



CAC Spring 2025 Staff updates

Coastal Management Section



Compliance and Enforcement

Clayton Davis

Compliance & Enforcement

	2023	2024
Unauthorized Activities	148	104
Waterbottom Lease Fee Per Acre	\$1,417.68	\$1,463.50

01/1/2024 through 12/31/2024	
Compliance Visits	160
Marina Leases	6
Not Built as Permitted	17
Built w/o Permit	92
Other Impacts	100
Sunken Vessels	4

Staff: C&E has 3 full time staff members. C&E Manager and 2 C&E Specialists.
1 Vacant C&E Specialist position is in the hiring process.

Waterbottom Lease Change Updates will be sent out in late April 2025 and Lease Invoices will be sent in June 2025. For Profit Marinas with over 500 linear feet of floating docks will be billed.

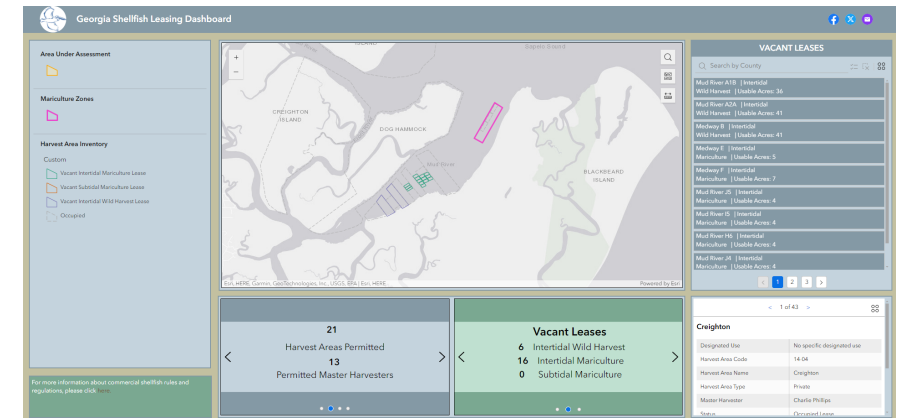
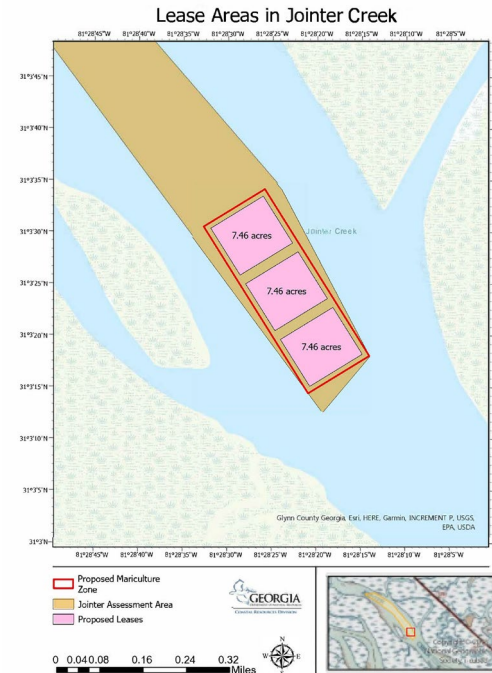


Shellfish and Water Quality

Michael Mock

Shellfish and Water Quality Program Update

- A total of 21 Master Harvester Permits and 140 individual harvester permits were issued in 2024.
- Program staff continuing to provide technical assistance to lease holders with new shellfish mariculture and cultivation permit applications.
- 5 of 9 Subtidal leaseholders have all required State and Federal Permits and are in the process of putting gear in the water.
- We recently offered and awarded three new subtidal lease areas in Jointer Creek in Glynn County.
- The program recently updated the Vibrio Control Plan and drafted rules for the Closed Season Harvest of subtidal oysters, adopted by the DNR Board on April 22, 2025.
- In partnership with GA DOA and DNR LED, program staff will be coordinating training with several of the growers addressing new time temperature regulations related to closed season harvest.
- The program also recently acquired a UAV to assist with lease inventories and inspections.
- The program will continue to support future shellfish opportunities for both traditional shellfish cultivation and mariculture activities.





Marsh and Shore Regulatory

Josh Noble

Marsh and Shore Management Program

Authorization Type	2023	2024
CMPA Permit	22	31
SPA Permit	12	7
Letters of Permission (temporary activities)	76	136
Revocable Licenses* (private docks, CMPA exempt activities)	208	191
Jurisdictional Determinations	368	415



Federal Consistency

Jill Andrews

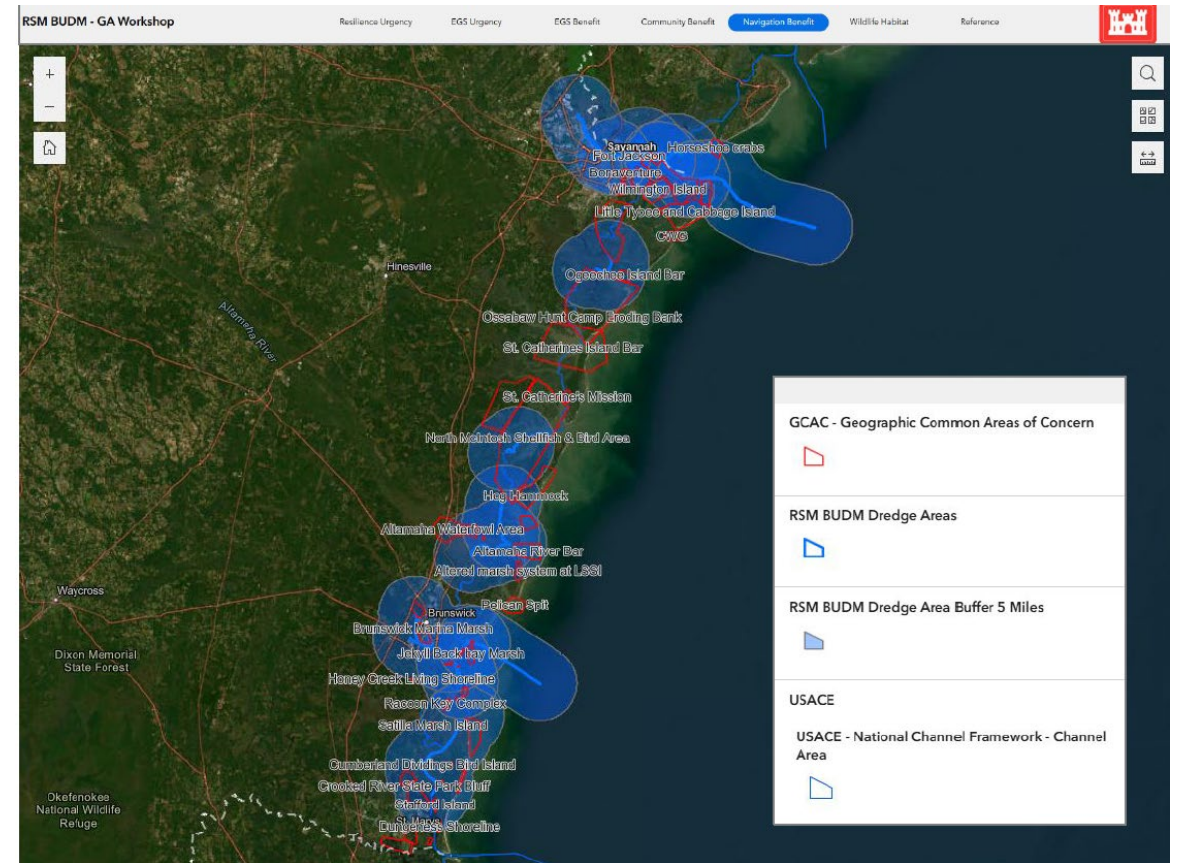
Federal Consistency

Kelie Moore and Jim Long

- Federal Consistency, as outlined in the CZMA, requires state review of Federal Permits, Federally Funded Projects, Direct Federal Actions, and Outer Continental Shelf Determinations, to ensure these actions are consistent with state laws
- 316 Federal Consistency Certifications and Determinations were processed, **290 were certified** including:
 - 172 new or expanded docks
 - 31 bank stabilization projects
 - 18 fill projects
 - 3 dredging projects
 - 2 bridges or walkways
 - 40 miscellaneous projects
- 206 concurrences, 2 conditionally concurrences, 77 objected to, and 5 withdrawn
- 26 Direct Federal Activities or Federally Funded projects were reviewed
 - 10 construction projects
 - 8 policies
 - 4 fishery management plans
 - 2 for funding
 - 2 no impact
- 22 concurrences, 1 conditional concurrence, 2 objected to, and 1 withdrawn

Notable Roles of Federal Consistency Unit

- Involved in the USACE Savannah Harbor Expansion Project Interagency Review Team (IRT)
- Serve as members of the USACE IRT for Mitigation Banking
 - There are currently 12 tidal mitigation banks in review, 1 of which in the construction phase
- Part of various Beneficial Use and Regional Sediment Management working groups and review teams
 - These groups consist of subject matter experts from federal agencies including the USACE and the Navy, state agencies, and academia.
 - Through these efforts the USACE has identified 4 potential beneficial use locations, with high ecological value, in coastal Georgia



Screenshot of the mapping tool created help guide Beneficial Use

Federal Consistency

Authorization Type	2021-2022	2022-2023
Federal Permits	183	276
Direct Federal Actions	25	22
Federal Funding	8	5
Outer Continental Shelf	0	1

Notable Updates

- Number of project reviews increased by ~1/3.
- Collaboration on Beneficial Use of USACE dredge materials has increased significantly: AIWW, Savannah Harbor, Kings Bay Naval Base, Manomet
 - Coordinated WRD and USACE for disposal of material for bird islands at Cumberland Dividings
- Uptick in number of tidal mitigation bank proposals: 8 banks currently under review
- Numerous GDOT bridge project early coordination requests.





Wetland Restoration and Monitoring

Jaynie L. Gaskin

Coastal Aquatic Barrier Assessment & Analysis

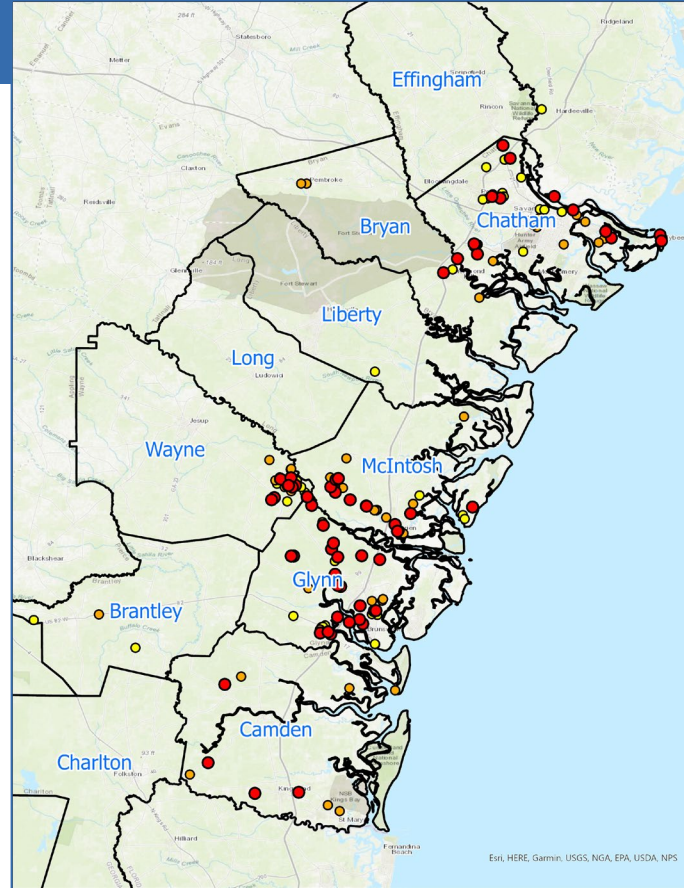


Barriers Assessed: 1,516

Restoration



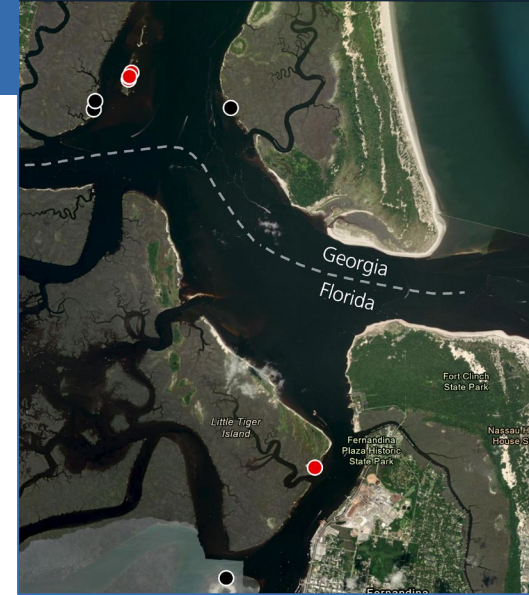
TNC Five Rivers Site



Constriction Rankings

Severe Constriction	72
Moderate Constriction	61
Minor Constriction	55

Mangrove Migration



Locations of the Seven Plants



Red Mangrove

Technical Assistance



UAV Monitoring

DNR Career Academy



CoastFest Volunteering



Wetland Policy and Living Shorelines

Meghan Angelina

Wetlands Policy and Living Shorelines

Living Shorelines Site Suitability, Standards, and Best Management Practices



LIVING SHORELINES IN COASTAL GEORGIA

A Comprehensive Guide to Understanding & Designing Living Shorelines on the Georgia Coast
2024



Shoreline Policy and Resilience Review Team (SPRRT)

Living Shoreline Site Visits 7 Site Visits



Ossabaw Island Living Shoreline

Living Shorelines Workshop for Engineers and Contractors



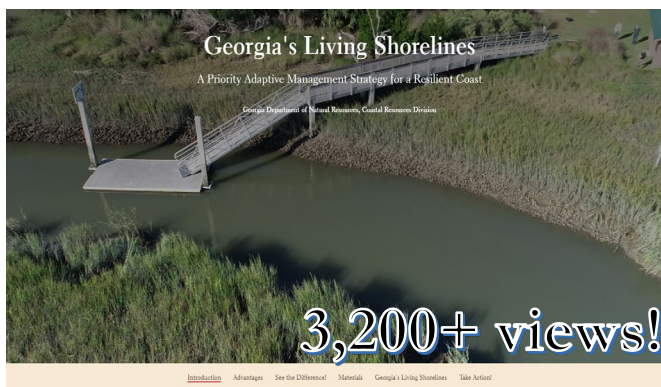
Wetlands Research Advisory Committee (WRAC)

17 WRAC authorizations



Crooked River Living Shoreline

Living Shorelines StoryMap



Georgia's Living Shorelines

A Priority Adaptive Management Strategy for a Resilient Coast

Georgia Department of Natural Resources, Coastal Resources Division

3,200+ views!

[Introduction](#) [Advantages](#) [See the Difference](#) [Materials](#) [Georgia's Living Shorelines](#) [Take Action](#)



GIS/UAV

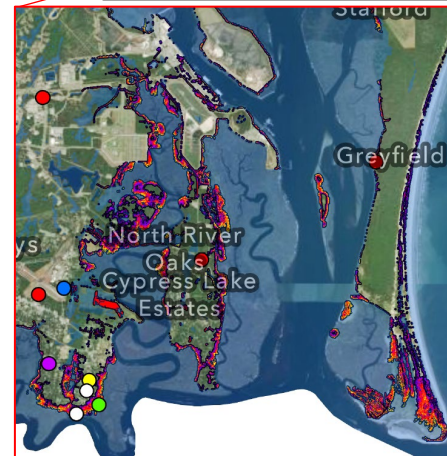
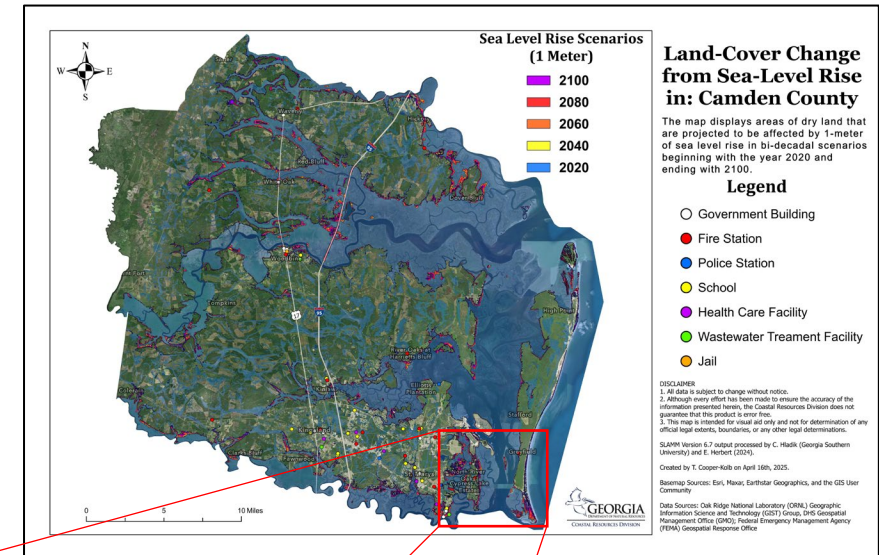
Jan Mackinnon for
Tyler Cooper-Kolb

GIS/UAV Operations

Updating Georgia Resiliency Conference Website.

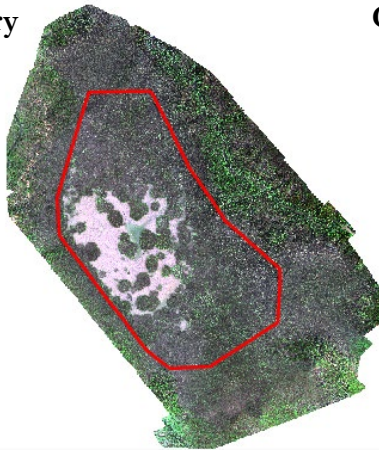


Creating maps depicting land cover change due to sea-level rise (Camden County)

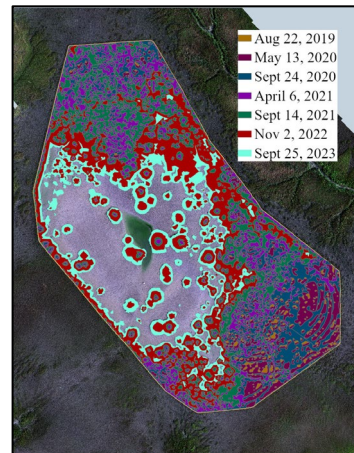


Updating monitoring information of Thin Layer Placement site at Jekyll Creek with 2024 UAV Flight imagery

2024 UAV Imagery



Change in Vegetation from 2019 to 2023

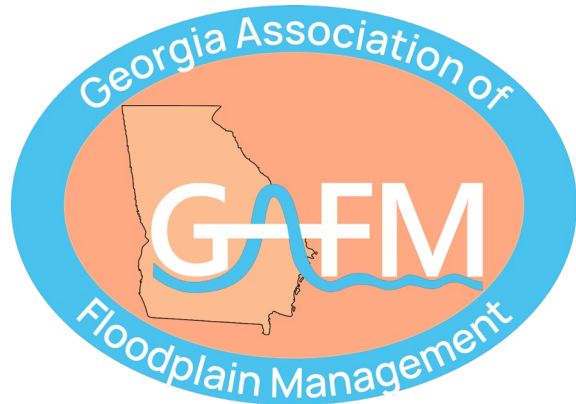
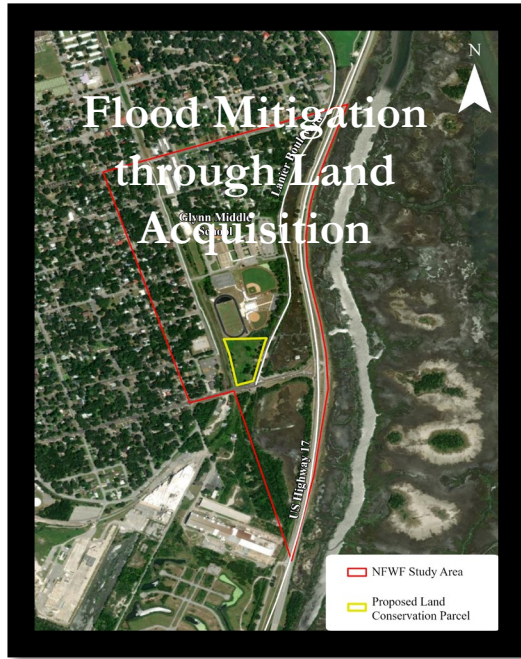




Coastal Hazards

Jennifer Kline

Coastal Hazards



October 20-21, 2025
Jekyll Island, GA



Grant Administration

Jan Mackinnon
For Shy Duncan

Grant Administration

- In December CRD received 19 Pre-applications for Cycle 28
- 9 from Local Governments and 10 from Research Institutions
- CRD staff met in January and selected 12 projects to invite for submission of a full application. All 12 full applications were submitted by the February 7th deadline.
- The CIG 5 Review Team met on March 11th and recommended 9 of the applications for funding. Of the 9 selected projects, 4 were submitted by local governments.
- NOAA approval is anticipated by mid-September, with the official start of Cycle 28 scheduled for October 1, 2025.

The following projects began October 1, 2025:

Applicant	PI	Title
Augusta University	Jessica Reichmuth	Yr 2-Initial signs of success? A holistic investigation of the effectiveness of state and federal restoration efforts in the Satilla River Estuary
City of Kingsland	Lee Spell	Yr 2-First Floodplain, Second Stormwater – Kingsland's Path Towards Increased Resiliency
Georgia Southern University	Jacque Kelly	Elevation-Influenced Processes in Tidal Marsh Ecosystems: Groundwater, Vegetation, and Oysters
Darien Downtown Development Authority	Judy Dodd	Masterplan for the City of Darien
Georgia Tech.	Miroslav Malesvic	Creating a Future Development 3D Interactive Visualization Toolkit for Coastal Georgia
UGA	Eugene Frimpong	A Management Tool for Enhancing Public Boat Ramp Infrastructure and Use in Coastal Georgia
Chatham County-SMPC	Anna McQuarrie	Incorporating Marsh Migration into the Chatham County-Savannah Comprehensive Plan
UGA	Matthew V Bilske	Continuous Beach Observation and Real-Time Coastal Hazards Forecasting System
City of Brunswick	Garrow Alberson	Coastal Flooding Mitigation at Lanier Boulevard and Glynn Middle School
UGA-CVIOG	Katie Hill	Enhancing Disaster Legal Education and Resources for Georgia's Coastal Communities
Brantley County BOC	Joey Cason	306A-Satilla River Access Enhancement



Communications & Outreach

Tyler Jones