

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS**

WORKSHOP SUMMARY

Meeting Date: June 22, 2021
Department: County Administration
Submitted for: Office of Resilience

I. EXECUTIVE BRIEF

Title: Coastal Resilience Partnership of Southeast Palm Beach County - Climate Change Vulnerability Assessment Results

Summary: Since 2017, staff from municipalities in southeastern Palm Beach County and staff from the County's Office of Resilience (OOR) have been meeting to discuss strategies to address climate change impacts across jurisdictional boundaries. In 2019, Palm Beach County, Boca Raton, Boynton Beach, Delray Beach, Highland Beach, Lake Worth Beach, Lantana, and Ocean Ridge, informally named the Coastal Resilience Partnership of Southeast Palm Beach County (CRP), executed an Interlocal Agreement to conduct a joint Climate Change Vulnerability Assessment (CCVA) for those areas within the boundaries of each participating municipality along with specific tracts of unincorporated Palm Beach County. With socioeconomic data woven into each threat assessment, the CCVA provides a baseline understanding of community risks from twelve climate threats and informs equitable adaptation strategies that each jurisdiction can adopt. This collaborative approach resulted in reduced project costs while fostering synergy and consistency in resilience efforts in the region. This workshop will share CCVA results, County implications, and potential CRP next steps. The final report will be available in July and will share detailed information about the CRP region's vulnerability to the studied climate threats along with potential adaptation strategies. Staff is recommending that the County accept the CCVA results discussed at the workshop and continue to collaborate with the CRP. Countywide (RPB)

Background and Policy Issues: The CRP has completed a five-step process to complete the CCVA: 1) identify the most relevant climate threats for the region to address, 2) assemble asset data to be included in the CCVA, 3) assess the vulnerability and risk of each asset in the study area, 4) discuss and prioritize adaptation strategies for both individual jurisdictions and the region, and 5) publish the results. Along the way, the project team collaborated with local experts, community members, and stakeholders to gather anecdotal information about the region's most vulnerable areas and prioritize adaptation strategies most equitably.

The twelve threats considered in the study include high winds, rainfall-induced flooding, tidal flooding, extreme heat, drought, wildfire, shoreline recession, storm surge, groundwater inundation, saltwater intrusion, harmful algal blooms, and pest and disease outbreaks. The CCVA results will not only inform regional resilience efforts but also inspire future climate partnerships that replicate the unique CRP structure. This CRP CCVA supports the County's Environmental Protection and Infrastructure strategic priorities to create more resilient communities, mitigate climate change impacts, increase infrastructure sustainability, and plan and design for extreme weather events. The study supports Goal 5 of the Coastal Management Element of Palm Beach County's Comprehensive Plan (Coastal Resilience) and is consistent with Southeast Florida Regional Climate Compact priorities.

Attachments:
None

Recommended by: Megan S. Howard 5-26-21
Department Director **Date**

Approved By: [Signature] 6/9/21
County Administration **Date**

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2021	2022	2023	2024	2025
Capital Expenditures	0	_____	_____	_____	_____
Operating Costs	0	_____	_____	_____	_____
External Revenues	0	_____	_____	_____	_____
Program Income (County)	0	_____	_____	_____	_____
In-Kind Match (County)	0	_____	_____	_____	_____
NET FISCAL IMPACT	0	_____	_____	_____	_____
# ADDITIONAL FTE POSITIONS (Cumulative)	0	_____	_____	_____	_____

Is Item Included in Current Budget? Yes _____ No X

Does this item include the use of federal funds? Yes _____ No X

Budget Account No.:

Fund ___ Department ___ Unit ___ Object ___ Program _____

B. Recommended Sources of Funds/Summary of Fiscal Impact:

There is no fiscal impact associated with this item.

C. Department Fiscal Review:

S. Heary

III. REVIEW COMMENTS

A. OFMB Fiscal and /or Contract Dev. and Control Comments:

Shirley Monte 5/27/21
OFMB 9A 5-26-21 5-26-21

Jim S. Jacobson 6/18/21
Contract Development and Control
6-8-21 TW

B. Legal Sufficiency:

[Signature] 6/18/21
Assistant County Attorney

C. Other Department Review:

Department Director

(THIS SUMMARY IS NOT TO BE USED AS A BASIS FOR PAYMENT.)