

Meeting Agenda

6th Coastal Georgia Colloquium

October 28-29, 2015

Savannah State University, Savannah, GA



- Day 1 -

Meet and Greet

Welcome

[Merryl Alber](#)

Department of Marine Sciences
University of Georgia, Athens

Overview of Georgia Coastal Research Council

Program Overviews

[Mark Risse](#)

Director of Marine Outreach Programs
University of Georgia, Athens

Georgia Sea Grant, Marine Extension Service

[Jill Andrews](#)

Program Manager
Georgia Coastal Management Program
GA DNR – CRD, Brunswick

*Georgia DNR – Coastal Resources Division
(she also shared a list of research needs)*

Shoreline Change Project Reports (15-minute presentations)

Chester Jackson
Assistant Professor
Dept of Geology and Geography
Georgia Southern Univ., Statesboro

*Spatio-temporal assessment of tidal inlet and
stream movements and their influence on coastal
vulnerability*

[Christine Hladik](#)
Assistant Professor
Dept of Geology and Geography
Georgia Southern Univ., Statesboro

*High-resolution mapping of vegetation, elevation,
salinity and bathymetry to advance coastal habitat
management in Georgia*

Renato Castelao
Associate Professor
Department of Marine Sciences
University of Georgia, Athens

*Vulnerability of Georgia's estuaries: development,
inundation and storms*

Bob Cooper
Professor
Wildlife Ecology and Biometrics
Warnell School of Forestry and
Natural Resources
University of Georgia, Athens

*Marsh birds and fish/crustacea response to marsh
structure and sea level rise scenarios*

New Initiatives

Brian Hughes
Associate Director
Supervisory Hydrologist, Environmental
Investigations and Research Section
South Atlantic Water Science Center
US Geological Survey, Norcross

USGS – Georgia coastal monitoring

Liz Booth
Program Director
Watershed Planning and Monitoring
Watershed Protection Branch
GA Dept of Natural Resources
Environmental Protection Division, Atlanta

*Developing numeric nutrient criteria for
Georgia waters*

Introductions (3-minute talks)

<u>Clark Alexander</u>	Professor, Skidaway Institute of Oceanography, Univ of Georgia, Savannah
Pat Geer	Section Chief, Marine Fisheries, Georgia Department of Natural Resources, Coastal Resources Division, Savannah
Tom Bliss	Director, Shellfish Research Lab, UGA Marine Extension and Georgia Sea Grant, Savannah
Elizabeth Harvey	Assistant Professor, Skidaway Institute of Oceanography, University of Georgia, Savannah
<u>Julia Diaz</u>	Assistant Professor, Skidaway Institute of Oceanography, University of Georgia, Savannah
Matthew Gribble	Assistant Professor, Rollins School of Public Health, Emory University, Atlanta
Craig Landry	Associate Professor, Department of Agricultural & Applied Economics, University of Georgia, Athens
<u>Eric Spears</u>	Associate Professor, Department of History & Geography, Georgia College and State University, Milledgeville
<u>Sarah Fangman</u>	Superintendent, Gray's Reef National Marine Sanctuary, Savannah
Mona Behl	Associate Director, UGA Marine Extension and Georgia Sea Grant, Athens
<u>Heather Joesting</u>	Assistant Professor, Department of Biology, Armstrong State University, Savannah
<u>Sonny Emmert</u>	Coastal Resources Specialist, Georgia Department of Natural Resources, Coastal Resources Division, Brunswick
<u>Joan Sheldon</u>	Research Professional, Georgia Coastal Research Council, University of Georgia, Athens
Kimberley Andrews	Research Professional, Savannah River Ecology Laboratory, University of Georgia, Aiken, SC

Reception & Poster Presentations

Posters:

Merryl Alber, UGA Dept. of Marine Sciences, *The Georgia Coastal Ecosystems Long Term Ecological Research Project*

Kimberly Andrews, Savannah River Ecology Lab, *Studying the effects of prescribed fire on the trophic community in maritime grasslands*

Doug Atkinson, UGA Marine Extension and Georgia Sea Grant, *The Septic Tank Inventory of the Georgia Coast - Status of the Project and Answers to Commonly Asked Questions*

Bob Crimian, The Nature Conservancy, *Ocean Planning: Engaging stakeholders to better understand resources and uses off Georgia's coast*

Catherine Edwards, Skidaway Institute of Oceanography - UGA, *Advances in Glider Sampling Using Navigation with Guidance from Ocean Models.*

Marc Frischer, Skidaway Institute of Oceanography - UGA, *Shrimp Black Gill in the Coastal Southeast USA, Causes and Consequences: Integrating High Throughput Sequencing Data with Other Large Datasets*

Kevin Haas, School of Civil Engineering, Georgia Institute of Technology, *Measurements of the Surface Pressure Gradient in a Saltmarsh*

Jenessa Kay, The Nature Conservancy, *Metrics for determining conservation success of living shoreline pilot projects in coastal Georgia*

Ben Maher, GA DNR Coastal Resources Division, *Quantifying salt marsh edge habitat in coastal GA using a drop-ring sampling technique*

Madeleine Russell, UGA Marine Extension and GA Sea Grant, *Learning How to Become Resilient: the St Marys Flood Resiliency Plan*

Madeleine Russell, UGA Marine Extension and GA Sea Grant, *Tybee Island: Sea Level Rise Adaptation Brief*

--- End of Day 1---

Meet and Greet

Coastal Resources Project Reports (15-minute presentations)

Marc Frischer

Professor
Skidaway Institute of Oceanography
University of Georgia, Savannah

Black Gill Disease in Georgia shrimp: causes, distribution, and transmission

Jacque Kelly
Assistant Professor
Dept of Geology and Geography
Georgia Southern University
Statesboro

Evaluation of the role of groundwater and elevation on marsh dieback development and recovery

Dan Gleason

Professor
Department of Biology
Georgia Southern University
Statesboro

Connectivity between the Altamaha River estuary and critical coastal marine habitats

Ben Carswell

Director of Conservation
Jekyll Island State Park Authority

Jekyll Island marsh fragments: assessing ecological function and health for restoration planning on Jekyll Island

Introductions (3-minute talks)

Carla Curran Associate Professor, Marine and Environmental Sciences Department, Savannah State University, Savannah

Christopher Hintz Associate Professor, Marine and Environmental Sciences Department, Savannah State University, Savannah

Holly Nance Assistant Professor, Department of Natural Sciences, College of Coastal Georgia, Brunswick

John Carroll Assistant Professor, Department of Biology, Georgia Southern University, Statesboro

Todd Driver Environmentalist, Georgia Department of Public Health, Coastal Health District, Savannah

Fred Hay Sapelo Island Research Manager, Georgia Department of Natural Resources, Wildlife Resources Division

Richard Lee Professor, Skidaway Institute of Oceanography, University of Georgia, Savannah

William Savidge Assistant Professor, Skidaway Institute of Oceanography, University of Georgia, Savannah

Carol Pride Professor, Marine & Environmental Sciences Department, Savannah State University, Savannah

Sue Ebanks Assistant Professor, Marine and Environmental Sciences Department, Savannah State University, Savannah

Coastal Communities Project Reports (15-minute presentations)

Kelly Spratt

Local Govt Outreach
Coordinator,
UGA Marine Extension and
Georgia Sea Grant, Brunswick

Enhancing Sea Grant's ability to help coastal communities adapt to climate change: an overview of the St. Marys and Tybee projects

Warren Kreisel

Associate Professor
Dept of Agricultural and Applied
Economics,
Univ of Georgia, Athens

Natural hazards, amenities, and land use: a participatory approach for visualizing resilient coastal communities

Kimberly Andrews

Research Coordinator
Applied Wildlife Conservation Lab
Jekyll Island

Wildlife conservation in a developing landscape: interfacing ecological research and science-based public awareness

Introductions (3-minute talks)

Jan MacKinnon

Biologist, Georgia Dept. of Natural Resources, Coastal Resources Division, Brunswick

Brad Gane

Section Chief, Ecological Services, Georgia Dept. of Natural Resources, Coastal Resources Division, Brunswick

Tara Cox

Associate Professor, Marine and Environmental Sciences Department, Savannah State University, Savannah

Chandra Franklin

Associate Professor, Biology Department, Savannah State University, Savannah

Katy Austin Smith

Water Quality Program Coordinator University of Georgia Marine Extension Service/ GA Sea Grant, Brunswick

Working Groups

After lunch, meeting participants could continue making connections with new colleagues, etc., or join one of three working groups:

Coastal Resiliency (Leaders: Jill Andrews & Kelly Spratt)

Participatory Mapping (Leaders: Sonny Emmert & Bob Crimian)

Oyster Aquaculture (Leader: Mark Risse)

The GCRC would like to gratefully acknowledge funding support from the Georgia Coastal Management Program (through the Coastal Incentive Grant Program) and UGA Marine Extension & Georgia Sea Grant.