

Collaborative Community Resilience Research and Outreach in the South Atlantic Region



Karl Havens, Florida Sea Grant

Project Collaborators: FL, GA, NC and SC Sea Grant, NOAA OCM; Monroe Co. FL, Beaufort SC, Nags Head NC, McIntosh Co. GA

PIs: Shana Jones (UGA), Jason Evans (Steston), Kristin Dow (U S Carolina), Victor Flatt, (U North Carolina)

Coastal Community Resilience

- **At risk from hurricane winds, storm surge, flooding, sea level rise**
- **Rural communities particularly vulnerable**
- **Assistance is needed**
- **What is the niche for Sea Grant?**
- **How can we partner with others to provide solutions?**
- **This talk presents a case study of a project we are doing in the S Atlantic NOAA region**



Desired Outcomes

- **Coastal communities become aware of risks from hazards and take actions to increase their resilience**
- **Tools are tested that are transferrable to other communities / regions**
- **Collaboration between Sea Grant, NOAA and coastal communities to address the resilience issue**

Process

- **Preliminary discussions with OCM leadership**
- **Agreement among SA SG programs about funding approach**
- **Final planning meeting with OCM at the SG meeting in Hawaii**
- **Advertisement of the opportunity coincident with regular research RFP cycle**

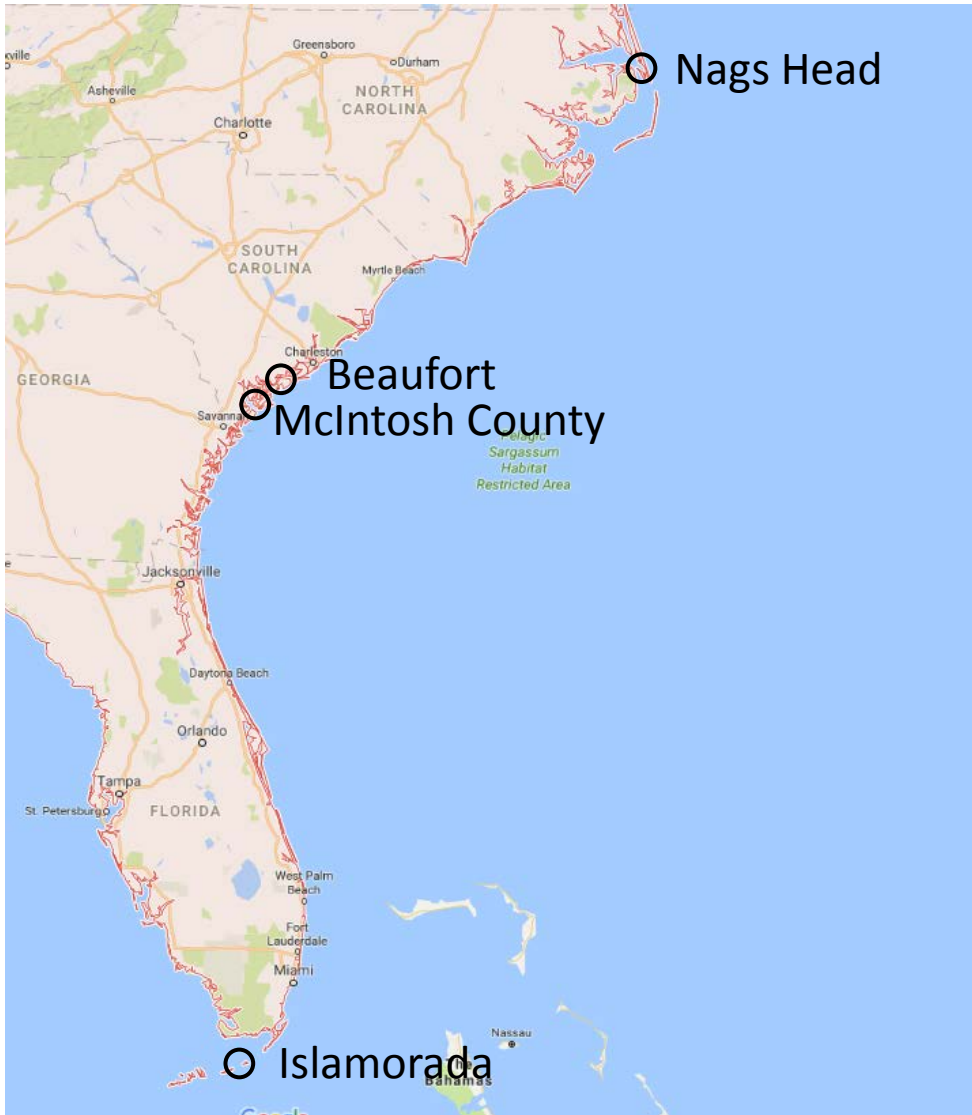
Criteria for Applicants

- **Develop new tools or use existing tools to address issues of coastal resilience.**
- **Must identify and work with one specific community in FL, GA, NC and SC.**
- **The work must be done in close partnership with SG Extension and with OCM.**
- **Reporting by state PIs to their state programs.**
- **Regional project report by PI lead.**

Approach to funding and project management

- **One PI from each state, funds from state program augmented by share of OCM funds**
- **One lead PI (GA) gets additional \$25K a year from FL SG for project management**
- **County participants and hard cash – e.g., Monroe Co. FL \$30,000 to hire facilitator**
- **Preliminary and final reports to state programs and overall summary report for region**
- **Quarterly conference calls with lead PI**

Coastal Community Resilience Project



Funding is \$355K for two years
\$105K from NOAA OCM
\$25K from GA, SC, NC Sea Grant
\$50K from FL Sea Grant

Principal Researchers

FL	Stetson College
GA	U Georgia
NC	NC State, UNC
SC	U S Carolina

Focus of this Project

Use a standardized local engagement tool (VCAPS) and OCM visualization tools to conduct and evaluate a participatory process to build local government capacity to understand hazard risks

Inform the tools with updated information from measurements of elevations of critical infrastructure ... for use in the HAZUS flood damage assessment model

Critical attributes to make this work

- **SG programs with history of working together**
- **Solid relationship with an external partner – with a particular person**
- **Shared mission / goals**
- **Availability of funds**
- **Ability to define clearly a project focus**
- **Active engagement by the communities**
- **Valued outcomes both locally and more broadly**



This project began in March 2016
and will be complete in April 2018