



# Community Resiliency Initiative: Planning for Sea Level Rise

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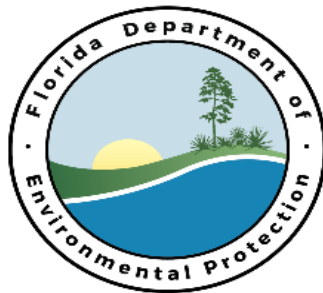


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# Community Resiliency Initiative

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This project was funded in part, through a grant agreement from the Florida Department of Environmental Protection, Florida Coastal Management Program, by a grant provided by the Office of Ocean and Coastal Resource Management under the Coastal Zone Management Act of 1972, as amended, National Oceanic and Atmospheric Administration Award No. NA13NOS4190053. The views, statements, findings, conclusions and recommendations expressed herein are those of the author(s) and do not necessarily reflect the views of the State of Florida, NOAA or any of their sub-agencies.



# Community Resiliency Scope of

## Work

### Working to help local governments:



- Identify areas of current and future flood risk (vulnerability assessments & modeling).
- Develop coastal resiliency strategies and integrate policies into planning processes.
- Implement statutory Peril of Flood language.
- Share the results and lessons learned.

# Community Resiliency Scope of Work

- **Year 1:** Build partnerships, gather information and establish parameters.
- **Year 2:** Evaluate vulnerability assessments, select pilots and develop guidance on adaptation planning / Adaptation Action Areas Pilot Project.
- **Year 3:** Pilot adaptation planning guidance in three communities.
- **Year 4:** Compiling Lessons Learned and disseminating results.
- **Year 5:** Information Dissemination and Outreach.
- **Adaptive Action Initiative Years 1 - 4**



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# Recently Completed:

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- **Project of Special Merit – Train the Trainers**
- **Peril of Flood Workshops**
- **Pilot Projects for Adaptation Action Area Plans**









## TRAINERS AND TOOLS: BUILDING COASTAL FLOOD HAZARD RESILIENCY IN FLORIDA'S COMMUNITIES

TRANSLATION OF SCIENCE TO  
POLICY AND RISK PREPAREDNESS

# HAZARD ASSESSMENT TOOLS

 <p><b>CANVIS</b> NOAA</p>	 <p><b>SEA LEVEL RISE (SLR) VIEWER</b> NOAA</p>	 <p><b>COASTAL FLOOD EXPOSURE MAPPER</b> NOAA</p>	 <p><b>SKETCH PLANNING TOOL</b> UF GEOPLAN CENTER</p>
<p>Intended to elicit higher levels of stakeholder engagement, CanVis utilizes no data and modifies imagery to show potential inundation scenarios.</p>	<p>Can facilitate stakeholder engagement, scoping and inventory, and assessment and analysis, SLR Viewer offers an online interactive platform in map format to display a variety of sea level rise scenarios.</p>	<p>Helps start community discussions about hazard impacts with maps of your area that show people, places, and natural resources exposed to coastal flooding.</p>	<p>Offers a variety of sea-level rise analyses related to transportation ;intended to promote stakeholder engagement, scoping/ inventory, assessment/analysis, and planning.</p>





# Adaptation Action Planning:



## PAST:

- Fort Lauderdale
- Broward County



## CURRENT:

- City of St. Augustine
- City of Clearwater
- Escambia County

# Adaptation Action Areas

## Section 163.3177(6)(g)(10), Florida Statutes

Optional designation for areas experiencing or are vulnerable to current and future coastal flooding

Criteria for the AAA may include, but need not be limited to areas for which:

- Land elevations are below, at, or near mean higher high water
- Have a hydrologic connection to coastal waters
- Are designated as evacuation zones for storm surge



# Adaptation Action Areas

## Section 163.3164(1), Florida Statutes – Coastal Management Element, Comprehensive Plan

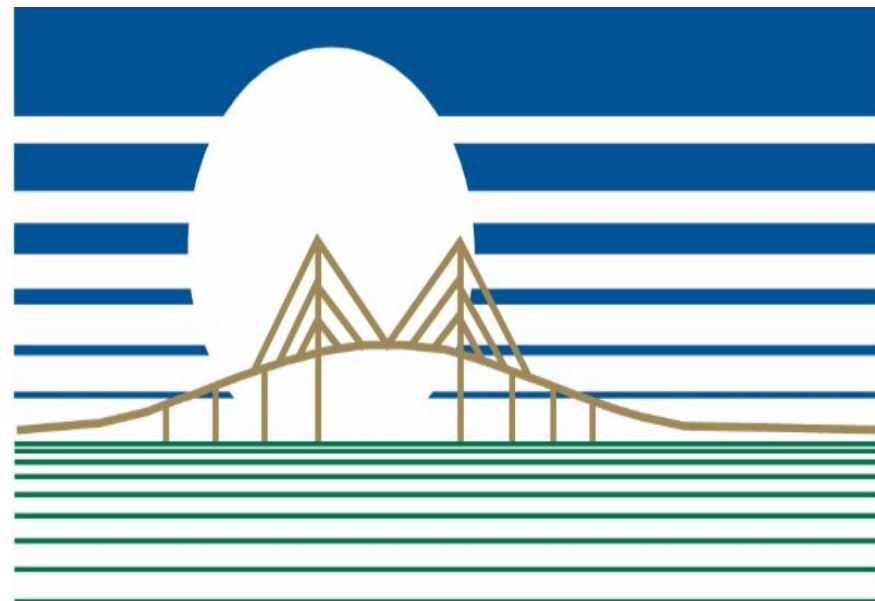
### AAA Purpose:

- Identify infrastructure funding priorities
- Adaptation planning

### AAA identifies one or more areas that:

- Experience coastal flooding due to extreme high tides and storm surge
- Are vulnerable to the related impacts of rising sea levels





*Tampa Bay Regional Planning Council*  
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<http://www.tbrpc.org/events/perilofflood/>

# ***What is the Peril of Flood Act?***

Section 163.3178(2)(f)1, Florida Statutes, now includes sea-level rise as one of the causes of flood risk that must be addressed in the “redevelopment principles, strategies, and engineering solutions” to reduce flood risk. The new law, which became effective July 1, 2015, specifies new requirements for the coastal management element of a local government's comprehensive plan related to coastal flooding and the related impacts of sea level rise.



# ***What is the purpose of the Peril of Flood workshops?***

- Discuss the requirements of the Peril of Flood legislation for local government comprehensive plans.
- Identify best practices to address coastal flooding and the related impacts of sea level rise.
- Participate in knowledge sharing about strategies, principles, site development techniques, and related engineering solutions that will inform the goals, objectives and policies to be developed by the local government for its coastal management element .

## **Focus of Next 4 Years:**

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- **Continue building partnerships: statewide focus group and state agency sub-group.**
- **Technical assistance to local governments.**
- **Integrating adaptation into current planning and development processes – funding for local government adaptation planning efforts and implementation of Peril of Flood legislation.**

# Develop guidance materials and updates to Adaptation Planning Guidebook and

## POST-DISASTER REDEVELOPMENT PLANNING

*Addressing Adaptation  
During Long-term Recovery*

Florida Department of Economic Opportunity | Florida Division of Emergency Management



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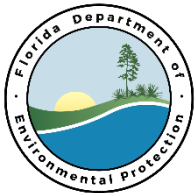




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<http://www.floridajobs.org/community-planning-and-development/programs/community-planning-table-of-contents/adaptation-planning>



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