



MARINE EXTENSION AND GEORGIA SEA GRANT
RESEARCH SYMPOSIUM

Science Serving Georgia's Coast



Marine Extension and
Georgia Sea Grant
UNIVERSITY OF GEORGIA



1:00 – 1:15 p.m. **OPENING REMARKS** Jennifer Frum
Vice President of Public Service and Outreach

1:15 – 1:30 p.m. **OVERVIEW** Mark Risse
Director of Marine Extension and Georgia Sea Grant

1:30 – 2:20 p.m. **SUSTAINABLE FISHERIES AND AQUACULTURE**
Moderator: Tom Bliss

Climate Connections? New Approaches to Forecasting the Georgia Fall White
Shrimp Harvest in the Age of Shrimp Black Gill Marc Frischer
University of Georgia

An Update on the UGA Oyster Hatchery and Preliminary Results from a Regional Project
to Improve Oyster Production Using off-bottom Culture Techniques Tom Bliss
University of Georgia

Chemical Cues and Bacterial Mats: A Green Tech Approach for Oyster Recruitment Thomas Manning
Valdosta State University

2:20 – 3:15 p.m. **HEALTHY COASTAL ECOSYSTEMS**
Moderator: Katy Smith

Understanding our Coastal Shorelines to
Manage where the Sea Meets the People Kimberly Andrews
University of Georgia

Remotely Sensed Estimates of *Spartina*
alterniflora Belowground Biomass Deepak Mishra & Jessica O’Connell
University of Georgia

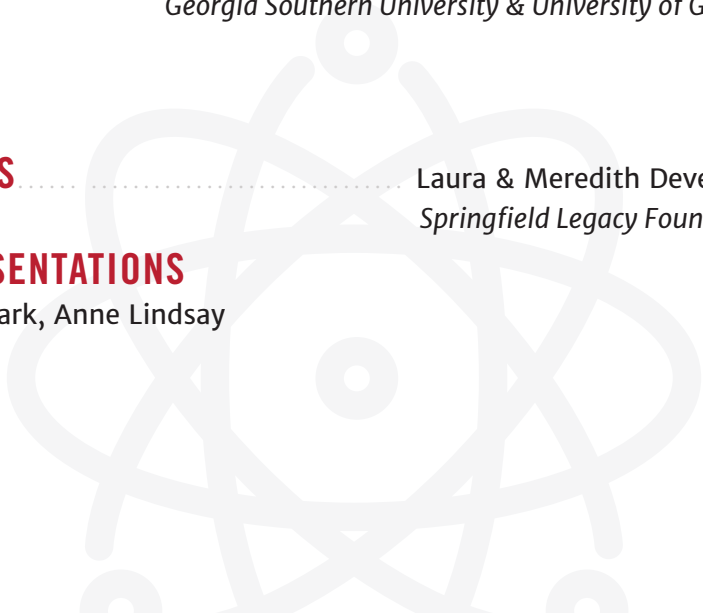
The Role of the *Spartina* Phytobiome in Restoration
and Resilience to Environmental Change Joel E. Kostka & Max Kolton
Georgia Institute of Technology

Sensitivity of Gray’s Reef Invertebrates and Algae
to Ocean Acidification and Implications for the Ecosystem Daniel Gleason & Brian Hopkinson
Georgia Southern University & University of Georgia

3:15 – 3:30 p.m. **BREAK**

3:30 – 3:45 p.m. **GUEST SPEAKERS** Laura & Meredith Devendorf
Springfield Legacy Foundation

3:45 – 5:15 p.m. **LIGHTNING PRESENTATIONS**
Moderators: Kayla Clark, Anne Lindsay



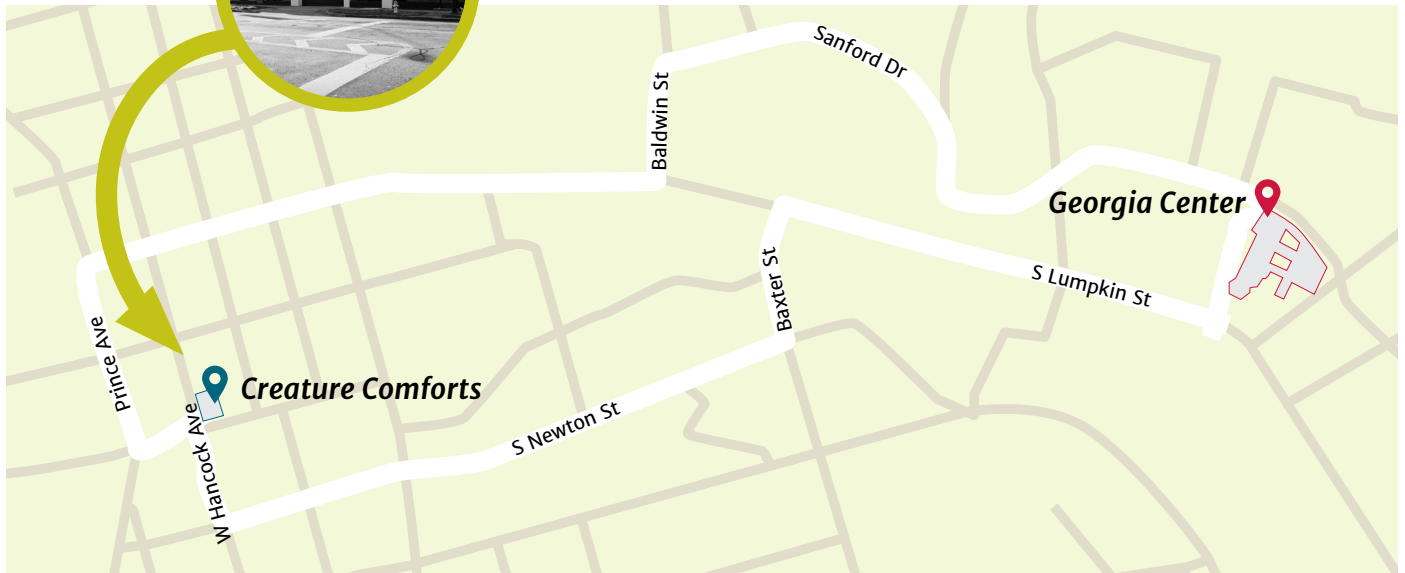
5:15 p.m. **ADJOURN**

6:00 - 8:00 p.m. **RECEPTION AT CREATURE COMFORTS**

Light snacks and beverages will be provided



271 W Hancock Ave, Athens, GA 30601



FRIDAY, JUNE 1

8:00 – 9:00 a.m. **BREAKFAST AND KEYNOTES**

Jill Andrews
DNR Coastal Resources Division
Matt Sitkowski
The Weather Channel

9:00 – 9:30 a.m. **RECOVERY AND RESPONSE TO HURRICANE IRMA**

Moderator: Mona Behl

- Preliminary Results of an Investigation of Tidal Reach, Storm Surge, and Inter-connected Factors Supporting Resiliency in Coastal Georgia Shawn Rosenquist & Chris Hintz
Savannah State University
- Persistent Hydrological Consequences of Hurricane Interactions with the Georgia Coastline: Preliminary Findings Paul Miller
University of Georgia
- Response of Stressed Marsh to Hurricane Irma Jacque Kelly & Christine Hladik
Georgia Southern University

9:30-10:30 a.m.

RESILIENT COMMUNITIES AND ECONOMIES

Moderator: Jill Gambill

A Geospatial Assessment of Nearshore Sand Resources and Sediment Transport Pathways for Georgia Coastal Resiliency and Recovery

Clark Alexander
University of Georgia

Real-time Flood Risk Modeling Using Social Media Data

Gordon (Ge) Zhang
Georgia Institute of Technology

Governing Coastal Development in Six Southeastern States

Julia Shelburne
University of Georgia

Dirty Duties: How Local Governments May be Held Increasingly Liable for Failure to Maintain Sewer Services due to Sea Level Rise

Danielle Goshen
University of Georgia

Modeling Effects of Shoreline Armoring on Marsh Migration Under Sea Level Rise in Coastal Georgia

Brian Bledsoe
University of Georgia

10:30 – 10:45 a.m.

BREAK

10:45 – 12:00 p.m.

FACILITATED BREAKOUT GROUPS



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