**Highlights of the SE Florida Climate Compact and the Hampton Roads Intergovernmental Planning Pilot Project**

**Prepared for NE Florida’s Public Private Regional Resiliency (P2R2) Committee Meeting**

**March 13, 2015**

**SE Florida Climate Compact**

1. Policy and Advocacy
   1. Collaborated on development and adoption of the Compact Resolution. It addresses:
      1. Joint legislative policy development
      2. Development of a regional GHG baseline
      3. Development of a regionally consistent sea level rise projection for coming decades
      4. Development of Preliminary inundation mapping
      5. Development of a Regional Climate Action plan
      6. Coordination of Annual Leadership Summit
   2. Since ratification Compact partners have advanced policy and advocacy goals through joint positions, resolutions, letters and funding proposals as well as advocacy in Tallahassee and Washington DC.
      1. Miami Beach $100 million grant for stormwater pumping.
      2. Beach renourishment advocacy for Amendment 1 funds.
      3. Adaptation Action areas in Florida Growth Management laws.
2. Baseline Greenhouse Gas (GHG) Emissions for SE Florida
   1. Developed GHG inventories for the region by County and source category (i.e. transportation, commercial and residential buildings, etc.)
   2. Included as a supporting document to the Regional Climate Action Plan.
3. Unified Sea Level Rise Projection
   1. Used by Compact counties for planning purposes to aid in understanding potential risks/vulnerabilities.
   2. Serves as a basis for outlining adaptation strategies for the region.
   3. Based on US Army Corps of Engineer’s July 2009 Guidance Documents
   4. Two key planning horizons
      1. 2030 SLR 3-7 inches
      2. 2060 SLR 9-24 inches
4. Inundation Mapping an Vulnerability Assessment of Areas at Risk by Sea Level Rise
   1. South Florida Water Management District (SFWMD) produced inundation layers to represent areas potentially vulnerable to one-, two- and three-foot SLR scenarios.

Website Link: <http://www.southeastfloridaclimatecompact.org/>

**Hampton Roads Intergovernmental Planning Pilot Project (Facilitated by ODU)**

**Federal, State, and Local Governments working together.**

* Several initiatives to address SLR already in progress by different governmental entities.
* No intergovernmental coordination across these disparate efforts.
* Effective planning requires unified, coordinated approach across Federal, state, and local agencies and private sector, with public participation.
* As an unaffiliated agency, Old Dominion University orchestrates the planning efforts.
* Pilot Project closes this coordination gap with a “whole of government” approach.

**Drivers**

1. US Navy--$35 million for WWII era pier replacements
2. Residential---$1 billion in flooding prevention infrastructure required in coming decades.
3. Municipal--- 837 miles of road impacted at 3 foot SLR
4. Economic Impact--- Virginia Beach- Norfolk Metropolitan Statistical Area ranks 10th in the world in value of assets impacted by SLR.

**Mission**

1. The mission of the Pilot Project is to develop a regional “whole of government” and “whole of community” approach to sea level rise preparedness and resilience planning in Hampton Roads that also can be used as a template for other regions.

**Vision**

## An intergovernmental planning organization that effectively coordinates sea level rise preparedness and resilience planning of Federal, state and local government agencies and the private sector, taking into account the perspectives and concerns of the citizens of the region.

Address the four major impacts of sea level rise:

1. Permanent inundation
2. Increased tidal flooding
3. Increased storm surge, both frequency and magnitude. This is also referred to as recurrent flooding.
4. Combined impact of sea level rise, precipitation and groundwater elevation on storm water drainage.

**Timeline**

The Pilot Project will be conducted in two phases, each tentatively lasting one year.

1. **Phase I. June 2014 – June 2015**

The goal of the first phase is to develop a Memorandum of Agreement setting the organizational structure and operating procedures for coordinating intergovernmental sea level rise preparedness and resilience planning. Includes a review of key Federal, Commonwealth of Virginia, and regional reports and policy documents that may provide guidance or recommendations applicable to this regional planning effort, lessons learned and best practices from other regional sea level rise planning efforts in the United States and abroad, and other studies and analyses related to sea level rise adaptation that may help inform this planning effort. The Steering Committee should assess the value of modeling and simulation tools for the initial planning efforts to be launched in Phase II.

1. **Phase II. June 2015 – June 2016**

The initial intergovernmental planning organization developed in Phase I will commence coordination of sea level rise preparedness and resilience planning by Federal, state and local government agencies and the private sector, with inputs from the public. The lessons learned in Phase II will be used to refine the organizational structure and operating procedures to allow a permanent intergovernmental planning organization to commence operations immediately upon conclusion of the Pilot Project.

**Committees and Working Groups**

Members of the committees and working groups are dedicated volunteers with the experience and knowledge to further the Pilot Project’s goals. Current groups are:

* Pilot Steering Group
* Legal Working Group
* Infrastructure Planning Working Group
* Land Use Planning Working Group
* Citizen Engagement Working Group
* Education Advisory Committee
* Senior Advisory Committee
* Science Advisory Committee
* Economic Impacts Advisory Committee
* Private Infrastructure Advisory Committee
* Municipal Planning Advisory Committee

Website link: <http://www.centerforsealevelrise.org/about-the-center-for-sea-level-rise/>