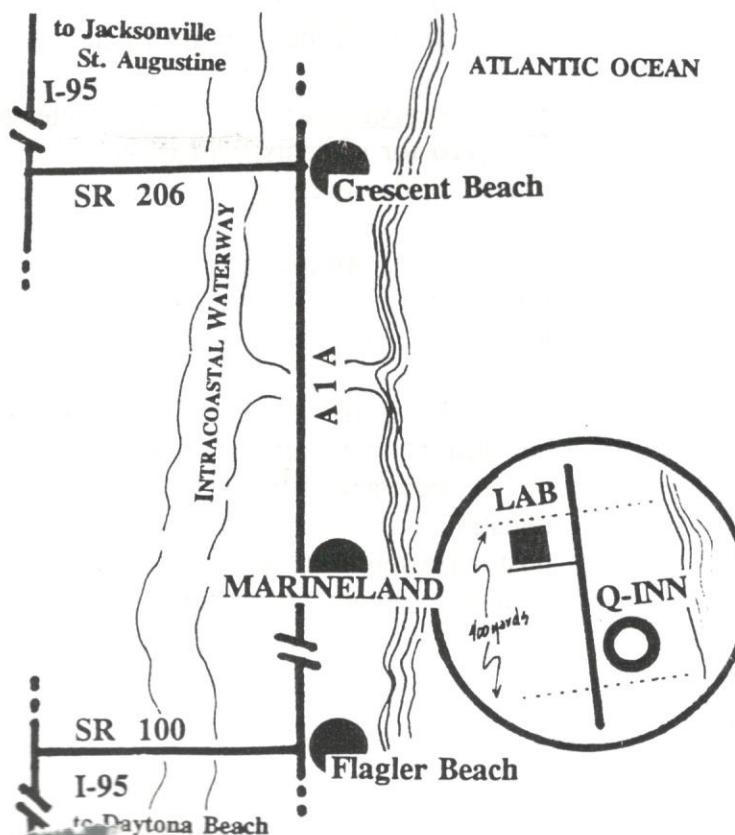
* On Saturday, we have put together several field trips that we think you will enjoy. You can sign up for them at the registration table at any time on Friday or Saturday am. The field trips include the following: Marineland, Inc. behind the scenes tour with Dr. Joan Whaley; Washington Oaks State Gardens tour with Robin Trindell; Florida saltmarsh with Dr. Clay Montague (direct from Switzerland). Be sure and take advantage of one or all three.

DIRECTIONS TO QUALITY INN AND MEETING FACILITIES

Take I-95. From north, exit onto SR 206, to Crescent Beach.
Head south on A1A.

From south, exit onto SR 100, to Flagler Beach.
Head north on A1A.

See inset for proximity of the Quality Inn to Whitney Lab. Quality Inn has a lounge & restaurant. There are snack bars in the aquarium and a restaurant & pizza parlor in town. St. Augustine is only 15 min away and has lots to offer.



POSTER SESSION
Thursday Night (1900-2200) - October 22

Rookery Bay, Florida National Estuarine Research Reserve
Michael A. Shirley. Naples, FL

Potential use of the *Microtox* system for assessment of marine biotoxins.

Alexis E. Sperr and Gregory Doucette. National Marine Fisheries Service, Charleston SC

Enclosure deployment at a thin-layer disposal site: Preliminary results from a fish feeding experiment.

Adam Walker, David Colby, Patti Marraro, Lynn Barker. National Marine Fisheries Service Laboratory, Beaufort, NC

FRIDAY MORNING - PAPER SESSION I

Session Chair: Clay Montague

0800 Welcome and Announcements

0815 **Summer habitat utilization patterns of Atlantic and shortnose sturgeons in the Altamaha Delta; evidence for critical function.**

* S. Gordon Rogers, Phillip Flournoy, & Paulette Crawford. Georgia Coastal Resources Division, Brunswick, GA

0835 **An evaluation of methods for assessing spatial and temporal changes in the coverage of seagrass beds.**

** W. Schlese Heidelbaugh & Walter G. Nelson. Florida Institute of Technology, Melbourne, FLA

0855 **Sources of variation in epigrowth load for three seagrasses in the Indian River Lagoon, Florida.**

** Scott W. Harden, Walter G. Nelson & Dean R. Norris. Florida Institute of Technology, Melbourne, FLA

0915 **Evidence for hybridization between an aquaculture stock and a natural population of hard clam, *Mercenaria mercenaria*, near Charleston, South Carolina.**

** Katharine L. Metzner-Roop. Grice Marine Biological Laboratory, University of Charleston, SC

- 0935 **Development of a benthic index of environmental quality.**
* A.F. Holland & S.B. Weisberg. South Carolina Marine Resources Research
Institute, Charleston, SC

0955-1035 **COFFEE BREAK**

FRIDAY MORNING - PAPER SESSION I

Session Chair: Brad Williams

- 1035 **Distributions and flux of nutrients and organic matter in the Cooper River Estuary: Point source loads vs. non-conservative exchange.**
** T. Munnerlyn, H. McKellar, & E. Blood. University of South Carolina, Columbia, SC
- 1055 **Feral horse grazing induces changes in the salt marsh grass *Spartina alterniflora* and its utilization by marine detritivores.**
Robbin N. Trindell. Florida Department of Natural Resources, St. Augustine, FL
- 1115 **Contribution of marine snow to the diet of juvenile white mullet.**
** Earl T. Larson. Grice Marine Biological Laboratory, University of Charleston, SC
- 1135 **Occurrence and microdistribution of selected metazoan parasites of *Cynoscion nebulosus* in the Charleston Harbor Estuary.**
** George Riekerk. Grice Marine Biological Laboratory, University of Charleston, SC
- 1155 **The role of salinity fluctuations in determining seagrass distribution and species composition.**
** Scott D. Fears. Systems Ecology Program, Dept. of Environmental Engineering Sciences, University of Florida, Gainesville, FL

1215-1330 **LUNCH**

FRIDAY AFTERNOON - PAPER SESSION II

Session Chair: Ed Caine

- 1330 **Population structure as seen in king mackerel tournament data.**
A. Quinton White. Dept. of Biology & Marine Science. Jacksonville University, Jacksonville, FL

* Presenter / ** Student paper

- 1350 **Interactions among some dominant estuarine nekton species.**
 * Ginger Ogburn-Matthews & Dennis Allen. University of South Carolina Baruch Marine Field Laboratory, Georgetown, SC
- 1410 **Recolonization of restored red mangrove habitat by fish and macroinvertebrates.**
 Michael A. Shirley. Rookery Bay National Estuarine Research Reserve, Naples, FL
- 1430 **Seasonal salinity variations in Florida's Indian River Lagoon.**
 Ned P. Smith, Harbor Branch Oceanographic Institution, Ft. Pierce, FL
- 1450 **A comparison of tidal and wind-driven flow at two study sites in Indian River Lagoon - Part II.**
 Patrick A. Pitts. Harbor Branch Oceanographic Institution, Ft. Pierce, FL
- 1510-1530 **BREAK**

FRIDAY AFTERNOON - PAPER SESSION II
 Session Chair: Dennis Allen

- 1530 **Larval fish distribution in relation to cross-shelf transport and subsequent estuarine recruitment. (Plymouth, England revisited)**
 Don Hoss. National Marine Fisheries Service Laboratory, Beaufort, NC
- 1550 **A methodology for selecting among alternative dredge material disposal sites.**
 * A.F. Holland & R.F. Van Dolah. South Carolina Marine Resources Research Institute, Charleston, SC
- 1610 **Effects of dredging for beach nourishment on benthic communities in the near-shore zone off Hilton Head Island, SC**
 R.F. Van Dolah. South Carolina Marine Resources Research Institute, Charleston, SC
- 1630 **How much does inlet management affect fish recruitment to estuaries? Some quasi-quantitative speculation.**
 Clay L. Montague. Dept. of Environmental Engineering Sciences, University of Florida, Gainesville, FL
- 1650 **Coastwatch Change Analysis Program: An Overview.**
 Don Field. National Marine Fisheries Service Laboratory, Beaufort, NC
- 1710 **Short Business Meeting, Awards, & Surprises**
- 1800 **Attitude Adjustment Session & Fish Fry (1900)**