

Term

Coastal Zone
Community

Compound Flooding

Cost-effective

Critical Asset

Financially Disadvantage Small Community (for FDEP)

Pre-construction activities

Applicable Florida Statutes

F.S.

380.093

380.093(3)(d)

Definition

All of Florida is in a coastal zone

The County or the impacted population (Seen it used both ways to determine community population)

380.093(1)(d)2.d., F.S.

Combination of tidal, storm surge, and rainfall-induced flooding

In the past, used FEMA BCA, PCU's priority matrix, explaining there's no other alternative/explain the benefits - can be a narrative or numeric values

380.093(2)(a)

“Critical asset” includes:

1. Transportation assets and evacuation routes, including airports, bridges, bus terminals, ports, major roadways, marinas, rail facilities, and railroad bridges.
2. Critical infrastructure, including wastewater treatment facilities and lift stations, stormwater treatment facilities and pump stations, drinking water facilities, water utility conveyance systems, electric production and supply facilities, solid and hazardous waste facilities, military installations, communications facilities, and disaster debris management sites.
3. Critical community and emergency facilities, including schools, colleges, universities, community centers, correctional facilities, disaster recovery centers, emergency medical service facilities, emergency operation centers, fire stations, health care facilities, hospitals, law enforcement facilities, local government facilities, logistical staging areas, affordable public housing, risk shelter inventory, and state government facilities.
4. Natural, cultural, and historical resources, including conservation lands, parks, shorelines, surface waters, wetlands, and historical and cultural assets.

380.093(5)(e), F.S.

1. A municipality that has a population of 10,000 or fewer, according to the most recent April 1 population estimates posted on the Office of Economic and Demographic Research’s website, and a per capita annual income that is less than the state’s per capita annual income as shown in the most recent release from the Bureau of the Census of the United States Department of Commerce that includes both measurements; or
2. A county that has a population of 50,000 or fewer, according to the most recent April 1 population estimates posted on the Office of Economic and Demographic Research’s website, and a per capita annual income that is less than the state’s per capita annual income as shown in the most recent release from the Bureau of the Census of the United States Department of Commerce that includes both measurements.

380.093(2)(c), F.S.

Activities associated with a project that occur before construction begins, including, but not limited to, design of the project, permitting for the project, surveys and data collection, site development, solicitation, public hearings, local code or comprehensive plan amendments, establishing local funding sources, and easement acquisition.

Permit Question

What percent of critical assets in the project impact area considered to be vulnerable? Please describe the method used to determine the percent selected as well as provide a list of critical assets in the project impact area. (Vulnerable critical assets are those at risk of flooding based on applicable scenarios and standards outlined in paragraph 380.093(3)(d), F.S. Until September 1, 2024, if evaluation of those scenarios and standards is unavailable for the project impact area, best available data can be used to determine the percent.)

- None
- At least one critical asset but less than 20%
- 20% or more but less than 40%
- 40% or more but less than 60%
- 60% or more but less than 80%
- 80% or more

Source

<https://floridadep.gov/rcp/rcp/media/florida-coastal-zone-map>

Past Resilient FL applications

[Link to F.S. 380.093 - Resilient Florida Grant Program](#)

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Description

[Link to F.S. 380.093 - Resilient Florida Grant Program](#)

(3) RESILIENT FLORIDA GRANT PROGRAM

(d) A vulnerability assessment conducted pursuant to paragraph (b) must include all of the following:

1. Peril of flood comprehensive plan amendments that address the requirements of s. 163.3178(2)(f), if the county or municipality is subject to such requirements and has not complied with such requirements as determined by the Department of Economic Opportunity.
2. If applicable, the depth of:
 - a. Tidal flooding, including future high tide flooding, which must use thresholds published and provided by the department. To the extent practicable, the analysis should also geographically display the number of tidal flood days expected for each scenario and planning horizon.
 - b. Current and future storm surge flooding using publicly available National Oceanic and Atmospheric Administration or Federal Emergency Management Agency storm surge data. The initial storm surge event used must equal or exceed the current 100-year flood event. Higher frequency storm events may be analyzed to understand the exposure of a critical asset.
 - c. To the extent practicable, rainfall-induced flooding using spatiotemporal analysis or existing hydrologic and hydraulic modeling results. Future boundary conditions should be modified to consider sea level rise and high tide conditions. Vulnerability assessments for rainfall-induced flooding must include the depth of rainfall-induced flooding for a 100-year storm and a 500-year storm, as defined by the applicable water management district or, if necessary, the appropriate federal agency. Future rainfall conditions should be used, if available. Noncoastal communities must perform a rainfall-induced flooding assessment.

Application Section	Application Sub-section
Applicant Information	
Project Information	

	Project Location
Background	
	Tier 1 Criteria Information

	Tier 3 Criteria Information
	Tier 4 Criteria Information
Additional Information	

The following information is for data collection purposes c

Project Work Plan	
Uploads	





Tasks

Task 1
Task 1's Budgetary Category
Task 1's Personnel Grantee (<i>if applicable - grantee is performing work</i>)

Task 2 (if applicable)

**Task 2's Budgetary Category
(if applicable)**

**Task 2's Personnel Grantee (if
applicable - grantee is
performing work)**

	Submittal - Grantee's Certification Statement	
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Descriptions/Subtasks

Applicant Account

Applicant Grant Manager

Applicant Authorized Signee

Applicant Fiscal Agent

Choose the Entity Category (Refer to 380.093(5), F.S., for more information):

-County, municipality, or authorized special district addressing risks of flooding or sea level rise identified in a vulnerability assessment

-Eligible entity mitigating risks of flooding or sea level rise on water supply or water resources of the State

Choose the project type you are submitting (Resilient Florida Program Project Type). Select all that apply by holding "ctrl" button down:

-Coastal flood control

-Cultural or community resource

-Domestic wastewater infrastructure

-Drinking water supply

-Emergency facilities

-Land acquisition

-Living shoreline

-Natural system restoration

-Stormwater infrastructure

-Transportation and evacuation

-Utilities infrastructure

-Preconstruction activities

Project Title (This should be a brief synopsis of the project plan. **Limited to 20 words.**)

List the City(ies)/Town(s)/Village(s) (List all city(ies)/town(s)/village(s) where work is to be performed):

Latitude

Longitude

Project Location narrative (Neighborhood, part of town, intersection, etc)

Will any of the work to be performed or fall on state lands?

Area Served (If applicable, area served only required for projects that mitigate risks on a regional scale)

Sponsor City/County (If applicable. If the applicant is the sponsor, leave blank.)

Explain the demonstrated need(s) and how the project will address those needs. (Explain the demonstrated need which the project addresses.)

Explain how the proposed project fits into the Project Types chosen.

Does the project reduce risk of flooding or sea level rise identified in a comprehensive vulnerability assessment or the comprehensive statewide flood vulnerability and sea level rise assessment? If yes, please explain. (Until July 1, 2024, applicants without a comprehensive vulnerability assessment shall receive points based on risks posed by flooding or sea level rise identified an assessment, report, evaluation, or other documentation of risk that addresses flooding or sea level rise.)

Does the project reduce risk of *compound* flooding identified in a vulnerability assessment or the comprehensive statewide flood vulnerability and sea level rise assessment? If yes, please explain. (Until July 1, 2024, applicants without a comprehensive vulnerability assessment shall receive points based on risks posed by flooding or sea level rise identified an assessment, report, evaluation, or other documentation of risk that addresses flooding or sea level rise.)

Does the project reduce risk to or adapt a regionally significant asset? This can include relocation. If yes, please explain.

What percent of critical assets in the project impact area considered to be vulnerable? Please describe the method used to determine the percent selected as well as provide a list of critical assets in the project impact area. (Vulnerable critical assets are those at risk of flooding based on applicable scenarios and standards outlined in paragraph 380.093(3)(d), F.S. Until September 1, 2024, if evaluation of those scenarios and standards is unavailable for the project impact area, best available data can be used to determine the percent.)

-None

-At least one critical asset but less than 20%

-20% or more but less than 40%

-40% or more but less than 60%

-60% or more but less than 80%

-80% or more

Does the project contribute to existing flood mitigation projects that reduce upland flood damage cost by incorporating new or enhanced structure or natural system restoration and revegetation? If yes, please explain.

- No
- Yes, by incorporating new or enhanced structure
- Yes, by incorporating Natural system restoration and revegetation
- Yes, by incorporating BOTH new or enhanced structure and Natural system restoration and revegetation

What is the current frequency of flooding or erosion in the project impact area? (If area has been flooded 3 times in 5 years or is experiencing ongoing erosion, supporting documentation must be submitted with the application)

- No current flooding or erosion
- Has experienced flooding or erosion in the last 3 years
- Has been flooded at least 3 times in the last 5 years or is experiencing ongoing erosion. If area has been flooded 3 times in 5 years or is experiencing ongoing erosion, please explain and provide documentation

What is the current severity of flooding or erosion in the project impact area? (If area has been flooded greater than 1 foot in the current and each of the previous three calendar years, been flooded for 7 consecutive days or erosion is critical for the asset class, supporting documentation must be submitted with the application)

- No current flooding or erosion
- Flooding greater than 3 inches in last 3 years or has ever experienced unmitigated erosion
- Flooded greater than 1 foot in the current and each of the previous three calendar years, has been flooded for 7 consecutive days or erosion is critical for the critical asset class. If area has been flooded greater than 1 foot in the current and each of the previous three calendar years, been flooded for 7 consecutive days or erosion is critical for the critical asset class, supporting documentation must be submitted with the application.

What is the status of project design? (To receive points for a completed design, plans properly certified by a professional in the relevant field must be submitted with the application.)

- Not designed
- Partially design or site-specific environmental or geotechnical reports have been completed
- Design is complete. To receive points for a completed design, plans properly certified by a professional in the relevant field must be submitted with the application.

Permitting and easement acquisition status. If applicable, please provide a list of necessary permits/easements and application statuses.

- Necessary permits and easements have been identified
- All permits have been applied for or at least one permit has been approved
- All necessary permit(s) and easement(s) have been authorized/ obtained
- No permits or easements are required for the project

Are local funding sources committed as cost share or is the project in a financially disadvantaged small community as defined in 380.093(5)(e), F.S.? If yes, please explain and provide documentation.

Does the project include environmental habitat enhancement or nature-based solutions? If yes, please explain.

Does the project impact area include area that is identified as state or federal critical habitat for threatened and endangered species? If yes, please explain.

Is the project cost-effective? If yes, please explain.

Is 50% local, state, or federal cost share secured for the project? If 50% cost share has been secured, please provide documentation with the application.

-No (unless the project is in a financially disadvantaged small community)

-Cost share has been identified but not appropriated or released

-Cost share has been secured

-The project is in a financially disadvantaged small community and cost share is not required

Has state funding previously been awarded for the project? If so, for what? Please explain and provide information sufficient for the Department to verify previous state funding. (Pre-construction activities are defined in s. 380.093(2)(c), F.S.)

-None

-Preconstruction activities (defined in a. 380.093(2)(c), F.S.) other than design and permitting

-Design

-Permitting

-Construction (previous phases)

Will this project exceed Florida Building Code flood-resistant requirements and local floodplain management regulations? If yes, please outlines the specific requirements and details relating to how the design exceeds the criteria.

-No

-Yes

-These regulations do not apply to the project

Does this project include innovative technologies designed to reduce project costs and provide regional collaboration? If yes, please specify which technologies will be used and explain why they are innovative as well as how they will reduce cost and provide regional collaboration. (For this criterion, "innovative" means an emerging technology or a proven technology used in a unique way to adapt one or more critical assets to the effects of flooding or sea level rise.)

Does the critical asset being adapted or the project impact area contain a financially disadvantaged community? If yes, please explain the metric used to determine financial disadvantage (ex. Local income compared to state average).

Will this project benefit a spring? If yes, please explain.

Will this project protect water sources using alternative water supplies? If yes, please explain.

Will this project construct, upgrade or expand facilities to provide waste treatment? If yes, please explain.

Will this project convert septic to sewer? If yes, please explain.

Has this project been submitted to other programs for funding? If yes, please explain.

What is the population of your community? (Enter integer values only.)

only and do not correlate with any of the project evaluation criteria.

Estimated Project Duration

Permitting (Brief description of expected permit determinations necessary for project completion or relevant permit information once permitted.)
Lands, Easements, Rights of Way (Brief description of acquisitions or permissions necessary for project completion or relevant information once required.)
Critical Infrastructure (Select yes if this project includes critical infrastructure that is confidential or should be redacted from public records searches)
Project located in a Coastal Zone?
SLIP Study Required?
-Yes (upload SLIP Study output) -No
Source of Match:
-Local funds -State funds -Federal funds
Funding Mechanism (Program utilized or local funding mechanism.)
Local Project Phase:
-Planning -Pre-construction (design, permitting, etc.) -Construction -Post-construction Monitoring -Closed
Project Summary (Provide a brief synopsis of the project. Limited to 75 words.)
Project Description (This should be a concise summary of the work being done. It may explain the broader issue that the project will address or what the end goal of the work is. It should NOT restate the tasks or deliverables and should not give specifications or similar detailed descriptions. Limited to 300 words.):
GIS shapefile of project location. If you need a GIS Shapefile created for you, please contact (850) 245-7600.
Map of project impact area (map must have a minimum scale of 1" = 200' and include a compass rose and legend)
Geographic extent of the project area in GIS format
Draft or signed resolution or letter of support from local governing board
Vulnerability Assessment Report or other local study or report
Final design and permitting documents (if applicable)
Match or additional cost-share documents (if applicable)
Subcontractor or other local or regional partnership agreements (if applicable)
Optional: Applicant W-9
Optional: Applicant Certificate of Insurance
Task Number

Task Title. Select task title from titles provided below. If your proposed task title is not available, leave the field as -None-, and enter additional task title in the "Title Other" field.

- Pre-design or feasibility study
- Data collection or study
- Stakeholder coordination and planning
- Design and permitting or pre-construction activities
- Project management
- Bidding and contractor selection (required to be included prior to construction of project includes construction)
- Construction
- Permit-required monitoring
- Public education
- Equipment purchase
- Land acquisition
- Site cleanup
- None- Title Other:

Work performed by:

- Grantee only
- Contractor only
- Grantee and contractor

Task Description: include a brief description of the work to be completed with the individual task.

Goal: Provide a brief description of the goal of the individual task.

Time to completion

Select deliverables associated with the task. If the expected deliverable is not part of the pick list options provided below (can select all that apply to an individual task) enter into "other deliverable" field.

- Final pre-design documents, feasibility study, or comparable certificate of completion, signed by a Florida-registered Professional Engineer. If applicable, the Sea Level Impact Projection study report.
- Final report or study to include the process and methodology and any data gaps.
- A summary report from each workshop or meeting, including attendee feedback and outcomes and a copy of all materials created at each workshop or meeting.
- Final design documents signed by a Florida-registered Professional Engineer. If applicable, final permit documents from all appropriate state and federal regulatory agencies.
- Project management reports signed by the Florida-registered Professional Engineer, to include a summary of project and site inspection(s), meeting minutes and field notes, as applicable.
- Public notice of advertisement for the bid, complete bid package and written notice of selected contractor(s).
- Final design and Certificate of Occupancy (if applicable) and Certificate of Completion signed by a Florida-registered Professional Engineer.
- Copy of completed monitoring data, surveys, and final reports for the permit-required work and documentation of submittal to the appropriate state or federal regulatory agencies.
- Copy of printed material for distribution, including text and graphics, link to website material developed and dated photograph(s) of installed materials at the project location, if applicable.
- Purchase order(s) and vendor invoice(s) for delivery, installation and other necessary costs, as applicable.
- Copies of all appraisals, the closing statement or all closing documents, title exam/insurance, property survey, boundary map and the deed, recorded easement or property interest.
- Dated color photographs of on-going work and a signed acceptance of the completed work to date, as provided in the Grantee's Certification of Payment Request.
- Other Deliverable: Include deliverables for the individual task if not included in the pre-filled deliverable pick list above.

Application Task Number

Expense budget category

Budget Amount

Match amount

Application Task Number

Position Title

Maximum Hours (rounded to the quarter hour.)

Maximum Hours Time Unit

Maximum Hourly Rate (This value should be based on actual salary dollars, rounded down to the nearest penny.)

Fringe Percent

Task Number

Task Title. Select task title from titles provided below. If your proposed task title is not available, leave the field as -None-, and enter additional task title in the "Title Other" field.

Work performed by:

-Grantee only

-Contractor only

-Grantee and contractor

Task Description: include a brief description of the work to be completed with the individual task.
Goal: Provide a brief description of the goal of the individual task.
Time to completion
Select deliverables associated with the task. If the expected deliverable is not part of the pick list options provided below (can select all that apply to an individual task) enter into "other deliverable" field.
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Application Task Number
Expense budget category
Budget Amount
Match amount
Application Task Number
Position Title
Maximum Hours (rounded to the quarter hour.)
Maximum Hours Time Unit
Maximum Hourly Rate (This value should be based on actual salary dollars, rounded down to the nearest penny.)
Fringe Percent

Before submitting, applicants must certify that:

1. This application is in all respects fair and submitted in good faith without collusion or fraud;
2. If selected through this application process, the recipient will work in good faith and in partnership with the Department of Environmental Protection to manage its subcontractors in a timely and accurate manner;
3. Any funds awarded as a result of this application process will not be used as match fund to apply for or receive other state funds without departmental review and approval;
4. The undersigned has full authority to bind the applicant.

Answer

Pinellas County Utilities

Natasha Dickrell

Tom Menke

County, municipality, or authorized special district addressing risks of flooding or sea level rise identified in a vulnerability assessment

County, municipality, or authorized special district addressing risks of flooding or sea level rise identified in a vulnerability assessment

Cultural or community resource
-Utilities Infrastructure

The Utilities Reliability Improvements Project (Project) will include retrofitting and new construction, as needed, for four critical facilities to prevent service disruption and provide protection from wind speeds up to 156 mph or greater. The project includes the hardening of the Logan Laboratory, the South Cross Bayou Water Reclamation Facility (SCBWRF) Education Center, the SCBWRF Dewatering Operations Facility and for the General Maintenance Operations Center for the Pinellas County Utilities. The Project includes Construction activities only.

The Project is located in Largo and St. Petersburg within Pinellas County, Florida.

No

No

Yes

60% or more but less than 80%



Narrative

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

The Utilities Reliability Improvements Project (Project) will include retrofitting and new construction, as needed, for four critical facilities to prevent service disruption and provide protection from wind speeds up to 156 mph or greater. The project includes the hardening of the Logan Laboratory, the South Cross Bayou Water Reclamation Facility (SCBWRF) Education Center, the SCBWRF Dewatering Operations Facility and for the General Maintenance Operations Center for the Pinellas County Utilities. The Project includes Construction activities only.

N/A

N/A

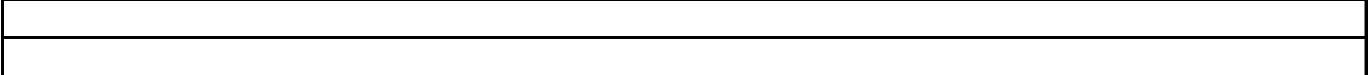
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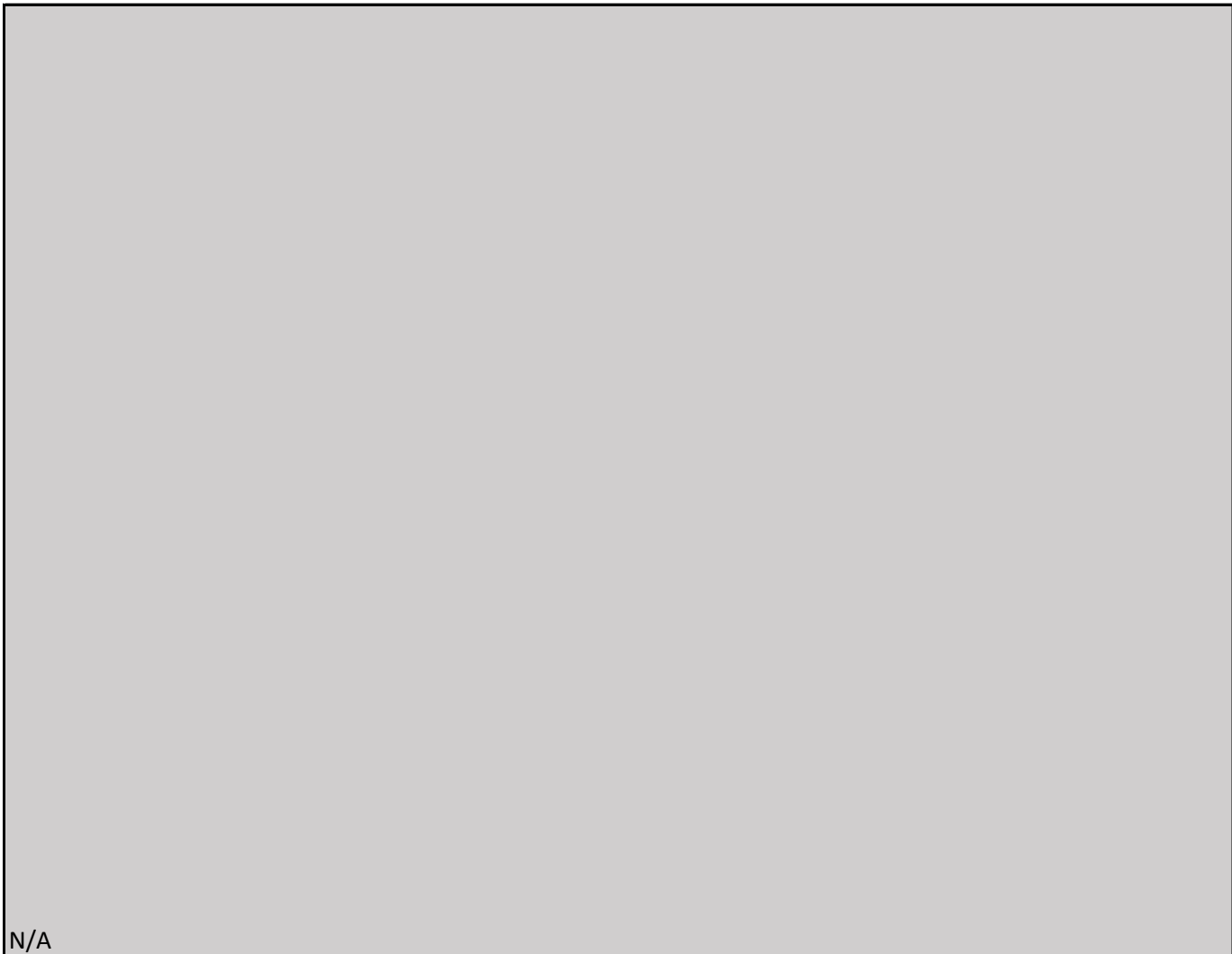
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