



**AGENDA
FERNANDINA BEACH CITY COMMISSION
WORKSHOP
AUGUST 3, 2021
5:00 PM
CITY HALL COMMISSION CHAMBERS
204 ASH STREET
FERNANDINA BEACH, FL 32034**

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. DISCUSSION**
 - 3.1 WATERFRONT PROPERTY PARCELS - SOUTH OF THE BOAT RAMP.** *This item is placed on the agenda at the request of Mayor Lednovich.*
 - 3.2 BUILDING PERMIT EXEMPTION - ACCESSORY STRUCTURES** - *This item is placed on the agenda at the request of Commissioner Bean.*
 - 3.3 RESILIENT FLORIDA GRANT PROGRAM** - *Florida Department of Environmental Protection (FDEP), Resilient Florida Grant Program; application Due August 31, 2021.*
- 4. ADJOURNMENT**

ANY PERSON WISHING TO APPEAL ANY DECISION MADE BY THE COMMISSION WITH RESPECT TO ANY MATTER CONSIDERED AT SUCH MEETING OR HEARING WILL NEED A RECORD OF THE PROCEEDINGS, AND, FOR SUCH PURPOSES, MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDINGS IS MADE, WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS MADE. AT THE DISCRETION OF THE MAYOR, A RECESS MAY BE SCHEDULED EVERY NINETY MINUTES.

Persons with disabilities requiring accommodations in order to participate should contact the City Clerk at (904) 310-3115 or TTY/TDD 711 (for the hearing or speech impaired).

OWNERS AFFIDAVIT OF AGREEMENT BUILDING PERMIT EXEMPTION

In accordance with the requirements of Nassau County Resolution 2015-85 and Chapter 1, Section 102.2.5 of the 7th Edition 2020 Florida Building Code requesting exemption from the permitting requirements of Nassau County, Florida for the construction of a porch, deck, patio or storage shed, I, (print name)

_____, as owner of a Single Family Residence or a Manufactured Residential Home located at: _____

(PIN# _____) agree and will comply with the following conditions, stipulations and requirements:

1. The Single-Family Residence or Manufactured Residential Home is my residence and is not rented or leased.
2. If I use the services of anyone other than myself to build or construct the porch, deck, patio or storage shed, I will hire a properly licensed contractor in accordance with Section 489.103 (7) of the Florida State Statutes.
3. The porch, deck, patio or storage shed shall not exceed two-hundred and fifty (250) square feet in area.
4. The porch, deck or patio shall be open or utilize only screening on a minimum of two (2) sides or walls.
5. The storage shed shall be a maximum of twelve (12) feet in height above grade and shall be attached to a three and one-half inch (3-1/2") thick concrete slab or be secured to the ground with auger type anchors as recommended by the manufacturer.
6. The porch, deck, patio or storage shed shall not be in violation of any adopted Zoning Regulation for the Zoning District that it is located within.
7. I understand that after review by the Building Official or Plans Examiner and if the referenced property is found to be in a mapped flood hazard area this exemption may or may not be used.
8. The porch, deck, patio or storage shed shall not be converted to habitable space without submittal of construction plans, which must be signed and sealed by a design professional, the application for, and obtaining of, a construction permit from the Nassau County Building Department, as well as payment of all associated fees.
9. I have not utilized this exemption within the past twelve (12) month period.
10. I will submit a site plan or legal survey indicating setbacks from other structures and property lines in sufficient detail for determination of compliance with all zoning requirements.
11. I will submit a fee of \$25.00 for zoning approval.
12. I, as the owner and resident of the above referenced property, assume any and all liability that may arise relating to the construction of this porch, deck, patio or storage shed.

I hereby agree and affirm to the conditions, stipulations and requirements listed in this document.

(Signature)

Date

State of Florida
County of Nassau

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____
(date) by _____ (name of person acknowledging) _____, who is personally known to me
or who has produced _____ (type of identification) _____ as identification.

Sworn to and subscribed before me this ____ day of _____.

Notary Signature

Printed Name

NASSAU COUNTY BUILDING DEPARTMENT
96161 Nassau Place
Yulee, Florida 32097

Building Permit Exemption Approval (For office use only)

(Revised 5/15/14)

Owner: _____

Residential Home Address: _____

P.I.N. #: _____

Zone: _____ **Lot size:** _____ sq. ft.

Current Flood Zone: _____

Sq. ft. of Existing Coverage: _____

Sq. ft. of Proposed Increase: _____

Existing % of Coverage: _____

Proposed % of Coverage: _____

Allowable % of Coverage: _____

Has applicant provided Proof of Ownership? YES NO

Is porch/deck/patio/shed within Allowable % of Coverage for zone? YES NO

Is porch/deck/patio/shed within Allowable Sq. Footage for Exemption? YES NO

Has the owner submitted the required affidavit? YES NO

APPROVED: _____

DENIED: _____

Zoning Tech (Print Name)

Zoning Tech Signature

Date

102.2.4 This section does not apply to the jurisdiction and authority of the Department of Agriculture and Consumer Services to inspect amusement rides or the Department of Financial Services to inspect state-owned buildings and boilers.



102.2.5 Each enforcement district shall be governed by a board, the composition of which shall be determined by the affected localities.

1. At its own option, each enforcement district or local enforcement agency may adopt rules granting to the owner of a single-family residence one or more exemptions from the *Florida Building Code* relating to:
 - a. Addition, alteration, or repairs performed by the property owner upon his or her own property, provided any addition or alteration shall not exceed 1,000 square feet (93 m²) or the square footage of the primary structure, whichever is less.
 - b. Addition, alteration, or repairs by a nonowner within a specific cost limitation set by rule, provided the total cost shall not exceed \$5,000 within any 12-month period.
 - c. Building and inspection fees.
2. However, the exemptions under subparagraph 1 do not apply to single-family residences that are located in mapped flood hazard areas, as defined in the code, unless the enforcement district or local enforcement agency has determined that the work, which is otherwise exempt, does not constitute a substantial improvement, including the repair of substantial damage, of such single-family residences.
3. Each code exemption, as defined in sub-subparagraphs 1a, 1b, and 1c shall be certified to the local board 10 days prior to implementation and shall only be effective in the territorial jurisdiction of the enforcement district or local enforcement agency implementing it.

102.2.6 This section does not apply to swings and other playground equipment accessory to a one- or two-family dwelling.

Exception: Electrical service to such playground equipment shall be in accordance with Chapter 27 of this code.

[A] 102.3 Application of references. References to chapter or section numbers, or to provisions not specifically identified by number, shall be construed to refer to such chapter, section or provision of this code.

[A] 102.4 Referenced codes and standards. The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections 102.4.1 and 102.4.2.

[A] 102.4.1 Conflicts. Where conflicts occur between provisions of this code and referenced codes and standards, the provisions of this code shall apply.

[A] 102.4.2 Provisions in referenced codes and standards. Where the extent of the reference to a referenced code or standard includes subject matter that is within the scope of this code or the Florida Codes listed in Section 101.4, the provisions of this code or the Florida Codes listed in Section 101.4, as applicable, shall take precedence over the provisions in the referenced code or standard.

[A] 102.5 Partial invalidity. Reserved.

[A] 102.6 Existing structures. The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as otherwise specifically provided in this code, the *Florida Building Code*, *Existing Building* or the *Florida Fire Prevention Code*.

[A] 102.6.1 Buildings not previously occupied. A building or portion of a building that has not been previously occupied or used for its intended purpose in accordance with the laws in existence at the time of its completion shall comply with the provisions of the *Florida Building Code*, *Building* or *Florida Building Code, Residential*, as applicable, for new construction or with any current permit for such occupancy.

[A] 102.6.2 Buildings previously occupied. The legal occupancy of any building existing on the date of adoption of this code shall be permitted to continue without change, except as otherwise specifically provided in this code, the *Florida Fire Prevention Code* or as is deemed necessary by the *building official* for the general safety and welfare of the occupants and the public.

102.7 Relocation of manufactured buildings.

- (1) Relocation of an existing manufactured building does not constitute an alteration.
- (2) A relocated building shall comply with wind speed requirements of the new location, using the appropriate wind speed map. If the existing building was manufactured in compliance with the Standard Building Code (prior to March 1, 2002), the wind speed map of the Standard Building Code shall be applicable. If the existing building was manufactured in compliance with the *Florida Building Code* (after March 1, 2002), the wind speed map of the *Florida Building Code* shall be applicable.
- (3) A relocated building shall comply with the flood hazard area requirements of the new location, if applicable.

102.8 Existing mechanical equipment. An agency or local government may not require that existing mechanical equipment located on or above the surface of a roof be installed in compliance with the requirements of the *Florida Building Code* except during reroofing when the equipment is being replaced or moved and is not in compliance with the provisions of the *Florida Building Code* relating to roof-mounted mechanical units.

RESOLUTION NO. 2015-85

A RESOLUTION ACCEPTING THE NASSAU COUNTY BUILDING OFFICIAL'S CERTIFIED BUILDING CODE EXEMPTIONS AS SUBMITTED TO THE NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

WHEREAS, the Florida Building Code 5th Edition (2014)(FBC) will take effect on June 30, 2015;
and

WHEREAS, pursuant to Section 102.2.5, of the Florida Building Code, the local building official, certifies to the local board, code exemptions as defined in Section 102.2.5 1(a) and 1(b); and

WHEREAS, the Nassau County Building Official has certified to the Nassau County Board of County Commissioners building permit exemptions set forth herein.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Nassau County, Florida that:

SECTION 1:

Based on the certification of the Nassau County Building Official, the following permit exemptions shall apply for additions, alterations or repairs by owners of single family residences, and for non-owners of single family residences whose additions, alterations or repairs do not exceed \$5,000 within a twelve (12) month period, and which additions, alterations or repairs do not constitute a substantial improvement by an owner or non-owner of a single family residence within a mapped flood zone:

1. A one-time exemption within a twelve (12) month period for porches, patios, decks, or storage sheds containing no more than 250 square feet, located at an owner occupied single family residence or mobile home.
2. Fences not exceeding 6 feet in height.
3. Retaining walls that are not over 4 feet in height measured from the bottom of the footing to the top of the wall, unless: 1) supporting a surcharge, or 2) within a distance from the property line that is less than the exposed height of the front of the wall.

4. Raised decks, platforms, ramps, sidewalks and driveways not more than 30 inches above adjacent grade, and not over any story below and is not part of an accessible route.
5. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
6. Prefabricated swimming pools that are less than 24 inches deep.
7. Shade cloth structures for nursery or agricultural purposes.
8. Swings, slides, carousels and other playground equipment.
9. Mechanical Inspection Exemption for Single Family Residences:
 - a. Inspections for additions, alterations or repairs of mechanical equipment where the property owner submits a notarized statement that holds Nassau County harmless from any adverse consequences resulting from the work and agrees not to initiate, execute, or enjoin any legal action against Nassau County for such consequences.

SECTION 2:

The Building Official's certification was submitted ten (10) days prior to implementation.

SECTION 3:

The implementation of this Resolution shall take effect as of June 26, 2015.

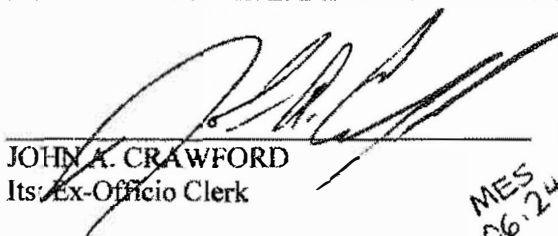
DULY ADOPTED this 22nd day of June, 2015

BOARD OF COUNTY COMMISSIONERS
NASSAU COUNTY, FLORIDA



PAT EDWARDS
Its: Chairman

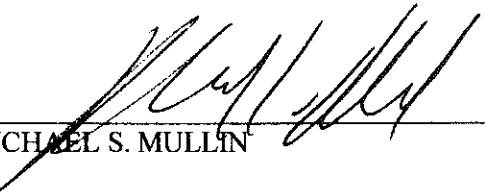
ATTEST AS TO CHAIRMAN'S SIGNATURE:



JOHN A. CRAWFORD
Its: Ex-Officio Clerk

MES
06-24-15

APPROVED AS TO FORM BY THE
NASSAU COUNTY ATTORNEY:


MICHAEL S. MULLIN

2020 Florida Building Code
7th Edition
Chapter 1, Section 102.2.5

Each enforcement district shall be governed by a board, the composition of which shall be determined by the affected localities.

At its own option, each enforcement district or local enforcement agency may adopt rules granting to the owner of a single-family residence one or more exemptions from the Florida Building Code relating to:

Addition, alteration, or repairs performed by the property owner upon his or her own property, provided any addition or alteration shall not exceed 1,000 square feet (93 m²) or the square footage of the primary structure, whichever is less.

Addition, alteration, or repairs by a nonowner within a specific cost limitation set by rule, provided the total cost shall not exceed \$5,000 within any 12-month period.

Building and inspection fees.

However, the exemptions under subparagraph 1 do not apply to single-family residences that are located in mapped flood hazard areas, as defined in the code, unless the enforcement district or local enforcement agency has determined that the work, which is otherwise exempt, does not constitute a substantial improvement, including the repair of substantial damage, of such single-family residences.

Each code exemption, as defined in sub-subparagraphs 1a, 1b, and 1c shall be certified to the local board 10 days prior to implementation and shall only be effective in the territorial jurisdiction of the enforcement district or local enforcement agency implementing it.

CITY COMMISSION AGENDA ITEM

City of Fernandina Beach



SUBJECT: Discussion
Grant and Project Options - Florida Department of Environmental Protection (FDEP),
Resilient Florida Grant Program.

ITEM TYPE: Discussion

REQUESTED ACTION:

SYNOPSIS: Consider a Resilient Florida Grant Program application to the Florida Department of Environmental Protection (FDEP). In FY 2021-2022, the Resilient Florida Grant Programs will direct \$20 million toward Planning Grants that address Peril of Flood compliance, vulnerability assessments, or adaption/resilience plans. Additionally, the Resilient Florida Grant Program will direct \$500 million from American Rescue Plan Act funds to projects that adapt critical assets. Critical assets are defined as: **1) Transportation assets and evacuation routes** (Airports, bridges, bus terminals, ports, major roadways, marinas, rail facilities, railroad bridges); **2) Critical infrastructure** (Wastewater treatment facilities & lift stations, stormwater treatment facilities & pump stations, drinking water facilities, water utility conveyance systems, electric production & supply facilities, solid & hazardous waste facilities, military installations, communications facilities, disaster debris management sites); **3) Critical community and emergency facilities** (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, state government facilities); and **4) Natural, cultural, and historical resources** (Conservation lands, parks, shorelines, surface waters, wetlands, historical and cultural assets).

Last year, City staff compiled a list of potential RIG grant opportunities for the City Commission.

FISCAL IMPACT: If pursued, grant application would require a 50% match.

CITY ATTORNEY COMMENTS: N/A

CITY MANAGER RECOMMENDATION(S): N/A

Monica Benischeck, Administrative Services Manager 7/23/2021

Caroline Best, City Clerk

Dale L. Martin, City Manager

Lorelei Jacobs

Date: July 15, 2021

Submitted By: Lorelei Jacobs, Grants Administrator

COMMISSION ACTION:



Resilient Florida

Section 380.093, F.S.



Housekeeping

Thank you for coming today!

- Please introduce yourself in the chat: Name and organization
- This webinar will be recorded; we'll send a follow-up email with a link ASAP.
- The presentation is available as a PDF attached in the meeting info.
- Write your questions in the chat. We will be answering questions from the chat.
- If you have any other questions after the webinar, contact

Resilience@FloridaDEP.gov



Resilient Florida

- 5 major sections
 - “Resilient Florida Grant Program” Planning + Critical Asset Adaptation Grants (s. 380.093 (1)(3), F.S.)
 - Comprehensive Statewide Flood Vulnerability Data Set and Assessment (s. 380.093 (1)(4), F.S.)
 - Statewide Flooding and Sea Level Rise Resilience Plan (s. 380.093 (1)(5), F.S.)
 - Regional Resilience Entities (s. 380.093 (1)(6), F.S.)
 - Florida Flood Hub (s. 380.093 (2), F.S.)



Resilient Florida Grant Program

- Focused on planning
 - Comp plan amendments, especially compliance with the Peril of Flood statute
 - Vulnerability assessments
 - Adaptation/resilience plans
 - Projects to adapt critical assets

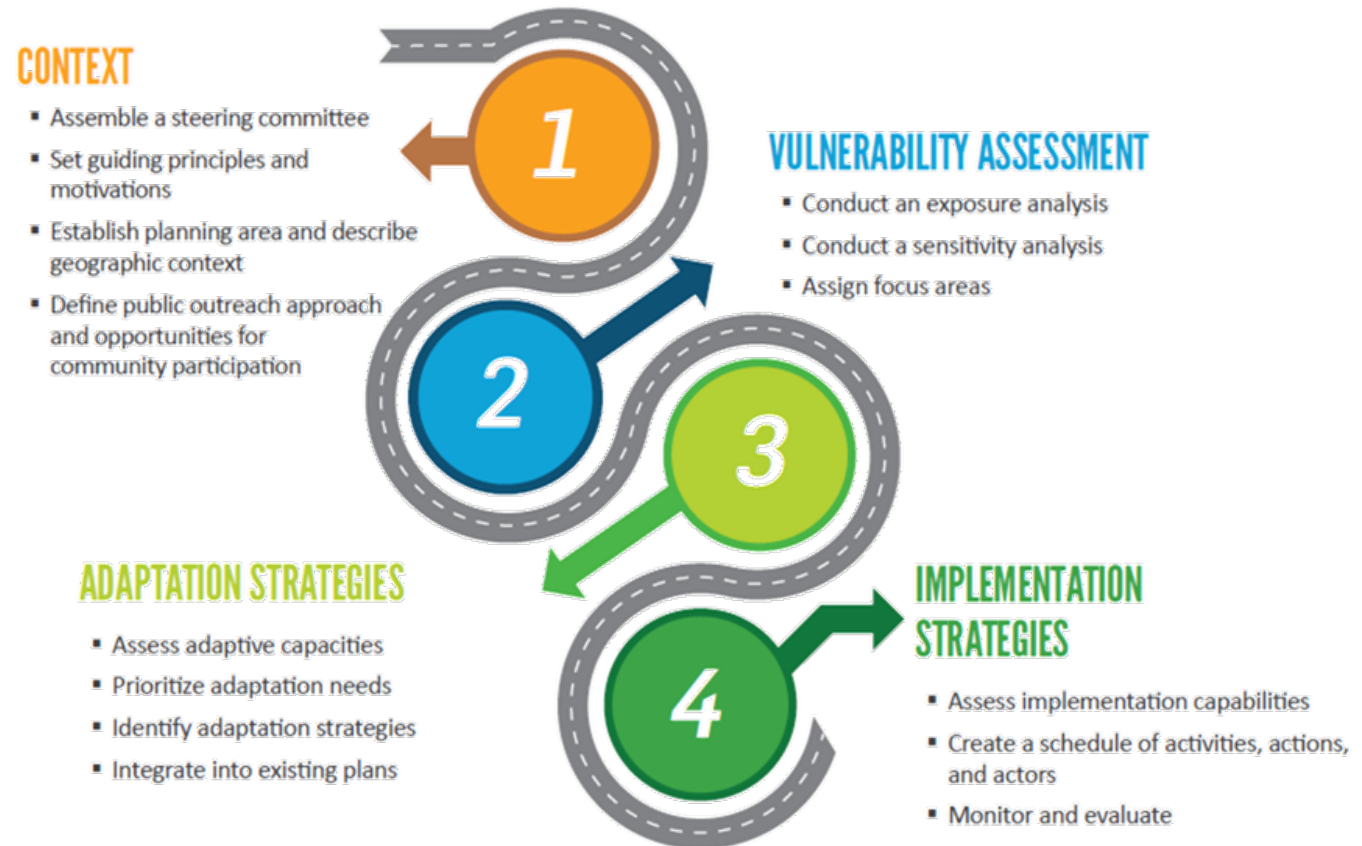


Figure 1. Communities can follow this roadmap of steps to create an adaptation plan.



Resilient Florida Grant Program

Consistent vulnerability assessments

- Will comprise the Statewide Vulnerability Assessment and be the basis for the Statewide Resilience Plan
- Encompass entire city or county and all critical assets
- Use most recent publicly available DEM and generally accepted analysis and modeling
- Address Peril of Flood compliance (if applicable)
- Assess flooding using, at least, Intermediate Low and Intermediate High scenarios from NOAA 2017 for at least 2040 and 2070
 - Tidal flooding, including future high tide flooding
 - Current and future storm surge flooding
 - Rain-fall induced flooding to the extent practicable
 - Compound flooding



Resilient Florida Grant Program

Project types and funding

1. Peril of Flood compliance
2. Vulnerability assessments
3. Adaptation/resilience plans
4. Projects to adapt critical assets

- “Planning grants”
- \$20,000,000 from Gov and legislature
- No cost share required
- Reviewed and ranked by staff

- “Implementation/adaptation grants”
- \$500,000,000 from American Rescue Plan Act
- Tier system from Section 5 will be used to prioritize



Resilient Florida Grant Program

Projects to adapt critical assets

Critical Assets (s. 380.093 (1)(2) Definitions)

1. Transportation assets and evacuation routes

- Airports, bridges, bus terminals, ports, major roadways, marinas, rail facilities, railroad bridges

2. Critical infrastructure

- Wastewater treatment facilities & lift stations, stormwater treatment facilities & pump stations, drinking water facilities, water utility conveyance systems, electric production & supply facilities, solid & hazardous waste facilities, military installations, communications facilities, disaster debris management sites

3. Critical community and emergency facilities

- 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, state government facilities

4. Natural, cultural, and historical resources

- Conservation lands, parks, shorelines, surface waters, wetlands, historical and cultural assets



Statewide Flooding & Sea Level Rise Resilience Plan

- 3-year rolling plan of projects taken from vulnerability assessments
- Year 1 Preliminary Plan uses already completed local vulnerability assessments that comply with the requirements in s. 380.093 (3), F.S.
- Year 2 will update the Year 1 plan
- Year 3 and following will use projects identified in the Statewide Vulnerability Assessment
- Counties and municipalities, regional resilience entities (on behalf of a member), WMDs and flood control districts may submit projects to DEP starting 9/1/21.



Statewide Flooding and Sea Level Rise Resilience Plan

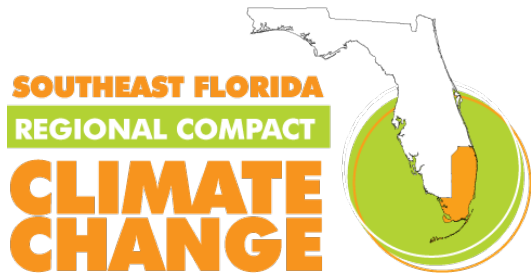
Cont'd.

- Minimum 50% cost share unless the applicant is a “financially disadvantaged small community” as defined in the statute
- Projects must be identified in a vulnerability assessment that complies with the requirements in s. 380.093 (3), F.S.
- The tier system in the statute will be used to prioritize all projects
- Ranked projects will be submitted to the legislature for funding in FY 22-23



Regional Resilience Entities

- Funding for regional resilience entities to assist communities and coordinate intergovernmental solutions
 - Technical assistance
 - Coordinate multijurisdictional vulnerability assessments
 - Develop project proposals to go into the Resilience Plan





Florida Flood Hub

- Designates the College of Marine Science at USF to serve as the lead institution to engage other academic and research institutions, private partners, and financial sponsors to coordinate efforts to support applied research and innovation to address the flooding and sea level rise challenges of the state.



	Resilient Florida Grant Program		Comprehensive Statewide Flood Vulnerability Data Set and Assessment		Statewide Flooding and Sea Level Rise Resilience Plan	Regional Resilience Entities	Florida Flood Hub
	<i>Planning Grants</i>	<i>Resilience Projects</i>	<i>Data Set</i>	<i>Assessment</i>			
Activities	Provides funding for comprehensive plan amendments, Peril of Flood, vulnerability assessments, adaptation plans, and projects to adapt critical assets to the effects of flooding and sea level rise. Provides a methodology for completing vulnerability assessments.	“The nonrecurring sum of \$500,000,000 from the Resilient Florida Trust Fund is appropriated in Fixed Capital Outlay for the Resilient Florida Grant Program authorized in Senate Bill 1954.”	Provides for the collection and aggregation of data from vulnerability assessments that are existing , those completed from grant program, and to fill any gaps.	This section provides for the incorporation of the data collected for the data set and other analyses into a statewide sea level rise vulnerability assessment.	Statewide Flooding and Sea Level Rise Resilience Plan will be developed and submitted to the Governor and Legislature. The Plan will work on a 3-year rolling planning horizon and will consist of ranked projects that address the risks of flooding and sea level rise identified in the Statewide Flood and Sea Level Rise Vulnerability Assessment.	Provides funding to regional entities that are established by local governments to provide technical assistance on multijurisdictional projects.	Provides for the establishment of the Florida Flood Hub at USF's College of Marine Science. The Flood Hub will serve as the lead institution and will engage other institutions and partners to coordinate research and innovation around the flooding and sea level rise challenges facing the state.
Deadlines	Application portal opens: July 1, 2021. Applications due September 1, 2021		Data Set due July 1, 2022.	Assessment due July 1, 2023.	Application portal opens: July 1, 2021. Applications Due September 1, 2021. Plan due to EOG/Legislature December 1, 2021. Starting December 1, 2023, the Resilience Plan will be based on the Statewide Assessment.	Application portal Opens: July 1, 2021. Applications due September 1, 2021	Annual Report due July 1, 2022.
Annual Funding							
FY 21-22	\$20,000,000	\$500,000,000	\$4,000,000			\$2,000,000	
FY 22-23 (anticipated)	?	?	?		Up to \$100,000,000	?	



Application Process

- Visit the Project Portal to add your project proposal by September 1, 2021.
 - <https://protectingfloridatogether.gov/state-action/grants-submissions>
- Portal proposals will be screened for submission to one of the 3 Resilient Florida grant types: planning, implementation/adaptation, regional resilience entity
- Applicants will be directed to flesh out the details of their project in a specific online form.
- Online forms will be reviewed according to statutory guidelines and prioritized.
- Projects for the Statewide Flooding and Sea Level Rise Resilience Plan will be ranked and submitted to the Legislature by December 1, 2021.



Thank you!

**Contact Whitney Gray at 850-245-2098
or Whitney.Gray@FloridaDEP.gov**



RESILIENT FLORIDA

CALL FOR PROJECT PROPOSAL WORKSHEET

The Florida Department of Environmental Protection is seeking project proposals for use of FY 21-22 Water Protection Funds to be distributed as grants to governmental entities for the Resilient Florida Grant Program. Please submit your project proposal using this portal. DEP will accept and review proposals through August 31, 2021, for viable grant projects awards. Additional information may be required, as necessary, pursuant to the criteria in s. 380.093, F.S. You will receive notice on how to submit further information, if this next step is deemed necessary by the Department.

Project Details

Entity/Sponsor Name:
Project Title:
Short Project Description: <i>Please provide a concise summary of the work to be done, including why the project is necessary.</i>
Project Outcomes: <i>Please provide a list of outcomes that will result from this project.</i>

Has a Vulnerability Assessment been performed for this area previously?

Vulnerability Assessments identify or address risks of flooding and sea level rise. It consists of measuring the impact of sea level rise and identifying the people, infrastructure, and land use that may be affected.

Yes

No

If yes, please provide details on the Vulnerability Assessment performed and how this project was identified as a result.

Project Type

Comprehensive Plan amendments and necessary analyses for complying with “Peril of Flood” statute (Sec. 163.3178(2)(f) F.S.) for communities with a Coastal Management Element in their comprehensive plan.

If yes, please provide a short description of what steps your county/municipality has taken thus far towards compliance with the Peril of Flood Statute (Sec. 163.3178(2)(f) F.S.):

Vulnerability assessments, other than that necessary for compliance with Peril of Flood, that identify or address risks of flooding and sea level rise.

If yes, what area of the county/municipality will the Vulnerability Assessment cover?

Vulnerability assessment will encompass entire county/municipality

Vulnerability assessment will cover portions of the county/municipality

Development of adaptation/resilience plans, projects, and policies that allow for preparation for threats from flooding and sea level rise.

If yes, please provide a brief description of previously completed or ongoing Vulnerability Assessments, plans, and policies, and how the proposed project will build on those.

Projects to adapt critical assets to the effects of flooding and sea level rise.

If yes, please provide a short description of how the project will facilitate adaptation to flooding and sea level rise and what critical assets that will include:

Projects that mitigate the risks of flooding or sea level rise.

If yes, please provide a short description of how the project will address the risks posed by flooding and/or sea level rise.

Contact Information

Name:	Street Address:	
City:	State:	Zip:
Phone:	Email:	

Funding Requests

Project Type: New Project New Phase <i>If new phase, please provide the existing project name, funding amount (grant and match, if applicable), and DEP agreement number(s).</i>	
Anticipated Grant Funds Needed:	Source of Match Funds:
Local Funds and/or Match Commitment:	Total Project Cost:
Multi-Year Funding Breakdown: <i>If the project is expected to be completed in phases over more than one [1] year, please describe annual grant funds needed for each year and the phase with which those funds would be associated.</i>	
Cost Effectiveness: <i>Please describe how this project accomplishes its benefits in a way that achieves benefits in an affordable, efficient, and effective manner.</i>	

Proposed Project Readiness to Proceed

Proposed Start Date: <i>For construction projects, list proposed construction start and end dates.</i>			Proposed End Date:		
Is this project already permitted? Yes No N/A			Is this project already designed? Yes No N/A		
Please list the plans and resources in place to make this project a success. <i>Identify the parties responsible for operating and maintaining the proposed project, and affirmatively state whether there is a legal or other commitment to do so.</i>					

Additional Information

Will the project provide benefit to, or be located within, a state-designated financially disadvantaged community? <i>This may impact eligibility. Please consider carefully and check all that apply. For additional information please see section 288.0656, F.S., section 218.67(1), F. S., the rural area of opportunity map, and the fiscally constrained county map.</i>	
Yes, a rural area of opportunity pursuant to 288.0656, F.S. Yes, a fiscally constrained county, pursuant to 218.67(1), F. S. Yes, another designation by state No or Not Applicable	
Is there a public outreach component to the project? Yes No	
Enter the County or Counties in which the project is located.	

Project Category:

Please select this project's purpose and impact among the following categories, with 1 being the primary purpose. You may select up to 3 categories as applicable.

- | | |
|----------------------|---|
| 1. Primary Purpose | ☐ Coral Reef Protection, Response, or Restoration |
| 2. Secondary Purpose | ☐ Elevation of public structures |
| 3. Tertiary Purpose | ☐ Flood control works |
| | ☐ Implementation of an Adaptation Plan |
| | ☐ Natural and Nature-Based Features for Erosion/Flood Control (NNBF) |
| | ☐ Outreach and Education |
| | ☐ Peril of Flood |
| | ☐ Resiliency Implementation |
| | ☐ Resiliency Planning |
| | ☐ Restoration Planning |
| | ☐ Vulnerability Assessment |
| | ☐ Adaptation Plan |
| | ☐ Conservation |
| | ☐ Other |

How to Submit

Please visit the Resilient Florida portal at
<https://protectingfloridatogether.gov/state-action/resilient-grant/form>
to submit your proposal.

Surging Seas RISK ZONE MAP



3 ft
m

Show current coast

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Last Year's (FY 2020-2021) Florida Resilient Coastlines Program, Resilience Implementation Grant (RIG) Project Options

Project options developed in FY 2020-21 for a potential RIG grant application:

I. Section 2 - Amelia Riverfront Resiliency Study

The recently completed Amelia Riverfront Resiliency Study provides a conceptual plan and budget for flood protection along the project area. Section 2 consists of parking lots C & D, and has been previously discussed as a potential starting point for waterfront improvements. The current cost estimate for this section is \$6.328M based on information from Passero & Associates, and consists of living shoreline, and flood walls supported by pilings.

1. Features Nature Based options
2. Does not include elevation of public structures
3. Project is outlined in both Fernandina Beach Resiliency Master Plan and Amelia Riverfront Resiliency Study.

II. Escambia St Flood Protection

Proposal to install flood gates in place of the existing culvert crossing Escambia Street as it crosses the marsh between North 4th St and North 8th St. The elevation of the roadway is currently between 3.5 and 4.0 based on available information, and the addition of tide gates like those on Atlantic Ave would help reduce flooding in the low-lying area to the south. Elevating the roadway or installation of some other flood barrier would further increase the level of protection. Approximately 58 acres of area in the floodplain could be protected by this project, including several developed properties as well as North 8th Street between Alachua St and Escambia. Project scope is preliminary, but an initial budget estimate would be \$3-400,000.

1. Can feature nature based options
2. Does not include elevation of public structures
3. Project is not included in any current resiliency or adaptation plans

III. Two Beach Access Project Options

- A.) As provided to Grants Administration, below is a list of current walk-through beach access with the distances from the west entry to the beach east of the fore dunes. Elimination of the gaps in the fore-dunes created by these walk-through accesses is a goal supported by the USACE, along with almost all scientific data. All, or most, of the below walk-through accesses would have been

replaced with walkovers as outlined within the City's 2020 Legislative request which was vetoed as a result of the COVID 19 budget crisis. Note that the non-vetoed Legislative Request would have been matched with impact fees, but that the FDEP Resiliency Implementation Grant (RIG) does not have a matching fund requirement.

Walkover/distance in feet from entry to beach. Total distance in feet for all listed is 1,837 lineal feet.

4N / 105	10S / 157
6N / 112	11 / 143
1 / 135	14 / 163
2 / 210	15 / 181
6 / 92	16 / 184
8 / 104	21 / 251

Vice-Mayor Kreger uses a rough estimate of \$660 lineal foot for a 6 foot wide walkover using composite material for the decking. This include 10% for Engineer and 10% contingency. But the distances do not include ramping which will be based elevations and increase costs accordingly. However, using the \$660 cost per each of the 1,847 lineal feet of all the walk-throughs listed above comes to \$1,213, 420.

Prioritization for improvements could be place on the Beach Accesses listed above to make the improvements to the shortest distance walk-throughs first, as these walk-throughs present the greatest risk to life and property from storm surge, given their closer proximity to residences and businesses. Within the \$500,000 budget of the RIG grant, it may be possible, then to complete improvements at Beach Accesses 4N, 6N, 1, 6, 8 and 11.

B.) Alternatively, consider Sadler Beach Access 30. This access has been identified by the City's Parks and Recreation Department as a priority. Access 30 is 340-foot access with the first 237 feet a walkover and then 103 feet through the dune (See photos below). As you can note there is a significant gap for dune. If Beach Access 30 is repairable, an extension of a walkover to the beach would be an excellent ADA beach access as there is a small parking lot at the entrance. Note too that this access is representative of all but one of those which are south of the Sadler Access, with significant gapping from the end of the walkover to the beach.

Vice-Mayor Kreger recommends making Beach Access 30 a priority along with upgrading both Seaside and North Beach Park ADA accesses to be usable.



IV. Atlantic Avenue Flood Protection

Proposal to increase the level of flood protection along Atlantic Avenue as it crosses Egan's Creek. The flood gates installed by FDOT prevent significant flooding due to storm surge and high tide, but currently the roadway elevation is the limiting factor. Once flooding overtops the roadway, the low-lying areas to the south become vulnerable. Elevation of the entire roadway is likely cost prohibitive, so a concrete floodwall along the north side of the right of way should be a viable option to increase the flood elevation +/- 3', from 5.5-6' to 8.5-9'. This is an FDOT roadway, so a coordinated approach to funding will be needed. The Stormwater Director has had initial conversations with FDOT, but the level of coordination required will be difficult to achieve for this funding opportunity. The project could potentially impact a 660 acre area in the floodplain south of Atlantic Ave, which includes many developed properties.

1. Can feature nature based options
2. Does not include elevation of public structures
3. Project is not included in any current resiliency or adaptation plans

V. Bosque Bello Cemetery Stabilization

This project would stabilize slopes along the Northwest of the old section of the Bosque Bello Cemetery where erosion and washout have de-stabilized and obscured graves. Techniques would include installation of tiered or terraced retaining walls and stabilized flow paths for runoff. Project would stabilize approximately 400 lineal feet of existing slope, with a preliminary budget of \$60-100,000.

1. Can feature nature based options
2. Does not include elevation of public structures
3. Project is not included in any current resiliency or adaptation plans

