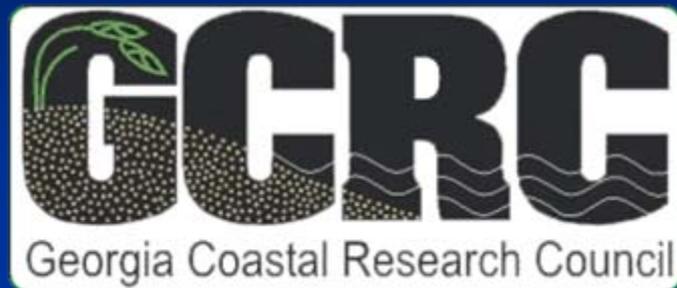




## GCE – Outreach & Education



<http://www.gcrc.uga.edu>

Project Director – Merryl Alber

Project Coordination – Janice Flory, Christine Laporte

Research Staff – Joan Sheldon, Wade Sheldon, John Carpenter





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## **US Commission on Ocean Policy**

“Ocean policy decisions should be based on the best available understanding of the natural, social, and economic processes that affect ocean and coastal environments.

Decision makers should be able to obtain and understand quality science and information in a way that facilitates successful management of ocean and coastal resources.”



## **GCRC Goals**

- To provide mechanisms for improved scientific exchange between coastal scientists and decision makers.
- To promote the incorporation of best-available scientific information into State and local resource management.



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# **GCRC Approach**

**Facilitating interactions between scientists & managers**

**Synthesizing technical information**

**Conducting research**

**Communicating results**



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# **GCRC Approach**

**Facilitating interactions between scientists & managers**

Listserv

Website

Meetings and research colloquia

**Synthesizing technical information**

**Conducting research**

**Communicating results**



## **GCRC Affiliated Scientists & Managers (106)**

- Georgia College and State Univ. (2)
- Georgia Institute of Technology (6)
- Georgia Southern University (10)
- Indiana University (1)
- Louisiana State University (1)
- Savannah State University (8)
- State University of West Georgia (1)
- University of Florida (1)
- UGA & UGAMI (22)
- UGA Marine Ext. Service (5)
- University of Houston (1)
- University of Massachusetts (1)
- University of New England (1)
- University of West Florida (1)
- GA DNR, CRD (10)
- GA DNR, EPD (3)
- GA DNR, WRD (3)
- Georgia Forestry Commission (1)
- Georgia Important Bird Areas (1)
- Nat'l Marine Sanctuaries Prog.(3)
- NOAA (2)
- National Park Service (1)
- Private consulting firm (1)
- Sapelo Island NERR (1)
- Skidaway Inst. of Ocean. (11)
- S. California CWRPA (1)
- US Army Corps of Engineers (3)
- US Geological Survey (3)



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# **GCRC Approach**

**Facilitating interactions between scientists & managers**

**Synthesizing technical information**

**Conducting research**

**Communicating results**



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# **GCRC Approach**

**Facilitating interactions between scientists & managers**

**Synthesizing technical information**

**Stormwater treatment in coastal areas**

**Environmental effects of docks and marinas**

**Marshgrass dieback update**

**Conducting research**

**Communicating results**



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Outreach & Education**

# **GCRC Approach**

**Facilitating interactions between scientists & managers**

**Synthesizing technical information**

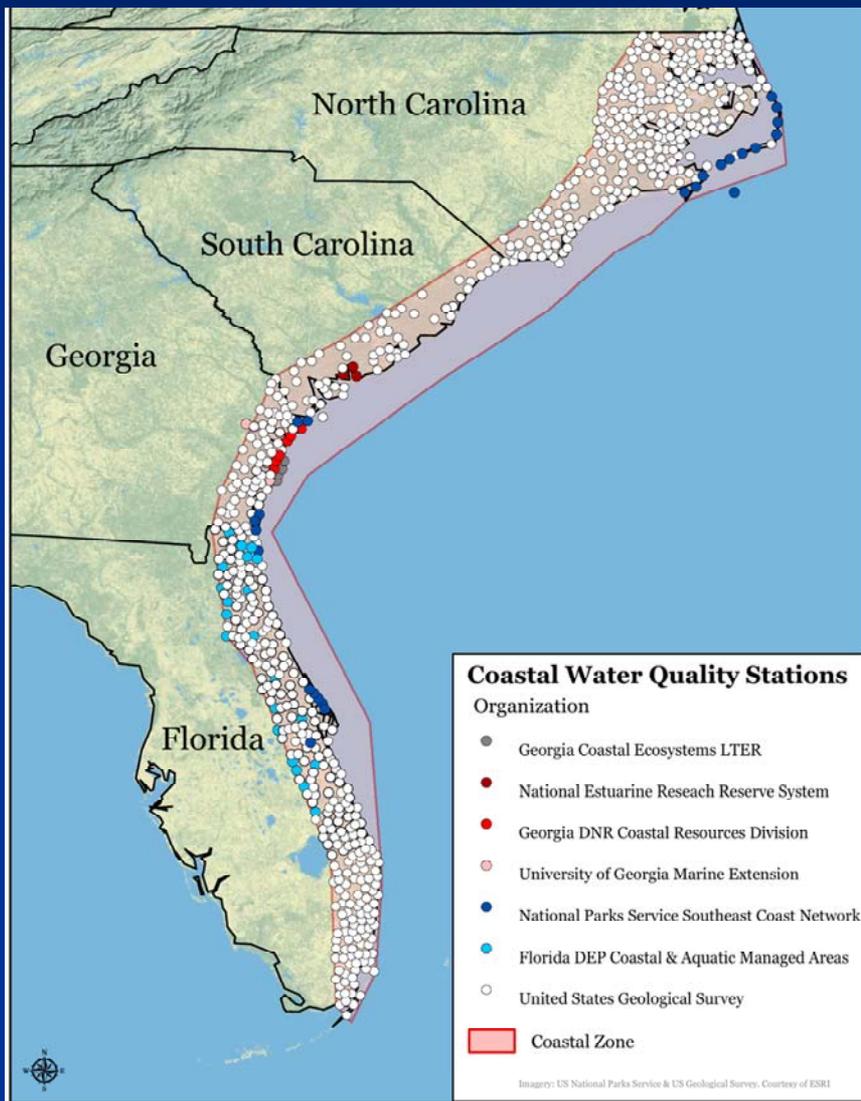
**Conducting research – and leveraging funds**

**Communicating results**



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# Southeast Coastal Water Quality



**Goal: To develop a  
database and web  
portal of water quality  
monitoring program  
metadata**

[www.gcrc.uga.edu/wqmeta](http://www.gcrc.uga.edu/wqmeta)

**41 monitoring programs with  
WQ data from 16,182  
monitoring sites**





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# **GCRC Approach**

**Facilitating interactions between scientists & managers**

**Synthesizing technical information**

**Conducting research**

**Coastal water quality**

**Watershed assessments**

**Marsh dieback**

**Regional research needs**

**Communicating results**



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# **SARRP**

## **South Atlantic Regional Research Project**

[www.gcrc.uga.edu/sarrp.htm](http://www.gcrc.uga.edu/sarrp.htm)

- **Needs assessment**
- **Regional survey of coastal issues**
- **Workshops**

**The plan is in development.**

**A Governors Alliance has been formed.**



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# **GCRC Approach**

**Facilitating interactions between scientists & managers**

**Synthesizing technical information**

**Conducting research**

**Communicating results**

**Presentations (ex. Coastal Advisory Committee)**

**Articles for Coastal Management Program publication**

**Website ([www.gcrc.uga.edu](http://www.gcrc.uga.edu))**



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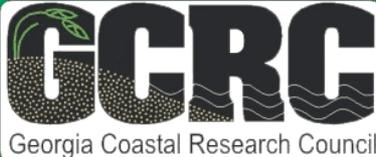
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http://www.gcrc.uga.edu/index.html

www.gcrc.uga.edu

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## Welcome

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[Research Needs](#)

[Coastal Georgia Colloquium](#)

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### September 2009 Announcements

Scroll down for all the announcements or click directly on items of interest.

<b>Funding</b>	<a href="#">Environmental Engineering</a> (Nat'l Sci Foundation)
	<a href="#">Coastal Hypoxia Research Program</a> (NOAA)
	<a href="#">Harmful Algal Bloom Program</a> (NOAA)
	<a href="#">National Oceanographic Partnership Program and Interagency Committee on Ocean Science and Resource Management Integration</a> (US Dept of Defense)
<b>Conferences</b>	Call for Abstracts: <a href="#">2010 Land Grant and Sea Grant National Water Conference</a>
	<a href="#">Estuaries and Coasts in a Changing World</a> (CERF)
	Call for Abstracts: <a href="#">22nd International Coastal Conference</a> (The Coastal Society)
<b>Feedback Wanted</b>	<a href="#">Center for Operational Oceanographic Products and Services</a> (NOAA National Ocean Service)
<b>Workshops</b>	Materials Available: <a href="#">Planning for Climate Change</a> (NERRS)
	<a href="#">Mapping Georgia Communities</a> : An Introduction to GIS & Community Analysis
<b>Resources</b>	<a href="#">Coastal &amp; Estuarine Science News</a> (Coastal and Estuarine Research Federation)
	<a href="#">Gulf of Mexico News</a> (NOAA Ocean Service)
<b>Documents of Interest</b>	<a href="#">Ground Water Conditions and Studies in Georgia, 2006-2007</a> (USGS)
	<a href="#">Coastal Stormwater Supplement to the Georgia Stormwater Manual</a>
<b>Projects of Interest</b>	<a href="#">South Atlantic Regional Research Planning</a>

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### - Call for Abstracts: 2010 Land Grant and Sea Grant National Water Conference

Proposals for oral presentations and posters are now being accepted for the Land Grant and Sea Grant National Water Conference (scheduled for February 21 to 25, 2010 at Hilton Head, SC). The conference provides opportunities for water scientists, engineers, educators, and managers to share knowledge and ideas, to identify and update emerging issues, and to network with leading researchers, educators, and innovators from academia, government, and the private sector. The conference is hosted by a team of educators from Land Grant and Sea Grant Institutions around the nation in cooperation with national program leaders from USDA and NOAA. Proposals are accepted through **September 15, 2009**. The five



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Georgia Coastal Research Council: Research - Mozilla Firefox

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GCRC: Dorset Hurley Georgia Coastal Research Council



## Georgia Coastal Research

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- [Microbial Ecology](#)
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- [Coastal Geology](#)
- [Biotechnology](#)
- [Aquaculture](#)
- [Fisheries](#)
- [Offshore and Nearshore Monitoring](#)
- [Social Science](#)

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Feel free to submit project summaries! Download the [blank form](#) (Word document), fill it out, and [email](#) it back to us.

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### Watershed Linkages

- [From Animal Farms to Oyster Beds: Tetracycline Resistance Genes in the Altamaha River Watershed and Estuary](#)  
A.L. Barkovskii, C. Coleman, A. Bozdog, G. Kohlhagen, L. Pierce, C. Green, Georgia College and State University
- [Geochemical and Microbial Signatures for Anthropogenic Disturbance of Coastal Environments](#)  
Andrei L. Barkovskii (Georgia College and State Univ.), Dave S. Bachoon (Georgia College and State Univ.), and Johannes E. Leisen (Georgia Inst. of Tech.)
- [The Influence of Land Use on Groundwater-Derived Nutrients and Organic Inputs to the South Atlantic Bight](#)  
Mandy Joye, Wei-Jun Cai, Deborah Bronk, (Dept. of Marine Sciences, Univ. of Georgia) and

Done



# GCRC Focus Areas

The screenshot shows a Mozilla Firefox browser window displaying the website [http://www.gcrc.uga.edu/FocusAreas/marsh\\_hammocks.htm](http://www.gcrc.uga.edu/FocusAreas/marsh_hammocks.htm). The page features the GCRC logo and the title "Marsh Hammocks". A navigation menu on the left includes "Focus Areas", "Research Summaries", "Affiliated Scientists & Managers", "Research Needs", "Coastal Georgia Colloquium", "New / Updated Pages", "About the GCRC", and "Links". The main content area is titled "Marsh hammock / back-barrier island documents" and lists several research reports and summaries with their dates and authors. An "Additional links" section at the bottom provides a link to a South Carolina Department of Health and Environmental Control report.

**GCRC**  
Georgia Coastal Research Council

Marsh Hammocks

Home > Focus Areas > Marsh Hammocks

**Focus Areas**

- Research Summaries
- Affiliated Scientists & Managers
- Research Needs
- Coastal Georgia Colloquium
- New / Updated Pages
- About the GCRC
- Links

Search

### Marsh hammock / back-barrier island documents

- Georgia Coastal Ecosystems - Long Term Ecological Research project  
[Hammock Research Summary 2007](#) (PDF -- opens in new window)  
M. Alber, C. Alexander, S. Pennings, S. Joye  
[Hammock Research Summary 2008](#) (PDF -- opens in new window)  
M. Alber, C. Alexander, S. Pennings, S. Joye, C. Meile, A. Burd, W. Moore, V. Thompson
- [Back Barrier Island Semi-annotated Bibliography](#)  
**July 2004** (PDF -- opens in new window)  
Dr. Clark Alexander (Skidaway Institute of Oceanography and Applied Coastal Research Laboratory, Georgia Southern University) and Michael Robinson (Applied Coastal Research Laboratory, Georgia Southern University)
- [Georgia's Marsh Hammocks: A biological survey](#)  
**September 2003** (PDF -- opens in new window)  
Southern Environmental Law Center Report
- [Final Report of the Coastal Marsh Hammocks Stakeholders Dialogue](#)  
**June 2003** (Link to Coastal Resources Division of GA Dept of Natural Resources, new window)  
Report title, "Facilitating Human Dimensions Research On the Future Management Of Coastal Marsh Hammock Development"
- [Research Summary -- A Vegetative Survey of Back-Barrier Islands Near Sapelo Island, GA](#)  
**March 2003** (PDF -- opens in new window)  
Gayle Albers and Meryll Alber  
Proceedings of the 2003 Georgia Water Resources Conference, held April 23-24, 2003, at the University of Georgia. Kathryn J. Hatcher, editor, Institute of Ecology, The University of Georgia, Athens, Georgia.
- [Report of the Coastal Marsh Hammocks Advisory Council](#)  
**March 2002** (PDF -- opens in new window)  
Presented to Commissioner Lonice C. Barrett -- Georgia Department of Natural Resources

### Additional links

- An Ecological Characterization of Coastal Hammock Islands in South Carolina - **Dec 2004, final report**  
South Carolina Dept of Health and Environmental Control (Office of Ocean & Coastal Resource Management)  
[http://www.scdhec.net/environment/ocrm/pubs/docs/hammock\\_1204.pdf](http://www.scdhec.net/environment/ocrm/pubs/docs/hammock_1204.pdf)

- Marsh Hammocks
- Water Quality
- Marsh Dieback
- Regional Planning
- Stakeholder Issues



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# Comments?

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