

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)

Clark Alexander	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
Julia Diaz	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
Eric Spears	Associate Professor, Department of History & Geography, Georgia College and State University, Milledgeville
Sarah Fangman	Superintendent, Gray's Reef National Marine Sanctuary, Savannah
Mona Behl	Associate Director, UGA Marine Extension and Georgia Sea Grant, Athens
Heather Joesting	Assistant Professor, Department of Biology, Armstrong State University, Savannah
Sonny Emmert	Coastal Resources Specialist, Georgia Department of Natural Resources, Coastal Resources Division, Brunswick
Joan Sheldon	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	<i>Black Gill Disease in Georgia shrimp: causes, distribution, and transmission</i>
Jacque Kelly Assistant Professor Dept of Geology and Geography Georgia Southern University Statesboro	<i>Evaluation of the role of groundwater and elevation on marsh dieback development and recovery</i>
Dan Gleason Professor Department of Biology Georgia Southern University Statesboro	<i>Connectivity between the Altamaha River estuary and critical coastal marine habitats</i>
Ben Carswell Director of Conservation Jekyll Island State Park Authority	<i>Jekyll Island marsh fragments: assessing ecological function and health for restoration planning on Jekyll Island</i>

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	<i>Enhancing Sea Grant's ability to help coastal communities adapt to climate change: an overview of the St. Marys and Tybee projects</i>
Warren Kreisel Associate Professor Dept of Agricultural and Applied Economics, Univ of Georgia, Athens	<i>Natural hazards, amenities, and land use: a participatory approach for visualizing resilient coastal communities</i>
Kimberly Andrews Research Coordinator Applied Wildlife Conservation Lab Jekyll Island	<i>Wildlife conservation in a developing landscape: interfacing ecological research and science-based public awareness</i>

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)

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