

INSIDE SEA GRANT

VOLUME 4, NUMBER 2

WINTER 2000

Consortium Web site open

The S.C. Sea Grant Consortium recently unveiled its rebuilt Web site at www.scseagrant.org, featuring an array of information about coastal and marine issues for researchers, educators, students, and the public.

The site offers Web pages about Sea Grant research, extension, and educational activities. It includes current and back issues of the periodicals *Coastal Heritage* and *Inside Sea Grant*, frequently updated information about ongoing projects such as Beach Sweep/River

Sweep and 113 Calhoun Street: A Center for Sustainable Living, and links to other research and educational institutions.

The easy-to-navigate site uses innovative tools such as a new multi-media software from Macromedia called "Flash," providing animation and sound through relatively small files. Users can download this software when they enter the site. The Flash software will eventually allow S.C. Sea Grant to create interactive educational activities for students and other users.

scseagrant.org

Inside Sea Grant is published two times a year to inform interested constituents about opportunities, activities, goals and accomplishments of the S.C. Sea Grant Consortium.

S.C. Sea Grant Consortium is a university-based network supporting research, education, and outreach to conserve coastal resources and enhance economic opportunity for the people of South Carolina.

Editors
Linda Blackwell
John H. Tibbetts

Art Director
Patty Snow

Contributing Writers
Peg Alford
Rick DeVoe

Direct correspondence to:
Inside Sea Grant Editor
S.C. Sea Grant Consortium
287 Meeting Street
Charleston, SC 29401
phone (843) 727-2078
fax (843) 727-2080
www.scseagrant.org

Sea Grant staff hired

April L. Turner has joined the S.C. Sea Grant Extension Program as a community development specialist. She will provide education programs on issues related to coastal growth and the conservation of natural resources.



Turner

April has a B.A. in geography from the University of Colorado with a major in environmental conservation and a M.A. from

Clemson University in parks, recreation, and tourism management. She was recently an environmental planner at the S.C. Dept. of Environmental Control, Office of Ocean and Coastal Resource Management.

Martha Amundsen, the new administrative specialist at S.C. Sea Grant Consortium, will perform a variety of administrative assignments for the research, communications, and extension departments.



Amundsen

Martha will handle the Consortium's incoming calls and coordinate the administrative filing system. She was previously employed as medical case

manager with Careteam, Inc., a non-profit HIV/AIDS organization that serves clients in Horry, Georgetown, and Williamsburg counties.

Sea Grant
S.C. Sea Grant Consortium

287 Meeting St.
Charleston, SC 29401
phone (843) 727-2078
fax (843) 727-2080
www.scseagrant.org

NOTE NEW E-MAILS

Rick DeVoe
Executive Director
Rick.Devoe@scseagrant.org

Elaine Knight
Assistant Director
Elaine.Knight@scseagrant.org

Linda Blackwell
Communications Director
Linda.Blackwell@scseagrant.org

John Dwyer
Assistant to the Director
for Program Management
John.Dwyer@scseagrant.org

COMMUNICATIONS STAFF

Peg Alford
Public Information
Specialist
Peg.Alford@scseagrant.org

Patty Snow
Art Director
Patty.Snow@scseagrant.org

John H. Tibbetts
Writer
John.Tibbetts@scseagrant.org

ADMINISTRATIVE STAFF

Martha Amundsen
Administrative Assistant
Martha.Amundsen@scseagrant.org

Annette Dunmeyer
Administrative Specialist II
Annette.Dunmeyer@scseagrant.org

Marlene Wiggins
Administrative Assistant
Marlene.Wiggins@scseagrant.org

Officials support Beach Sweep/River Sweep

Beach Sweep/River Sweep 2000 got an extra boost this year from South Carolina officials. Several mayors, including Carmen Bunch of the Isle of Palms, Joseph P. Riley of Charleston, Mark S. McBride of Myrtle Beach, Ronald Hayman of Surfside Beach, and Joe M. Shaw of Lancaster, officially proclaimed September 16, 2000, Beach Sweep/River Sweep Day, urging staff and citizens to participate in the cleanup scheduled for that day. U.S. Rep. Mark Sanford actively supported the Sweep, bringing his family, friends, and staff, to help him clean the Sullivan's Island beach.

The annual statewide cleanup, the largest one-day effort of its kind to clear waterways of aquatic debris, has been saving taxpayers millions of dollars each year. It is funded by donations and the actual work is done by volunteers. This year over 5,000 volunteers swept 64,000 pounds of garbage from the beaches, rivers, marshes, and lakes.

If that sounds like a lot of trash, consider this: There are many sites that weren't included in the cleanup. "We'd love to have every waterway cared for," said Peg Alford, coastal coordinator. "Unfortunately, not enough people come forward and commit to coordinating a site." Still, Alford said that the organizers—S.C. Sea Grant Consortium, the S.C. Department of Natural Resources, and SCANA—are fortunate in that they do have numerous coordinators who have consistently organized volunteers for each of the past 11 years, since the first event in 1988. "We couldn't do the sweep without them," said Alford.

The Beach Sweep/River Sweep program will continue its work to increase the public's awareness of the dangers of aquatic debris, striving to get all people involved in taking care of their natural resources. To help, call Peg Alford at S.C. Sea Grant Consortium, at (843) 727-2078.

Accomplishments

Minority students to receive internship aid

The National Sea Grant College Program has awarded \$135,000 to the S.C. Sea Grant Consortium to support a South Carolina State University proposal that will foster student careers, research and workforce competitiveness in marine and related sciences.

Through innovative partnerships, S.C. State will provide opportunities for South Carolina's minority students to be better prepared for careers in marine sciences, with a focus on aquaculture. Up to six students each year will receive internships during the three-year project, scheduled to run through 2003.

Project partners include Lockheed Martin Energy Systems, Maritime Transportation Research Center, South Carolina Technology Alliance, College of Charleston, South Carolina Department of Natural Resources, and South Carolina Sea Grant Consortium.

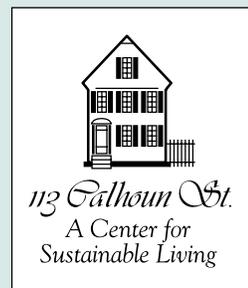
Donald Anadu, associate professor in the Department of Biology, leads the project, and **S. Sureshwaran**, assistant professor in the Department of Agribusiness and Economics, serves as co-investigator.

113 Calhoun Street dedicated

113 Calhoun Street: A Center for Sustainable Living was dedicated on Thursday, Oct. 19, at 113 Calhoun St. in downtown Charleston.

113 Calhoun St. develops low-cost tools and techniques, educational activities and technical assistance programs in three areas: Natural Hazard Mitigation, Sustainable Building Practices, and Sustainable Living.

Within the Natural Hazard Mitigation theme, the center demon-



at a glance

strates methods of minimizing loss of life and property from effects of flood, wind and earthquake events.

Within the Sustainable Building theme, 113 Calhoun St. addresses how to reuse building materials, recycle construction waste, and employ sustainable landscaping techniques.

Within the Sustainable Living theme, the center demonstrates how people can manage household hazardous waste and improve indoor air and water quality.

Speakers at the dedication ceremony included Charleston Mayor Joseph P. Riley Jr.; James Barker, president of Clemson University; Leroy Davis, president of S.C. State University and chair of the S.C. Sea Grant Consortium Board of Directors; Stan McKinney, director of the S.C. Emergency Management Department; Roland Windham, administrator for Charleston County; and Mike Armstrong, associate director of the Federal Emergency Management Agency.

113 Calhoun St. is now open for walk-ins 9a.m.-noon, M-F, and by appointment. For appointments and information, call (843) 727-6497.

20th Anniversary

The S.C. Sea Grant Consortium celebrated its 20th anniversary on Oct. 19 at the S.C. Aquarium in Charleston. Speakers included M. Richard DeVoe, executive director of the Consortium; Charleston Mayor Joseph P. Riley Jr.; Leroy Davis, Sr., president of S.C. State University and chair of the S.C. Sea Grant Consortium Board of Directors; and Margaret A. Davidson, acting assistant administrator of NOAA National Ocean Service and former executive director of the Consortium.

Knight selected for Leadership South Carolina

Elaine Knight, assistant director of the Consortium, has been selected to participate in the 22nd class year of Leadership South Carolina, which is sponsored by the Institute of Public Affairs at the University of South Carolina. The class helps participants invest their energy and talents for the improvement of the state of South Carolina.

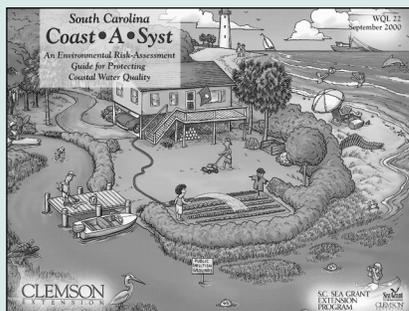
New publications

A new booklet, “**South Carolina Coast-A-Syst: An Environmental Risk-Assessment Guide for Protecting Coastal Water Quality**,” is now available. The booklet

provides information and self-assessments that will help you identify and correct pollution sources and health risks in your home and around your yard. For a free copy, call Cal Sawyer, S.C. Sea Grant Extension Program specialist, at (843) 722-5940 or e-mail calvins@clemson.edu.

“Holding on to Your Roof: A Guide to Retrofitting Your Asphalt Shingle Roof Sheathing Using Adhesives”

is a new publication developed by the S.C. Sea Grant Extension Program in cooperation with Clemson’s Wind Load Test Facility. The guide details how readers can strengthen their roofs using common wood glue. The roof “sheathing”—the layer between the rafters and shingles—can be one of the most vulnerable areas of a home in high winds. But you can help “hold on to your roof” by applying a quarter-inch bead of adhesive at the junction of the rafter and sheathing. For a free copy, call the S.C. Sea Grant Consortium (843) 727-2078.



S.C. SEA GRANT EXTENSION PROGRAM

S.C. Sea Grant Extension Program is a joint outreach program of Clemson University's Cooperative Extension Service and the S.C. Sea Grant Consortium.

NOTE NEW E-MAILS

Bob Bacon
Program Leader
S.C. Sea Grant
287 Meeting St.
Charleston, SC 29401
phone (843) 727-2075
fax (843) 727-2080
Robert.Bacon@scseagrant.org

Beth Judge
Coastal Hazards Specialist
S.C. Sea Grant
287 Meeting St.
Charleston, SC 29401
phone (843) 727-2075
fax (843) 727-2080
Beth.Judge@113calhoun.org

Miles Phillips
Coastal Recreation and Tourism Specialist
CCU-Center for Marine and Wetland Studies
1270 Atlantic Avenue
Conway, SC 29526
phone (843) 234-1424
fax (843) 234-0114
miles@ac.coastal.edu

Calvin Sawyer
Coastal Environmental Quality Specialist
Clemson Extension Office
259 Meeting St.
Charleston, SC 29401
phone (843) 722-5940
fax (843) 722-5944
calvins@clemson.edu

April Turner
Community Development Specialist
S.C. Sea Grant
287 Meeting St.
Charleston, SC 29401
phone (843) 727-2075
fax (843) 727-2080
April.Turner@scseagrant.org

Jack Whetstone
Aquaculture Specialist
Clemson Extension Office
PO Drawer 1100
Georgetown, SC 29442
phone (843) 546-4481
fax (843) 546-2852
jwhstn@clemson.edu

The Consortium's Board of Directors is composed of the chief executive officers of its member institutions.

Dr. Leroy Davis, Sr.
Board Chair
S.C. State University

James F. Barker
Clemson University

Dr. Raymond Greenberg
Medical University
of South Carolina

**Major General
John S. Grinalds**
The Citadel

Dr. Ronald R. Ingle
Coastal Carolina University

Dr. John M. Palms
University of South Carolina

**Judge Alexander
M. Sanders, Jr.**
University of Charleston, S.C.

Dr. Paul A. Sandifer
S.C. Department of
Natural Resources

Message from the Executive Director:

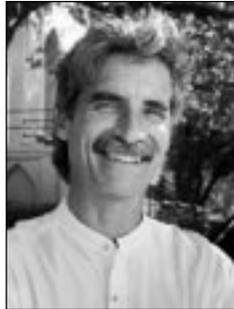
Twenty years

It is hard for me to believe that the S.C. Sea Grant Consortium is celebrating its twentieth anniversary this year. When I arrived on the scene in October 1980, the Consortium's total budget was a little more than \$500,000. Today, we are a \$5.6 million agency involved in research, education, and extension programs that focus on a diversity of topics. Consortium faculty and staff are engaged in studies and outreach programs that address aquaculture, coastal hazards, marine biotechnology, nature-based tourism and recreation, coastal environmental quality, land use, ecosystem studies, coastal ocean research, shoreline change, and others. Our programs have been created to serve the needs of residents and visitors who live, work, and play along the coast.

The S.C. Sea Grant Consortium has been able to survive and grow because of the continued support, interest, and involvement

of the Consortium's member institutions and their faculty and staff, the S.C. General Assembly, the National Sea Grant College Program and our other federal partners, our sister state agencies, and, most importantly, the citizens of South Carolina to whom we direct our programs and activities.

We must now look to the future and the emerging issues that will shape the Consortium's programs over the next 20 years. Visitors continue to flock to the South Carolina shoreline. And our coastal population continues to increase—a recent report suggests that at least 500,000 new residents are expected to move to our eight coastal counties within the next 20 years. Studies by the Clemson University's Strom Thurmond Institute suggest that urbanization will continue to have profound effects on our coastal landscape, and communities will experience ever-increasing pressures on their abilities to accommodate this growth. How we deal with and respond to these challenges will in part depend on the availability of science-based information and its application—a call to which the S.C. Sea Grant Consortium intends to respond.



Rick DeVoe

Sea Grant
S.C. Sea Grant Consortium
287 Meeting Street
Charleston, SC 29401

20
YEARS
S.C. Sea Grant Consortium
www.scseagrant.org

NON-PROFIT ORG
U.S. Postage Paid
Charleston, S.C.
PERMIT #248