



#ResilientBroward

September 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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Rising flood risk and extreme heat present two of the most pressing climate pressures facing the Broward community. To address these risks, Broward County is undertaking a two-year planning effort with the aim to build community resilience to these impacts through infrastructure improvements and redevelopment strategies.

A project Steering Committee has been convened to provide planning oversight. Stay tuned and online for quarterly summaries of committee activities and plan progress.

FLOOD RISK

Hydrologic modeling will be used to evaluate the impacts of future flood conditions (sea level rise, rainfall, and storm surge) and adaption strategies. See the on-line presentation for a review of the complex challenges of local hydrology and water management to learn how sea level rise complicates flooding for inland and coastal communities alike.



HEAT

Green infrastructure is a critical part of water management and adaptation planning, providing water storage, treatment, and urban cooling. The proposed projects will emphasize green infrastructure solutions, especially in areas where rising temperatures and vulnerable populations intersect.

ECONOMICS

Economic analyses are core to the Resilient Broward planning effort, including the direct and indirect impacts of flood risk and adaptation investments. See the on-line presentation for details on the modeling approach and to provide comment on preferred metrics, sectors, and geographic details for presenting results.



HAZARD EXPOSURE

- Frequency, duration, extent of flooding
- Flood damage repair costs
- Socio-economic projections



FIRST PARTY LOSS

- Building and asset damage
- Business disruption
- Cost of lost access to services
- Health impacts



INDIRECT IMPACTS

- Income jobs, investment
- Economic growth
- Beaches, recreation areas
- Insurance affordability
- Real estate and tax revenues



KEY IMPACT METRICS

- Economic activity by sector
- Household impacts
- Asset values
- County finances
- Distribution of impacts



RESILIENT
ENVIRONMENT

