

Collaborating on Regional Resiliency in Tampa Bay

TAMPA BAY REGIONAL PLANNING COUNCIL MISSION STATEMENT

TO SERVE OUR CITIZENS AND MEMBER GOVERNMENTS BY PROVIDING A FORUM TO FOSTER <u>COMMUNICATION</u>, <u>COORDINATION</u>, AND <u>COLLABORATION</u> IN IDENTIFYING AND ADDRESSING NEEDS REGIONALLY.

IN OTHER WORDS, TBRPC IS... "THE CONVENER OF THE REGION"

Leading the Way in Resiliency Planning Since 1985

- The first hurricane evacuation study in the nation
- Sea level rise studies
- Partners in vulnerability assessments
- Florida's first statewide evacuation plan
- Continuity of operation plans for local governments & the business community
- ONE BAY Resilient Communities Working Group





The Survey Results Are

- Improvements to:
 - > Water System*
 - Sewer System*
 - > Drainage System
 - Public Utilities
 - Recreational Facilities *
 - Public Buildings
 - Streets and Roads*



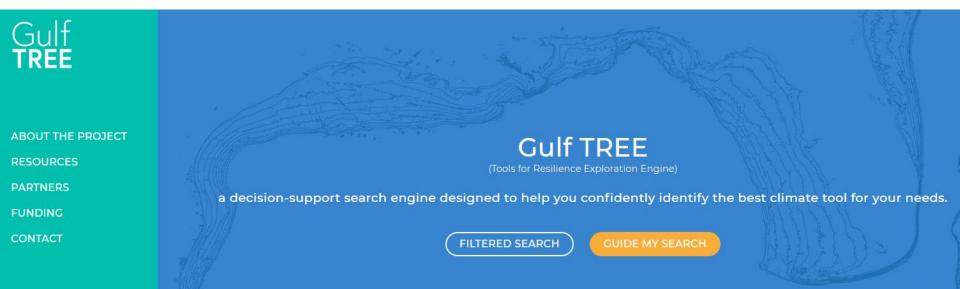


TBRPC, 1967



http://gulftree.org/

Tools for Resilience Exploration Engine





Why Gulf TREE?

There are a lot of tools out there!

(and they all do different things)

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Tampa Bay Climate Science Advisory Panel (CSAP)

- Convened by UF/IFAS Extension, Florida Sea Grant
- Recommended projection of sea-level rise for use throughout the Tampa Bay region
- Includes
 - federal agencies (USACE, USGS, NOAA)
 - regional agencies (TBW, TBEP, TBRPC, SWFWMD),
 - local governments
 - university partners.

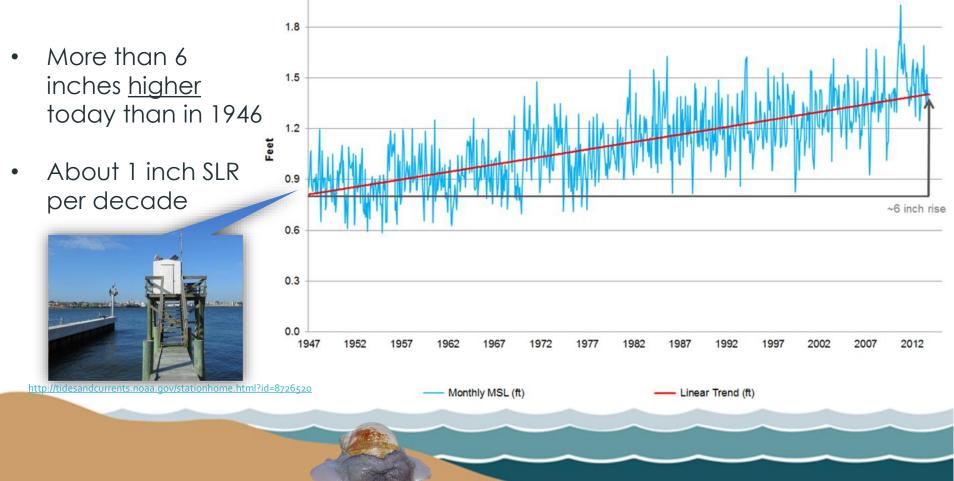


One Bay Resilient Communities Working Group

- Facilitate information and knowledge sharing
- Provide technical assistance to local governments for decision support tools and adaptation planning



Local data show that the region is already experiencing sea-level rise.



OTHER POTENTIAL CLIMATE ISSUES AFFECTING THE FUTURE OF THE REGION

- Heat stress
 - Daytime high temperatures on average up to 8 degrees higher than current by 2100
- Hurricane intensity
 - Potential for a major hurricane once a decade instead of once a century because of increases ocean temperatures
- Increased frequency/intensity of flood and drought events
 - Changes in global weather patterns may prolong wet and/or dry periods in the region





THE TAMPA BAY REGION CAN... PREPARE & & ADAPT

TO THE THREATS OF WEATHER AND CLIMATE

An Initiative of the TBRPC



Genesis

- Initiated in January 2018
- Response to shared challenges
- Voluntary collaboration
- Commitments
 - Policy coordination
 - Common baseline
 - Regional action plan
 - Annual summits





Structure

Steering Committee of Elected Officials

Technical Advisory Committee comprised of members of the scientific and planning community

> Workgroups are being established to involve interested parties and the general public

Communication pathways are being established among committees

Regional priorities are being identified to include as a minimum: *Built Environment, Flooding, Government Initiatives, Social Equity, & Transportation*





Moving Forward

We face the same future and climate uncertainties. We share the same coastal vulnerabilities. Our economies are tightly connected.

This Coalition will provide a formal platform for local governments to:

- Work together to create guidelines for the development of resilient communities
- Learn Best Practices from each other and from other regions
- Leverage regional resilience efforts, to enhance funding and increase competitiveness for grant funds.





MOU Signing Ceremony

October 8th, 2018

Currently stand at 26 Local Governments



Questions?

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tbrpc.org