

Tampa Bay Climate Science Advisory Panel (TBCSAP)

Convened by UF/IFAS Extension, Florida Sea Grant

Location: Weedon Island Preserve, 1800 Weedon Drive, St. Petersburg, FL 33702

Meeting Date: June 11, 2014

The Tampa Bay Climate Science Advisory Panel is a scientific advisory board convening to support local governments in their efforts to plan for a changing climate.

Agenda Item #1. ONE BAY, Resilient Communities Working Group

Maya Burke, Tampa Bay Regional Planning Council

The Tampa Bay Regional Planning Council has initiated the ONE BAY, Resilient Communities Working Group to engage the local 4-county planning community (planning, emergency managers, floodplain managers, city administration, etc.) to improve coastal resilience to sea-level rise, extreme weather and floodplain management in the Tampa Bay region. The structure of the group and regularity of meetings are still being established. The first meeting was held Friday, May 2nd, 2014 and topics included an overview of the initiative, an introduction to the TBCSAP, the Gulf Coast Community Handbook (published by TB Estuary Program), Sea-Level Rise and Storm Surge Mapping (TBRPC), and mitigation strategies.

The high priority projects to be initiated summer 2014 include:

- Build a framework for a website that will act as a clearing house of regional climate change and sea-level rise data.
- A needs assessment from practitioners to understand what is needed to make better decisions and policies.

Agenda Item #2. Inundation Mapping and Sea-Level Rise Scenarios

- The group began the discussion of inundation mapping and sea-level rise scenario recommendation, two distinct topics.
- For inundation mapping, other groups around Florida and the US have used a variety of mapping increments including but not limited to 0.5 foot increments or 1 foot increments. Maps have been generated from 0.5 foot to a general maximum of 6 feet. The group discussed increments of mapping as well as a range of elevation we might recommend. No decision was yet made.
- The group began the discussion on entities that model sea-level rise in Florida (NOAA, US Army Corps of Engineers, others) as well as the projections from the recent Intergovernmental Panel on Climate Change (IPCC), and the National Climate Assessment (NCA). This will be an ongoing conversation. No specific recommendations were discussed.

Agenda Item #3. Workshop for Elected Officials

- Elected officials are a key audience for the sea-level rise and climate change conversation. In Miami-Dade County, Florida Atlantic University facilitated a workshop providing an overview of the recent science, presented inundation maps, and hosted expert speakers. The group sees a model like that as a good fit for our efforts, but would like to see the coordination maintained at a local level, through the TBSCAP and our associated institutions. There was discussion as to timing and regional scope of such a workshop. The group agreed that waiting until the winter of 2015 to allow for enough planning time. There was discussion of (1) starting with a Pinellas County (including all municipalities) workshop, (2) scheduling 4 different 1-county workshops, or (3) a 4-county workshop. No decision was made. This will be an ongoing discussion.

Agenda Item #4. Next Steps

- **July 15, 2014** – Next Meeting, Location-Tampa Bay Regional Planning Council

For additional information:

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TBCSAP Member Attendees on 6/11/14:

Organization	Name
Facilitator - UF/IFAS Extension, Florida Sea Grant	Libby Carnahan
Florida Climate Institute	Dr. Gary Mitchum
Hillsborough County	Margaret Rush
Manatee County	Robert Brown
NOAA National Atmospheric and Oceanic Administration	Kristen Laursen
Pasco County	Melissa Charbonneau
Pasco County	Keith Wiley
Pinellas County	Andy Squires
Southwest Florida Water Management District	John Ferguson, P.G.

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Southwest Florida Water Management District	David DeWitt
Tampa Bay Regional Planning Council	Maya Burke
Tampa Bay Water	Dr. Alison Adams, P.E.
The National Weather Service, Tampa Bay	Dr. Charlie Paxton
University of South Florida, College of Marine Science	Dr. Steve Meyers
University of South Florida, Dept. of Geosciences	Dr. Mark Hafen
US Geological Survey	Dr. Nathaniel Plant

Guest Attendees on 6/11/14:

Organization	Name
FL Sea Grant UF/IFAS Extension	Mary Campbell, Pinellas County Director