

Coastal Georgia Colloquium '22
October 19-20, 2022
Richmond Hill City Center, Richmond Hill, Georgia



Agenda

Wednesday October 19, 2022: 1:00 – 5:20 pm

1:00-1:30	Meet and Greet (coffee, soda, snacks)
1:30-1:45	Welcome and GCRC Overview (Merryl Alber)
1:45-2:00	GCMP Overview (Doug Haymans and Jill Andrews)
2:00-3:30	Session 1: Coastal Hazards and Green Growth (Moderator: Jennifer Kline)
CRD Reports	Kelly Hill, Jennifer Kline
Jill Gambill	<i>Tybee Island Green Infrastructure Master Plan: Strengthening Environmental and Community Resilience through Nature-Based Solutions</i>
Ashby Worley	<i>Camden County 'Rise Ready' Coastal Resiliency Project</i>
Garrow Alberson	<i>Rethinking Runoff: Brunswick's Green Infrastructure Plan</i>
Jessica Brown	<i>Finding stormwater green infrastructure on the Coast</i>
Introductions (6)	
3:30-3:50	Coffee Break
3:50-5:20	Session 2: Restoration and Living Shorelines (Moderator: Jan MacKinnon)
CRD Reports	Jaynie Gaskin, Meghan Angelina
Joel Kostka	<i>Harnessing plant-microbe interactions to restore and strengthen salt marsh ecosystems</i>
Dionne Hoskins-Brown	<i>Evaluating the Use of Biodegradable Hardscape for Oyster Reef Habitat</i>
Jeb Byers	<i>Spatial and temporal patterns of disease on Georgia oyster reefs</i>
Roundtable: Emerging Restoration Opportunities:	Jan MacKinnon (CRD), Doug Samson (SINERR), Christi Lambert (TNC), Dionne Hoskins-Brown (NOAA)

Thursday October 20, 2022, 8:30 am – 3:30 pm

8:30-9:00	Meet and Greet (coffee, bagels, pastries)
9:00-10:20	Session 3: Coastal Wetlands (Moderator: Clark Alexander)
CRD Reports	Dan Quinn
Amanda Spivak	<i>Are Georgia's salt marshes keeping up with sea level?</i>

Brock Woodson *Understanding coastal natural infrastructure across Georgia - oyster reefs, salt marshes, and beaches*

Program Reports Doug Samson (SINERR), Mark Risse (MAREX), Suzy Hill (USACE)

Introductions (4)

10:20-10:40 Coffee Break

10:40-12:05 **Session 4: Fisheries and Aquaculture** (Moderator: Dan Gleason)

CRD Report Jared Flowers

Marc Frischer *The influence of environmental factors in shrimp black gill: management and fishery adaptation options?*

John Carroll *Challenges associated with using environmental DNA techniques to monitor white shrimp (Litopenaeus setiferus)*

Brian Fleuch *Estimating the Impact of Recreational Crabbing in Georgia*

Charles Derby *Field Testing a New Synthetic Sustainable Bait for Georgia's Blue Crab Fishery*

Introductions (6)

12:05-1:15 Lunch (provided)

1:15-2:20 **Session 5: Nutrients, Acidification, and Zooplankton**
(Moderator: Catherine Edwards)

Michelle Dennis-Pizzo *Pipemakers Canal pH Sampling Project*

Leigh Elkins *A New Look and a New Start: Updating the Georgia Clean Marina Program*

Martial Taillefert *Role of Sediments in the Susceptibility to Ocean Acidification in Coastal Habitats*

Adam Greer *Resolving the intermediate trophic levels between primary and fisheries production in shelf ecosystems*

Program Reports Alyssa Peterson (EPD), Dan Calhoun (USGS, SASWC)

2:20-2:45 **Session 6: Research Planning and Opportunities** (Moderator: Mark Risse)

CIG Jan MacKinnon

Sea Grant Mona Behl

SINERR Doug Samson

CRD Wetland Research Authorizations Meghan Angelina

2:45-3:00 7th inning stretch

3:00-3:30 **Discussion/Wrap-up** (Moderators: Merryl Alber, Jill Andrews)

Wednesday

Session 1 Introductions

Dominic Guadagnoli	Coastal Resources Division, Georgia Dept. of Natural Resources
Christine Hladik	Dept. of Geology and Geography, Georgia Southern University
Clark Alexander	Skidaway Institute of Oceanography, UGA
Asli Aslan	Dept. of Environmental Health Science, Georgia Southern University
Joseph Colbert	Conservation Department, Jekyll Island Authority
Larry Bowman	University of Georgia Marine Institute

Thursday

Session 3 Introductions

Carol Pride	Marine & Environmental Sciences Dept., Savannah State University
Colby Peffer	Sapelo Island National Estuarine Research Reserve
Heather Joesting	Department of Biology, Georgia Southern University
Laura Mae Treible	Skidaway Institute of Oceanography, UGA

Session 4 Introductions

Dan Gleason	Institute for Coastal Plain Science, Georgia Southern University
Andrei Barkovskii	Dept. of Biological and Environmental Sciences, Georgia College and State University
A. Loren Mathews	Department of Biology, Georgia Southern University
Jessica Reichmuth	Biological Sciences, Augusta University
Sara Rivero-Calle	Skidaway Institute of Oceanography, UGA
Catherine Edwards	Skidaway Institute of Oceanography, UGA