

Peril of Flood Act

- CS/CS/CS/SB 1094 approved by Governor Scott on 5/22/15
- Laws of Florida Chapter No. 2015-69

<https://www.flsenate.gov/Session/Bill/2015/1094/?Tab=BillHistory>



Peril of Flood Act

1. Include development and redevelopment principles, strategies, and engineering solutions that reduce the flood risk in coastal areas which results from high-tide events, storm surge, flash floods, stormwater runoff and the related impacts of sea-level rise.

Peril of Flood Act

2. Encourage the use of best practices development and redevelopment principles, strategies, and engineering solutions that will result in the removal of coastal real property from flood zone designations established by the Federal Emergency Management Agency

Peril of Flood Act

3. Identify site development techniques and best practices that may reduce losses due to flooding and claims made under flood insurance policies issued in this state.

Peril of Flood Act

4. Be consistent with, or more stringent than, the flood-resistant requirements in the Florida Building Code and applicable flood plain management regulations set forth in 44 C.F.R. part 60.

Peril of Flood Act

5. Require that any construction activities seaward of the coastal construction control lines established pursuant to Sec. 161.053 be consistent with chapter 161.

Peril of Flood Act

6. Encourage local governments to participate in the National Flood Insurance Program Community Rating System administered by the Federal Emergency Management Agency to achieve flood insurance premium discounts for their residents.

Jurisdictions that have adopted Peril of Flood amendments

- **St. Petersburg (DEO #15-5ESR)**
- **Treasure Island (DEO #16-1ESR)**
- **Madeira Beach (DEO #16-1ESR)**
- **South Pasadena (DEO #16-1ESR)**
- **Miami Beach (DEO #16-1ESR)**
- **Tampa (DEO #17-1ESR?)**

St. Petersburg DEO #15-5ESR

OBJECTIVE CM I I

The City will reduce natural hazard impacts through compliance with FEMA regulations, participation in NFIP's Community Rating System (CRS) and by targeting, repetitive flood loss and vulnerable properties for mitigation.

CM I I.9 The City shall continue to participate in the Federal Emergency Management Agency's National Flood Insurance Program and Community Rating System in order to achieve higher flood insurance premium discounts.

CM 11.-12 ~~After adoption of the Pinellas County Local hazard Mitigation Strategies by Pinellas County,~~†The City will consider amendments to its comprehensive plan and land development regulations based upon any new or revised ~~the recommendations therein of~~ in the Pinellas County Local Mitigation Strategy.

St. Petersburg DEO #15-5ESR

CM 11.13 The City will continue to attend the continuing meetings of the Pinellas County Local Hazard Mitigation Strategy Work Group Committee to ensure that the strategies are implemented and updated as necessary.

CM 11.14 In order to reduce flood risk, the City shall continue to promote the use of the development and redevelopment principles, strategies and engineering solutions contained in the Florida Building Code and the Land Development Regulations.

CM 11.15 Through implementation of the Land Development Regulations, the City will continue to be consistent with, and in some instances more stringent than, the flood resistant construction requirements in the Florida Building Code and federal flood plain management regulations.

St. Petersburg DEO #15-5ESR

DEO technical assistance comments:

City did not address s. 163.3178 (2)(f)1., F.S. completely (sea level rise)

1. Include development and redevelopment principles, strategies, and engineering solutions that reduce the flood risk in coastal areas which results from high-tide events, storm surge, flash floods, stormwater runoff, and the related impacts of sea-level rise.

St. Petersburg DEO #15-5ESR

DEO technical assistance comments:

**City did not address s. 163.3178 (2)(f)5., F.S.
(CCCL)**

5. Require that any construction activities seaward of the coastal construction control lines established pursuant to Sec. 161.053 be consistent with chapter 161.

St. Petersburg DEO #15-5ESR

City's response to DEO comments:

Section 19. New Policy CM 11.14 in Chapter 5, Coastal Management Element, is hereby added to read as follows:

In order to reduce flood risk resulting from or associated with high-tide events, storm surge, flash floods, stormwater runoff and the impacts related to sea-level rise, the City shall continue to promote the use of the development and redevelopment principles, strategies and engineering solutions contained in the Florida Building Code and the Land Development Regulations.

St. Petersburg DEO #15-5ESR

City's response to DEO comments:

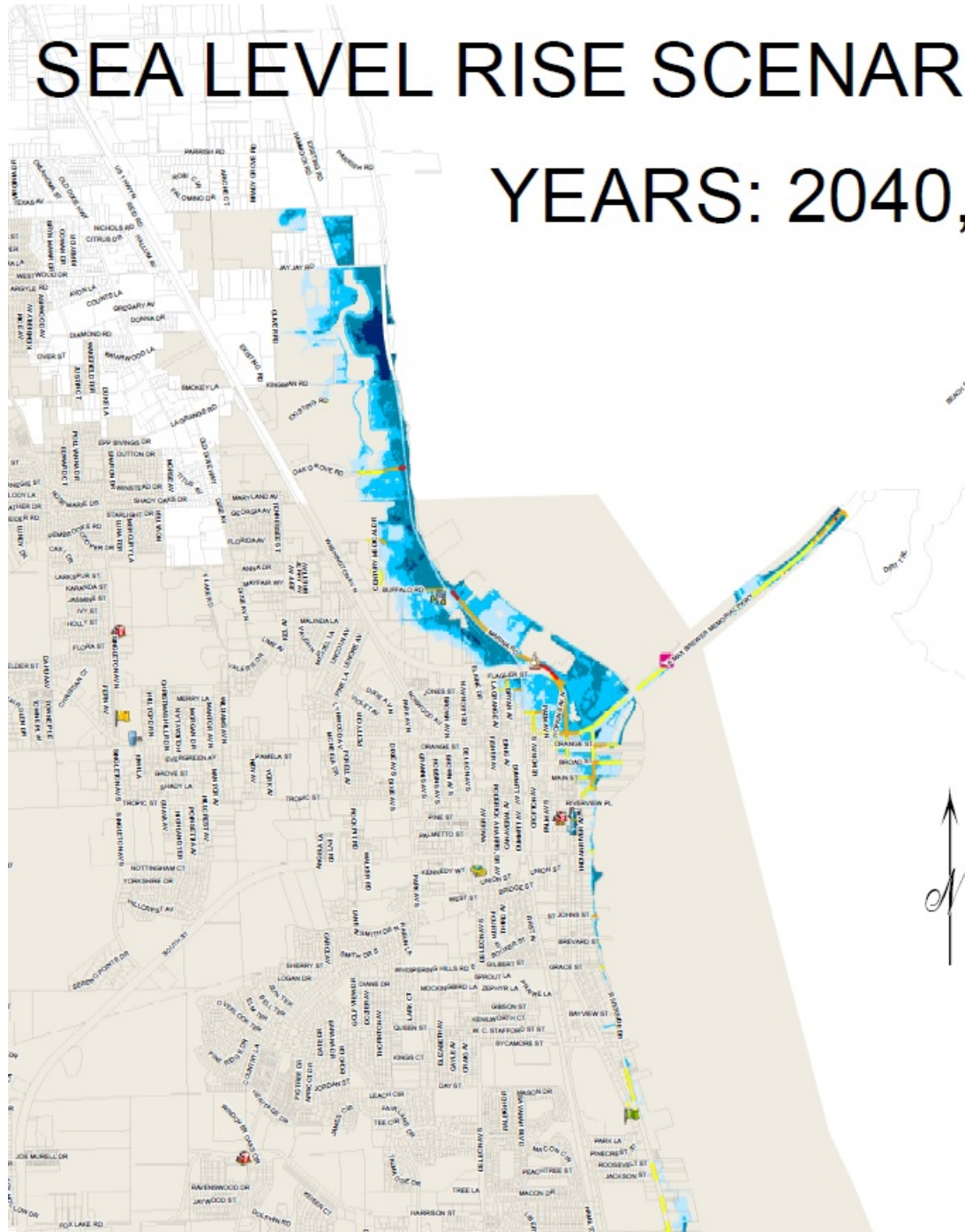
"...the City's jurisdictional boundaries do not touch the Gulf of Mexico, thus, the Comprehensive Plan does not need to address activities seaward of the CCCL."

Peril of Flood Act

- Attended a workshop on the UF Geoplan Center's **Sea Level Sketch Planning Tool**.
- Used the same parameters as the East Central Florida Regional Planning Council's Sea Level Rise Vulnerability Assessment for Transportation Facilities in Brevard County.

SEA LEVEL RISE SCENARIO IN TITUSVILLE

YEARS: 2040, 2060, 2080, 2100



Legend

FACILITIES

- Blue Heron Water Reclamation Facility
- City Garage
- City Hall
- County Fire Station #24
- Economic Development / Chamber of Commerce
- Fire Station #10
- Fire Station #11
- Fire Station #12
- Fire Station #13
- Harry T. Moore Social Services Center
- Mourning Dove Water Production Facility
- Osprey Water Reclamation Facility
- Public Works / Police Substation
- Titusville Municipal Marina
- Titusville Police Department
- Veterans Memorial Fishing Pier
- Wastewater Systems Compound

ROADS UNDER WATER

- 2060 NOAA High, Daytona Beach Shores
- 2080 NOAA High, Daytona Beach Shores
- 2100 NOAA High, Daytona Beach Shores

INUNDATION: 2040, 2060, 2080, 2100

- 2040 NOAA High, Daytona Beach Shores
- 2060 NOAA High, Daytona Beach Shores
- 2080 NOAA High, Daytona Beach Shores
- 2100 NOAA High, Daytona Beach Shores

Peril of Flood Act

- Included policies into the Coastal Management that address the Peril of Flood requirements consistent with Sec. 163.3178 Fla. Stat. [2015 Legislature]
- Included policy consistent with Sec. 163.3178(h) Coastal High Hazard Area required reference to the ***“Sea, Lake and Overland Surges from Hurricanes (SLOSH) computerized storm surge model to be inundated from a category one hurricane”*** by adopting the 2015 Brevard County Hazard Mitigation Plan by reference. [2010 Legislature]

Peril of Flood Act

NEXT STEPS

- Transmittal Hearing May 8th
- Adoption August 2018
- Staff may recommend developing a Resiliency Plan to implement the new policies.