

Georgia Sea Grant's Biennial Request for Research Proposals








Sea Grant
Georgia

Mission

To support research, education, and outreach activities that promote environmental and economic health in coastal Georgia by helping improve public resource policy, encouraging far-sighted economic and fisheries decisions, anticipating vulnerabilities to change and educating citizens to be wise stewards of the coastal environment.

- *Integrated approach to problem-solving.*
- *Research as a continuum towards widely useful results (broader impacts done very well)*
- *Knowledge to inform policy-making or individual choices*



Objectives

- Inform policy decisions
- Inform personal choices
- Connect academia to stakeholders
- Connect to broader issues such as resource uses, community needs, economics, etc.



Georgia Sea Grant's Research Program

- *40% funding invested into research*
- *Over 20M invested in research since inception*
- *Academic, societal, economic, workforce development*
- *Nearly \$400,000 being invested in research*
- *Nearly \$100,000 allocated for student traineeship program*



Potential End-Users

Environmental Managers

Local Governments

Decision-makers

Commercial Fishermen

K-12 students

Targeted groups within the general public



The “So What” question

- **Potential Academic and Professional Impact**
 - How does your research project advance scientific knowledge and understanding?
 - How does your research lead to preparing a competitive workforce in science?
- **Potential Societal and Economic Impact**
 - How will your science inform policy- or decision-making?
 - How does your research lead to development of newer tools to address management issues?
 - How does your research lead to cost savings?



Incorporating Future Infrastructure Decisions into Salt Marsh Migration Models*
Brian Bledsoe (The University of Georgia)

Is Groundwater a Potential Driver of Oyster Populations within Georgia Creeks?
John Carroll (Georgia Southern University)

Shrimp Black Gill in Georgia*
Mark Frischer (The University of Georgia)

**The Role of the Spartina Phytobiome in Restoration and Resilience to
Environmental Change***
Joel Kostka (Georgia Institute of Technology)

**Sensitivity of Gray's Reef invertebrates and Algae to Ocean Acidification and
Implications for the Ecosystem***
Daniel Gleason (Georgia Southern University)

A Social Census of Georgia's Working Waterfronts*
Jennifer Tookes (Georgia Southern University)

Real-time Flood Risk Modeling Using Social Media Data
Ge Zhang (Georgia Institute of Technology)

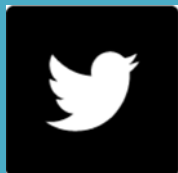


Tentative Timeline

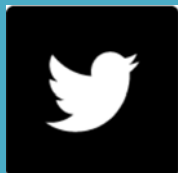
- *January 3: Call for pre-proposals launched*
- *January 23: Pre-proposal workshop*
- *March 8: Pre-proposals due*
- *April 10: Pre-proposal panel review meeting*
- *April 24: Full proposals invited*
- ***May 9-10: Research symposium and prospective researchers workshop***
- *June 14: Full proposals due*
- *July 31: Technical review panel*
- *August 30: Decisions communicated*



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