



Working Group

May 2, 2014

9:30 AM to 11:30 AM

Tampa Bay Regional Planning Council

4000 Gateway Centre Blvd. Suite 100

Pinellas Park, FL 33782

www.tbrpc.org

* AICP CM Credits (2.0) Pending

Agenda

1. ONE BAY: Resilient Communities and the Climate Adaptation Technical Working Group

Presenters: Maya Burke, Senior Planner
Tampa Bay Regional Planning Council

Libby Carnahan, Marine Extension Agent
Florida Sea Grant, Pinellas County Extension

Maya Burke and Libby Carnahan will describe complementary efforts just getting underway to improve coastal resilience to sea level rise, extreme weather and floodplain management in the Tampa Bay region.

2. Gulf Coast Community Handbook

Presenter: Lindsay Cross, Environmental Science and Policy Manager
Tampa Bay Estuary Program

The Tampa Bay Estuary Program recently published a review of the latest climate science, with a focus on impacts to habitats such as marshes and mangroves that are especially vulnerable to rising sea levels. The handbook features 21 case studies from Gulf Coast National Estuary Programs and National Estuarine Research Reserves that showcase effective ways to improve the resiliency of coastal habitats. It also contains interactive links to climate change resources, such as online mapping tools and scientific publications, and step-by-step recommendations to assist communities in assessing their vulnerabilities and developing response and resiliency strategies.

Web link: <http://www.tbep.tech.org/DATA/cre/gulfcoasthandbook.pdf>

3. Sea Level Rise and Storm Surge Mapping

Presenter: Marshall Flynn, IT/GIS Director
Tampa Bay Regional Planning Council

The Tampa Bay Regional Planning Council offers several mapping tools that are useful for understanding sea level rise and storm surge modeling. Marshall Flynn will provide an overview of several of these tools, including a 2006 study that identified areas that are likely to be protected from erosion, inundation, and flooding as well as those areas where natural shoreline retreat is likely to take place, a sea level rise viewer developed in concert with the Tampa Bay Estuary Program and the Storm Tide Atlas.

Web links: http://www.tbrpc.org/mapping/sea_level_rise.shtml
http://www.tampabay.wateratlas.usf.edu/TB_SLRViewer/
http://www.tbrpc.org/tampabaydisaster/sres2010/Vol_7_Atlas.shtml

4. Community Rating System and Local Mitigation Strategies

Presenter: Eugene Henry, Hazard Mitigation Manager
Hillsborough County

The objective of the Community Rating System (CRS) is to reward communities that are doing more than meeting the minimum NFIP requirements to help their citizens prevent or reduce flood losses. The CRS Coordinator's Manual that sets the criteria for CRS classification was updated in 2013 and can be used to help guide communities that want to design or improve their floodplain management programs. A Local Mitigation Strategy (LMS) is a plan that serves as a resource for technical advice, knowledge of funding sources, and general information regarding hazard mitigation and is used to reduce and or eliminate the risks associated with natural and man-made hazards. Eugene Henry will provide an overview of these programs and how they fit into the larger discussion regarding sea level rise and other coastal hazards and extreme weather events.

Web link: <http://www.fema.gov/national-flood-insurance-program-community-rating-system>

5. USFSP Sustainability Work Group

Presenter: Karin Braunsberger, Ph.D., Professor of Marketing, USFSP College of Business
Leon Hardy, Ph.D., Lecturer, USFSP Department of Biological Sciences

The USFSP Sustainability Work Group has been working to explore developing a course of study in sustainability at USFSP. The USFS- SWG will share their findings and discuss how USFSP and the ONE BAY Livable Communities Working Group may partner to better understand issues of sustainability and work together to educate students, businesses and community members.

Web link: <http://usfsp-swg.org/>

6. Regional Round-up

Presenters: Working Group Participants

Please come prepared to share new planning initiatives or update ongoing activities that address coastal resilience and/or further the One Bay Livable Communities Vision and Guiding Principles.