



# Snap Shot Round Table Discussion

# NC Department of Environment and Natural Resources

- ▶ Disaster Resilient Communities: Facilitate the use of soft/hybrid shoreline protection measures throughout the four states
- ▶ Lessons learned from (a) application of technology in NC environments and (b) efforts to streamline permitting could be applied across jurisdictions.

# SC Department of Health and Environmental Control

- ▶ Working Waterfronts and Disaster-Resilient Communities – Facilitate the use of soft/hybrid shoreline protection measures throughout the four states
- ▶ There are ongoing efforts DHEC is participating in with SERPPAS working group and also working with the ACoE to streamline the permitting process.

# South Carolina Department of Natural Resources

- ▶ Standardize estuarine habitat and biological resources data/land cover/land use
- ▶ Piggyback on efforts (National Estuarine Research Reserve Program) efforts to characterize biological resources

# GA DNR, Coastal Resources Division

- ▶ Working Waterfronts/Disaster Resilient Communities: Develop Adaptation Strategies Facing Water-Dependent Uses in Vulnerable Coastal Areas
- ▶ Request for \$10k for grad student or intern
- ▶ GA CZM Coastal Incentive grant can be used to conduct GA portion of project – results would be tailored to apply to all South Atlantic Alliance states

# Florida Department of Environmental Protection

- ▶ Develop adaptation strategies facing water-dependent uses in vulnerable coastal areas
- ▶ Florida Department of Opportunity amending its CZMA Section 309 strategy (Community Resiliency: Planning for Sea Level Rise) work plan to add as a deliverable a guidance document for coastal communities describing adaptation options for vulnerable water-dependent uses

# U.S. Environmental Protection Agency

- ▶ Snap Shot addressed: DRC – Facilitate the use of soft/hybrid shoreline protection measures throughout the four states.
- ▶ Potentially fundable by Wetland Program Development Grants, through the competitive grant process.
- ▶ EPA Region 4 has previously funded Living Shoreline technical trainings and demonstration projects in the GSAA States.
- ▶ Contact: Jennifer Derby – 404-562-9401.

# Department of Interior

- ▶ CCOW2A, HE1A, HE1B
- ▶ Proposals may be funded by the South East Climate Science Center's annual call by working with through the LCC
- ▶ Rua S. Mordecai, Ph.D.  
U.S. Fish & Wildlife Service  
Science Coordinator, South Atlantic Landscape Conservation Cooperative  
Join the conversations at: <http://www.southatlanticlcc.org>  
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- ▶ SE Climate Science Center, Gerry McMahon gmcmahon@usgs.gov



# NOAA

- ▶ Standardize and Create Estuarine Habitat and Biological Resources Data and Upland Land Cover and Land Use
- ▶ Summary: A joint proposal by NOS and NMFS SEFSC was selected by the NERRS Science Collaborative to assemble and standardize long-term fish larval and environmental data for fisheries and ecosystem management
- ▶ Resources: 1 year (FY14), 1 / 2 time graduate student or technician and full-time data manager (with NOAA Beaufort FTE and NCSU faculty effort) to coordinate with fishery managers (SAFMC and state fishery management agencies)

# Marine Corps Installations East

## ▶ Working Waterfronts Inventory

- States involved: NC, SC, GA, & FL
- NC Map is 90% complete
- SC Map is 80% complete
- GA Map is 80% complete
- FL Map is in progress for surface & air grids
- The maps are a significant resource (value added) for identifying compatible land use challenges, off-shore structures planning, & training areas to avoid

# The Nature Conservancy

**Healthy Ecosystems: Standardize and create estuarine habitat and biological resources data and upland land cover and land use.**

- ▶ TNC is conducting regional mapping and analysis that includes coastal habitat and resources. Funded in part through the SALCC, TNC's efforts will include collecting and distilling available data. We have been working with the HE team to identify common estuarine priorities.
- ▶ Funding is available to support a workshop (Jan–Mar 2014) with the Healthy Ecosystem team (and other invited participants) to discuss data, analysis techniques and products

# Southeast Marine Debris Initiative\* UGA Engineering

<http://sea-mdi.engr.uga.edu/>

- ▶ WW: “Identify and inventory contemporary and historical, recreational working waterfront sites as well as public access infrastructure and support facilities”.
  - ▶ DRC: “Predict future shoreline migration patterns and future shoreline vulnerability, in terms of property and habitat loss, given current and future development, shoreline stabilization, and sea level rise.”
  - ▶ WW/ DRC. “Develop adaptation strategies facing water-dependent uses in vulnerable coastal areas.” *and* “Transfer of Knowledge: Clean and Resilient Marina Program”.
  - ▶ HE: “Expected effects from increasing development and climate change on estuarine habitats and biological resources in the South Atlantic coastal ecosystem.”
  - ▶ All involve Marine Debris :
    - Waste Management infrastructure. i.e., does the working waterfront have waste collection nearby? Open to public? Recycling available? Monofilament line recycling?
    - Resilient Marinas need sustainable Marine Debris systems, As well as planning for debris impacts from more frequent and intense storms and their impacts ( incl. debris) on infrastructure.
    - if the waste management infrastructure remains the same while waste-stream increases, marine debris will negatively impact habitats and resources.
  - ▶ SEA MDI Resources
    - MD Planning, BMPS, data parameter, knowledge transfer with all MD efforts in SE and other regions.
    - Maps,GIS coordinates for all beach cleanup sites in the region( Marine Debris Tracker) .
    - NOAA 2014 rfp leverage data: require weights of debris in cleanups,
    - Potential UGA Graduate students and resources
- \*Contact: Christine Laporte, Program Coordinator [claporte@uga.edu](mailto:claporte@uga.edu)

## Sea Grant Programs of the Southeast

- ▶ Snap Shot: Working Waterfronts – “Identify and inventory contemporary and historical, recreational working waterfront sites as well as public access infrastructure and support facilities”
- ▶ Opportunity: Sea Grant programs will consider contributing either staff time or provide modest resources (collectively) to support a graduate student or GIS person to conduct the inventory as outlined in the Snap Shot write-up.

# GSAA Administration

- ▶ WW - Working Waterfront Community Resource Clearinghouse
  - ▶ WW-DRC - Develop adaptation strategies facing water-dependent uses in vulnerable coastal areas
  - ▶ WW-DRC - Transfer of Knowledge: Clean and Resilient Marina Program
  - ▶ DRC - Facilitate the use of soft/hybrid shoreline protection measures throughout the four states
  - ▶ HE - Standardize and create estuarine habitat and biological resources data and upland land cover and land use.
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- ▶ GSAA Phase 3 award from the NOAA Regional Ocean Partnership Grant includes an IATT Seed Fund for up to \$2500 per team to support Action Plan implementation.

Questions / Comments

Discussion Forum