

# Resilient Ready Tampa Bay

An Initiative of the Tampa Bay Regional Planning Council



**Resilient Ready Tampa Bay** is a regional technical assistance project that will enhance the capacity of Tampa Bay communities to assess, plan for, and adapt to flood impacts through the expanded use of multi-functional green infrastructure systems and resilient landscape design and construction practices.

## Project Overview

The Resilient Ready Tampa Bay project is led by the [Tampa Bay Regional Planning Council \(TBRPC\)](#) and made possible by the [Florida Department of Environmental Protection's \(FDEP\) Resilient Florida Program](#). The City of Tampa is the FDEP Grant Coordinator on behalf of the TBRPC. Two local governments in the Tampa Bay region, in addition to the City of Tampa, will be selected to participate in the project and receive technical engineering analysis/design services at no cost.

From January through June 2022, a team of multidisciplinary professionals, including planners, urban designers, architects, landscape architects, engineers, and hydrologists will meet with municipal staff and stakeholders to create adaptive redesign strategies for vulnerable critical assets in the selected study areas.

Through interactive design charrettes, local governments and the Resilient Ready team will develop flood mitigation designs and cost-benefit information that can be used by local governments to apply for State and Federal grants. At the conclusion of the project, local government participants and subject matter experts will convene for a Symposium/Showcase half-day event.

The application is due [Friday, January 21, 2022, by 4:00 PM](#).

Email the completed application form and the study area's [Risk Index Report](#) to [sarah@tbrpc.org](mailto:sarah@tbrpc.org) to submit your application.

A [Question-and-Answer Session](#) will be held over Zoom on [January 7th from 1:00 - 2:00 PM](#) for interested applicants. This session will be recorded and made publicly available. Contact Sarah Vitale ([sarah@tbrpc.org](mailto:sarah@tbrpc.org)) for more information.

Register for the Q/A session:

<https://us02web.zoom.us/meeting/register/tZUtduhpj8jEtXninOKva-FwqdF4ys7J7vs>

### Eligible Study Areas

To support local governments in their development of flood resilient designs and adaptation projects for application to the *Federal Emergency Management Agency (FEMA) Building Resilient Infrastructure and Communities (BRIC) grant program* and other grant programs, the Resilient Ready eligibility criteria is modeled after the FEMA BRIC program.

Eligible project study areas should align with FEMA’s examples of eligible Community Flood Mitigation projects; including, but not limited to, localized flood control, floodwater storage and diversion, floodplain and stream restoration, and stormwater management. Potential projects that could develop as a result of the Resilient Ready Tampa Bay project can range in scope and scale, from large-green infrastructure to smaller-scale projects for neighborhoods or community redevelopment areas.

The Resilient Ready Team will select one study area from each of the following categories:

1. [Barrier Islands](#)
2. [Waterfront Areas](#)
3. [Inland Areas - Basins/Tributaries/Rivers/Lakes](#)

Applicants may submit more than one application for each category but will only be awarded for one category.

The Resilient Ready Team will assist in the study area analyses and development of preliminary maps and flood vulnerability assessments, including to collect/develop maps and visuals and produce flood hazard exposure assessments. The Team will use methodology and criteria defined in *Florida Statute 380.093*, which will include sea level rise using 2017 NOAA Intermediate-Low and Intermediate-High projections for 2040 and 2070; storm surge (tropical storms through Category 5) and tidal flooding (if appropriate to the study area) and compound flooding of these risks.



## Eligibility Criteria

1. Local government agency (counties and municipalities) in the Tampa Bay region only. Individuals, businesses, and non-profit organizations are not eligible to apply.
2. Member of the *Tampa Bay Regional Resiliency Coalition* .
3. The study area must have a flood risk to infrastructure – physical structures, facilities, and/or systems that provide support to the community and economy.
4. The study area must be located on public property. Consider public spaces in areas with known flooding issues.
5. The study area must be suitable for nature-based solutions, or practices that intertwine natural features or processes into the built environment to build more resilient communities (e.g., living shorelines, ecosystem restoration, mangroves, soil stabilization, bioretention systems, etc.).

### Resilient Redesign

Resilient Ready Tampa Bay is inspired by the Southeast Florida Regional Climate Change Compact's Resilient Redesign project from 2015.

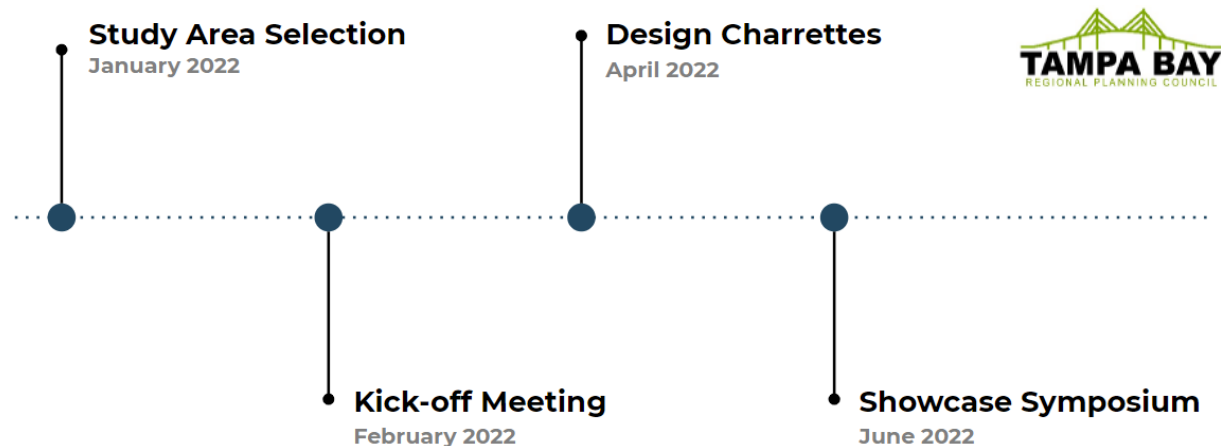
Watch the project video:  
[vimeo.com/138213364](https://vimeo.com/138213364)



## Project Commitments

1. Establish a project team to include a project lead, resilience staff member, public works or engineering or infrastructure department staff member, community services or neighborhood planning staff member, and a floodplain manager.
2. Attendance at the project kick-off meeting (February).
3. Attend virtual meetings (approximately every other week) to provide data, review/discuss study area issues, review designs, etc.
4. Active participation from the full project team for the design charrette (April):  
The selected local government will assist in the coordination of a walking tour of the study area and secure a location for the multi-day design charrette. If a location in the community cannot be secured, Tampa Bay Regional Planning Council will host the design charrette in its office space in Pinellas Park.
5. Present/participate in the Project Showcase Symposium (June).

## Project Timeline



## Study Area Selection Application Form

Form Completed By (Name)

Date

### Resilient Ready Study Area Local Team

Define the local government staff lead and participating team members. Upon selection, additional team members can be identified and invited to participate in the design charrettes.

Project Lead:

Name

Title

Organization

Email

Phone

Resilience Staff Member:

Name

Title

Organization

Email

Phone

Public Works or Engineering or Infrastructure Department Staff Member:

Name	Title	Organization
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Email	Phone
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Community Services or Neighborhood Planning Staff Member:

Name	Title	Organization
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Email	Phone
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Floodplain Manager:

Name	Title	Organization
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Email	Phone
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Identify the preferred charrette location:

Local government will secure a space to conduct a multi-day design charrette

TBRPC office in Pinellas Park

## Study Area Categories

Select one from the following categories.

1. Barrier Islands
2. Waterfront Areas
3. Inland Areas - Basins/Tributaries/Rivers/Lakes

Study Area Category Selection

## Study Area Characteristics

Location

Describe the proposed site for analysis, including its address and site boundaries. Consider public spaces in areas with known flooding issues.

Property Ownership Entities:

Study area must contain public property, e.g., City of Gulfport Veteran's Park

Describe the study area’s existing land use(s), zoning, and future land use(s):

Identify relevant Census Tract(s):

Identify relevant Parcel Number(s):

Approximate size of study area (acres):

Does this study area contain sites that qualify as FEMA Repetitive Loss\* properties?

\*A repetitive loss is when a home, business, or structure is in an area that has experienced flooding at least two times in any 10-year period. Read more:

[fema.gov/txt/rebuild/repetitive\\_loss\\_faqs.txt](https://www.fema.gov/txt/rebuild/repetitive_loss_faqs.txt).

Yes      No



Approximate number of flood events in the last five years within the study area:

Describe the type(s) and cause(s) of flood waters within the study area:

For example, coastal (storm surge), fluvial (river, lake, or stream), and pluvial (flash flood, high tide, and/or surface water flooding).

Describe the movement of floodwaters within the study area (i.e. on-site retention, drainage activity, hydrological connections, etc.):

250 words or less

What is your organization's capacity to implement flood mitigation plans/projects?

250 words or less

How might a flood mitigation investment in this study area reduce flood risks and provide economic, environmental, and community resilience benefits?

250 words or less

What planning studies and/or assessments have been conducted, are currently underway, or are expected to take place in the study area? (e.g., Hazard Mitigation, Small Area Plan)

250 words or less

If applicable, reference recent investments in infrastructure/capital improvements.

250 words or less

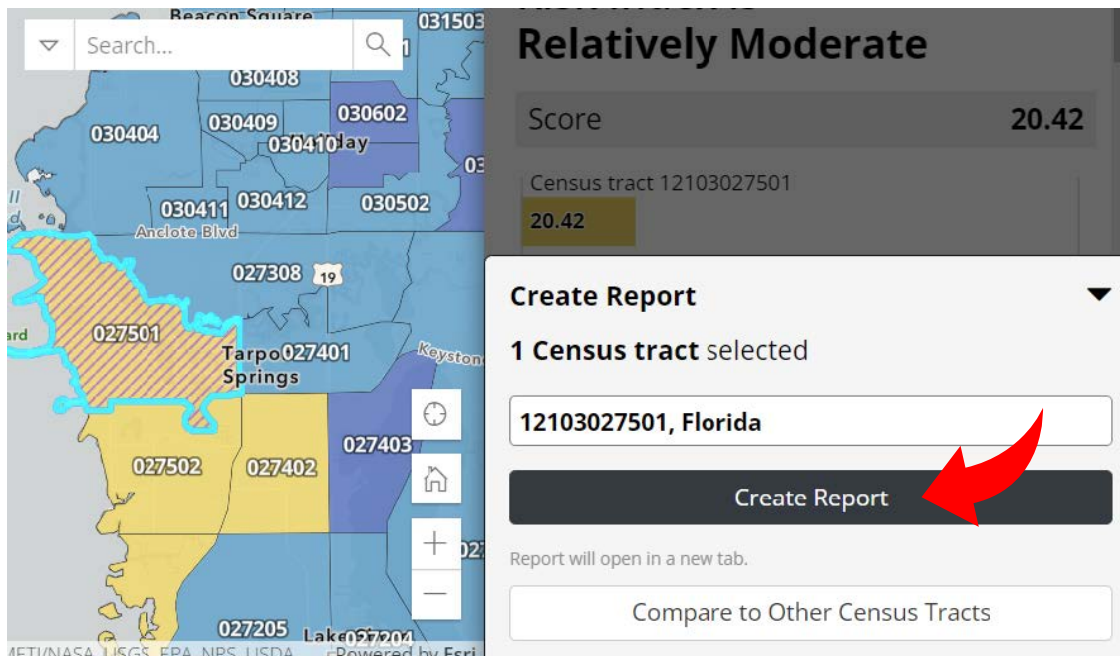
## Additional Documentation

### FEMA National Risk Index

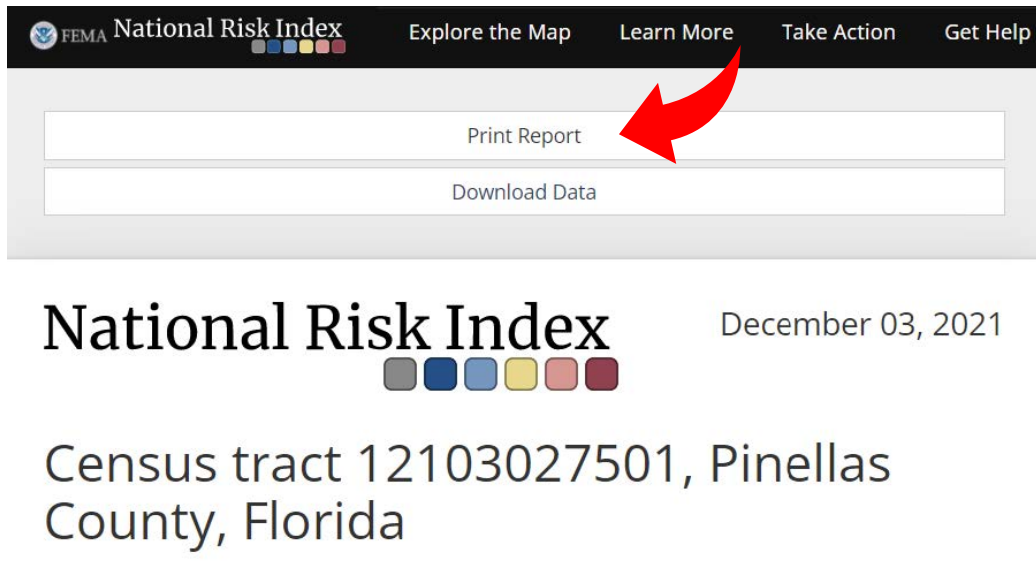
1. Visit [hazards.fema.gov/nri/map](https://hazards.fema.gov/nri/map). Select **“Census Tract View”** and input an address within the boundary of the study area.



2. Click on the relevant Census Tract to view the Tract’s Risk Index. Select **“Create Report.”**



3. A new window will open. Select **“Print Report”** and save the file as a PDF.



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Subscribe to the Resilient Ready email list:

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