



#ResilientBroward

November 2022

A two-year planning effort focused on building community resilience to the impacts of climate change in Broward County

BROWARD COUNTY: A RESILIENCE PLAN IN THE MAKING

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Progress Update:

The County's base hydrologic model has been updated to incorporate current pervious/impervious cover county-wide and detailed stormwater data, information that will improve model performance and guide adaptation strategies. Local data and insights will continue to be solicited to support model validation and adaptation plan development.



The Resilience Plan Steering Committee held its third meeting on October 12, 2022, with a detailed review of project model scenarios, including sea level rise, storm surge and rainfall in the context of Hurricane Ian and observed impacts. Presentations reinforced the importance of accounting for compound flood factors, but also the plan's emphasis on higher frequency return period events needed for resilient infrastructure design as opposed to low-frequency high-impact events that provide the basis for evacuation planning.



The Steering Committee was provided an initial glimpse of the anticipated features of a template Resilience Plan on-line platform with localized visuals to present flood risk and performance of preferred adaptation projects.



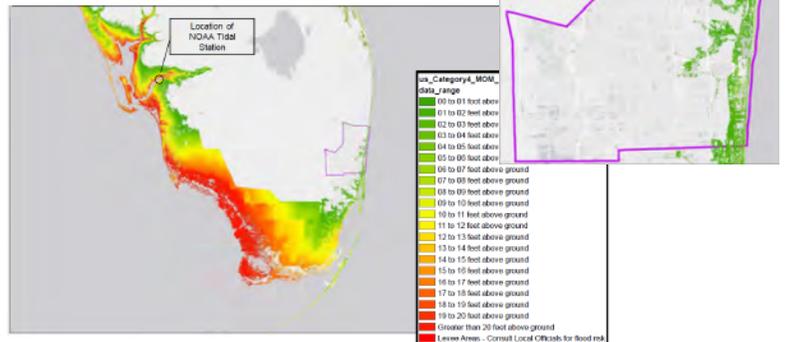
Stakeholder Coordination:

The County recently held a stakeholder kick-off workshop (Sept 15) for municipalities and the water management community, with nearly 100 attendees. The next several workshops (into January) will include preliminary model results and sub-regional in-person workshops to review model results and identify flood locations and water management issues of local concern. Additional opportunities for formal engagement will be posted on the plan website as efforts progress.

Next Steps:

We anticipate moving into the preliminary phases of adaptation planning and evaluation of the economic modelling toward the end of the first quarter of 2023 and will be sharing updates about the platform as it is developed.

NOAA Estimates for the Surge Produced by a Category 4 Hurricane - Sea, Lakes and Overland Surges



RESILIENT ENVIRONMENT

