

Governors'
South Atlantic
Alliance



North Carolina • South Carolina • Georgia • Florida

Clean Coastal Oceans & Waters 2014 Products and Progress

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Team Members

- Kelly Hill, Georgia Dept of Natural Resources
- David Graves for David Wilson, South Carolina Dept of Health and Environmental Control
- Gary Raulerson, Florida Dept of Environmental Protection
- Dianne Reid, North Carolina Dept of Environment and Natural Resources
- Eric Strom, USGS
- Brad Gane, GA DNR
- Andy Miller, SC DHEC (WIWG)
- William Salters, SC DHEC (WIWG)
- Michael Thomas, FL DEP (WIWG)
- Adriene Weaver, NC DENR (WIWG)
- Patricia Durrett, NC DENR (WIWG)
- Keren Giovengo, University of Georgia (WIWG)
- Shawnielle Campbell-Dunbar, EPA Region 4
- Andrea Small, FL DEP
- Anna Toline, NPS
- Michelle Moorman, USGS
- Elden Gatwood, USACE
- Who did I forget?

Team Goals

- Enhance managers' abilities to effectively target prevention, enforcement, response, and mitigation activities
- Integrate coastal and ocean observing systems in the South Atlantic

2014 Team Work Plan

- 1A - Establish regional technical work group – watershed wq improvement processes
- 1B - Improve ability to model loading coefficients for point and nonpoint sources of Nitrogen in coastal ecosystems
- 1C - Develop recommendations on processes & protocols for BMPs
- 2A - Develop interactive map-based assessment tools to support climate change mitigation & adaptation strategies
- 3A - Establish regional monitoring work group – data compatibility

Work Plan Action Item #1

- Establish regional technical working group for the purposes of sharing watershed water quality improvement processes
 - Established in 2012 but shifted to focus on BMP compendium per 1C
 - Pursuing graduate level intern(s) to:
 - Complete the draft catalogue of state watershed/water quality processes
 - Improve ability to transfer modeling & process development knowledge

Work Plan Action Item #2

- Improve ability to model loading coefficients for point & NPS of nitrogen in coastal ecosystems
 - Status report being developed related to activities in each state that have contributed to nitrogen modeling regionally
 - Each state working on nutrient criteria including nitrogen
 - Collaborating with USGS on existing projects utilizing SPARROW model – SC has dedicated staff

Work Plan Action Item #3

- Develop recommendations on processes & protocols to transfer knowledge/implement BMPs and encourage smart growth & green infrastructure
 - Watershed Improvement Working Group finalizing BMP Compendium for portal
 - Revisiting original implementation steps to streamline goals & objectives under this action item

Work Plan Action Item # 4

- Develop interactive map0-based assessment tool(s) to support climate change mitigation and adaptation strategies
 - Snap Shot developed to utilize data collection for addition to the RIMS portal – no funding
 - Monitoring DOI Climate Science Center’s Calls for Proposals related to saltwater intrusions into estuaries
 - CCOW may pursue if applicable.

Work Plan Action Item # 5

- Establish regional level monitoring work group to address compatibility of water quality monitoring data among the states
 - CCOW representatives led a session on development of regional monitoring groups at the National Water Quality Monitoring Council Conference in April 2014
 - Identifying members for the Regional Monitoring Work Group from each state.
 - Determining how this works with the Wetlands Grant

Resiliency

How our work plan supports “Coastal” Resiliency as a regional driver:

- BMPs
- Modeling pollutant delivery to assist w/ mitigation
- Habitat and WQ
- Mapping
 - Septic systems
 - Impervious cover
 - Hydrologic Connections
 - Assessment tools

Thank You!

- The Academy – no wait that was different presentation!
- Kristine
- Our State Support Teams
- Our Partners – USGS, NOAA, Sea Grant.....