

FY 2020-2021 GRANT APPLICATION

Application documents are not to exceed 12 pages, including all supplemental and required documents.
MUST USE THIS APPLICATION FORM

I. TITLE PAGE

1. **PROJECT TITLE:** Alligator Point Coastal Resilience Study: Vulnerability Assessment and Alternatives Analysis

(Limited to 100 characters)

2. **GRANTEE Contact Information:**

Organization Name: Franklin County Board of County Commissioners

Name of Authorized Signer: Noah Lockley, Jr.

Title: Chairman

Address: 33 Market St. Suite 203

City: Apalachicola

Zip Code: 32320

Area Code and Telephone Number: 850-653-9783, ext 100

E-mail Address: noah@franklincountyflorida.com

3. **GRANT MANAGER Contact Information:**

Organization Name: Franklin County Board of County Commissioners

Name: Michael Moron

Title: County Coordinator

Address: 33 Frobes St. Suite 1

City: Apalachicola

Zip Code: 32320

Area Code and Telephone Number: 850-653-5373

E-mail Address: Michael@franklincountyflorida.com

4. **FISCAL AGENT Contact Information:**

Organization Name: Franklin County Board of County Commissioners

Name: Erin Griffith

Title: Finance Officer

Address: 33 Market St., Suite 203

City: Apalachicola

Zip Code: 32320

Area Code and Telephone Number: 850-653-8861, ext 172

E-mail Address: egriffith@franklinclerk.com

5. FEID No. (a.k.a. Tax ID#): 59-6000-612

MFMP Contact Name listed under if more than one listing for the FEID No.: _____

(Must be filed and match with MFMP Organization Name & Address website, please refer to instructions.)

6. WORK PERFORMED BY: (Select only one)

- Grantee ONLY
- Subcontractor ONLY
- BOTH the Grantee & Sub-Contractor
- To Be Determined

7. SUBCONTRACTORS CONTACT INFORMATION: (If applicable & known)

Comment [CR1]: Just needs to be ARPC

Organization Name: Apalachee Regional Planning Council

Name: Josh Adams

Title: Planner

Address: 2507 Callaway Road Suite 200

City: Tallahassee

Zip Code: 32303

Area Code and Telephone Number: (850)488-6211

E-mail Address: jadams@thearpc.com

8. PROJECT LOCATION:

A. List of County(ies): Franklin County

B. List of City(ies)/Town(s)/Village(s): Alligator Point

C. State Lands Lease Agreement Number(s): N/A

Provide lease agreement number(s) for any work that will be performed on State Lands.
If work will not be on any state lands, please indicate N/A.

Remainder of this page intentionally left blank.

II. WORK PLAN

9. **PROJECT SUMMARY:** *(Limited to 100 words.)* Franklin County proposes to conduct a coastal resilience study that will identify and recommend alternatives to mitigate against sea level rise, erosion, and flooding in order to reduce associated impacts to residents, infrastructure, and natural habitat of Alligator Point, Florida, particularly in the areas where Alligator Point Road has been damaged by recent storms.

10. PROJECT DESCRIPTION:

The proposed project consists of a vulnerability study and resilient alternatives analysis to establish informed, viable strategies to address recurring damage to Alligator Drive, as a result of storm activity and sea-level rise (SLR).

As outlined in the attached budget, we are proposing to utilize an award of \$59,920. \$36,323 will be from FDEP and \$23,597 from NGMSSC.

Steps involved will include evaluating shoreline dynamics; alternative development and evaluation; and regulatory, policy, community, and resource partner input.

This study will help leverage and open available state and federal funding by providing the groundwork for an evidence-based assessment and alternatives analysis. As part of the post-Hurricane Michael long-term Integrated Recovery Coordination (IRC) effort between FEMA and other federal agencies, the Florida Division of Emergency Management (FDEM) may also providing staff and technical support to the community, as well as assistance in identifying and pursuing funding opportunities. To date, members of FEMA, USDA, USDOJ, USACE, HUD, EPA, FDEM and other agencies have come together in a collaborative effort to enact a long-term resilience strategy for Alligator Point.

11. PROJECT NEED AND BENEFIT:

A. Explain the demonstrated need, which the project addresses.

The Alligator Point community has endured repetitive flooding, erosion, storm surge and other impacts caused or exacerbated by sea-level rise (SLR) for several decades. As a result, this community of more than 400 homes continues to experience annual population retreat and outmigration, damage to critical infrastructure, property, and natural habitat; threats to coastal water supply; and overall risk to human health and safety.

The entirety of Alligator Point is located within the Special Flood Hazard Area, in flood zones VE and AE. As a barrier island along the Gulf of Mexico, the peninsula sits primarily at a low elevation ranging from 1 to 3 feet. The area is comprised of estuarine and marine wetlands in addition to freshwater forested and shrub wetlands. The Alligator Point beach coastline has a 1.1-mile segment designated as critically eroded by the Florida Department of Environmental Protection (FDEP) on the east end of Alligator Point between the Southwest Cape and Lighthouse Point on St. James Island. Much of the peninsula is located below the Coastal

Construction Control Line (CCCL) which has historically limited available options for coastal protection and mitigation.

Due to its vulnerable geographic location, as well as a lack of local-level resources, Alligator Point has faced challenges in enacting effective solutions. The unresolved issue has accounted for the loss of 30-35 homes due to erosion (according to local residents), more than \$10 million dollars in repairs dating back to 1985, and an estimated 1 to 3 feet reduction of shoreline due to SLR-induced flooding and erosion. Of the vulnerability/risk factors, one of the most disabling and persistent issues has been the severe and repetitive damage to Alligator Drive, the sole access and evacuation route for the community. The aggregate force of Hurricanes Hermine (2016) and Michael (2018) and associated flooding and storm surge destroyed several segments of the road and proximate houses, displacing many residents. In addition, the damaged Alligator Point Volunteer Fire Department, which serves as the only emergency facility for the area, has faced access issues preventing timely response due to the post-hurricane road conditions and related damage.

Without a long-term resilience plan substantiated by technical analysis and stakeholder input, Alligator Point remains increasingly vulnerable to SLR and its associated hazards.

- B. Explain how the proposed project meets the purpose of one or more of the Goals and Priorities for FRCP.** *(See documents on the website: <https://floridadep.gov/resilience> under Grants.)* This project meets Priority Number Three for FRCP. Franklin County proposes to conduct a vulnerability study and an alternatives analysis to determine future flood risks outside the minimum Peril of Flood Requirements, as well as, considering adaptation strategies to these risks.
- C. Discuss how the project is feasible and can be completed by the grant period deadline.** This project will maximize existing studies to the extent possible to expedite project completion within the limited timeframe. The full project scope will rely on partnership between FDEP, NGMSSC, and Franklin County to maximize resource sharing and expertise in order to protect the public and vulnerable community assets.
- D. Explain how this project is addressing social vulnerability or vulnerability of historic resources or stormwater management systems.** This project addresses social vulnerability by considering socioeconomic factors as part of the Vulnerability Analysis, which will be used to understand the populations, financial assets, ecosystem, and public infrastructure at risk. The study will also identify the presence of any special populations that may require additional consideration in an alternatives evaluation. This and other studies will assist with determining Alligator Point's geographic areas susceptible to flooding, storm surge, and sea-level rise. Among other variables, these determinations will also include review of critical community assets, such as the Water Management District and Volunteer Fire Department. The results will then assist Franklin County and Franklin County with determining social vulnerabilities, such as residents currently affected, residents/stakeholders that will be affected in the future, and community, historic, and ecosystem resources that will be affected.

12. DESCRIPTION OF PROJECT OUTCOMES: *Resulting from Project Outputs.* ___ [Each deliverable listed for a task are to be specific, measurable, quantifiable and tangible.]_

13. BUDGET SUMMARY: Complete the grant amount that is being requested to complete the project, within the grant dollar amount limitations as advertised.

FIXED PRICE	Grant Amount Requested
AGREEMENT TOTAL	\$36,323

A. Describe how the project costs was determined: The FDEP funding timeline will require 50%-60% of total project work to be completed by April 2020. The NGMSSC funding timeline will extend through October 2020, when the remainder of project work is to be completed. Project cost shares were determined between the partners, FDEP and NGMSSC.

B. Other Project Funding Sources:

OTHER PROJECT FUNDING SOURCES

Source Name <i>(only if applicable)</i>	Task 1	Task 2	Task 3	Task 4	TOTAL
NGMSSC	\$4,057	\$	\$16,200	\$3,340	\$23,597
Total					\$23,597

14. PROJECT TIMELINE: Complete the table below.

SPECIAL NOTE: Be sure to allow enough time for any possible delays when choosing your deliverable due dates. **Late submittals will incur financial consequences.**

PROJECT TIMELINE

Task No.	Task Title	Deliverable Due Date	FDEP Task Amount	NGMSSC Task Amount
	Select Project Team Consultant	1/15/2020	\$0	\$0
1	Stakeholder Engagement Meetings (except Final Presentation to Franklin County Board of County Commissioners [BOCC])	4/30/2020	\$20,913	\$0
1	Stakeholder Engagement Meetings (Final Presentation to BOCC)	10/15/2020	\$0	\$4,057
	Quarterly Report #1	01/05/2020	\$0	\$0
2	Vulnerability Assessment	03/01/2020	\$15,410	\$0
	Quarterly Report #2	04/06/2020	\$0	\$0
3	Resilient Alternatives Analysis and Adaptation Strategy	10/15/2020	\$0	\$16,200
4	Project Management, Evaluation, and Closeout	10/30/2020	\$0	\$3,340

15. FUTURE RECOMMENDATIONS & ESTIMATED COSTS FOR THEM:

Include an estimated cost for each recommendation listed and how you determined that estimate. Future actions will include the completion of the Resilient Alternatives Analysis, to be funded by the Northern Gulf of Mexico Sentinel Site Cooperative (NGMSSC) and completed by October 31, 2020. Alternatives identified through the analysis will vary in estimated cost(s), and

additional funding through state and federal resources will be explored to develop a subsequent funding strategy and implementation plan.

III. TASKS & DELIVERABLES

Task #1

- A. **Title:** Task I: Stakeholder Engagement
- B. **Goal:** The goal is to incorporate stakeholder input and participation into the project.
- C. **Description:** Develop a plan to determine strategy for engagement of impacted stakeholders (Franklin County BOCC, APSTA, Franklin County residents, advisory committee members), frequency and timeline of public meetings to discuss and develop the project goals and deliverables, and the method of communication/information exchange between Franklin County and stakeholders. This task will involve a series of meetings throughout the project to seek input / feedback from multiple agencies and the general public. Below is a tentative list of meetings, but this list can be adjusted to meet project needs:
- Initial Interagency Meeting – Identify issues and assets
 - Initial Public Meeting - Identify issues and assets
 - Interagency Meeting – Review/discuss proposed top alternatives for analysis
 - Public Presentation at Franklin County BOCC Meeting – Present findings and recommendations
- D. **Deliverable(s):**
1) Agendas, sign-in sheets, and meeting notes for any stakeholder meetings held.
- E. **Task Total Requested:** \$ 20,913 (for all meetings except Public Presentation at BOCC Meeting) (Due by April 30, 2020)
Other Source Funds Applied: \$ 4,057 (Public Presentation at BOCC Meeting (Due by October 15, 2020)

Task #2

- A. **Title:** Vulnerability and Assets Assessment
(Limited to 100 Characters.)
- B. **Goal:** Evaluate the full range of vulnerabilities from sea level rise, extreme events and geomorphic evolution. Develop an Adaptive Capacity component that will assist the local community with emergency responses.
- C. **Description:** This task will involve the compilation and summarization of existing information relevant to the previous and anticipated erosion of the portions of Alligator Point Road that have washed out in recent years. This includes review of available wave/surge and sea level rise data from online sources, road maintenance and shoreline

armorings records from Franklin County, parcel/ownership information, and stakeholder input (from Task 1).

- D. Deliverable(s):** *(List format that is specific to the task description above, and is tangible, quantifiable, measurable, and verifiable.)*
- 1) A report section that identifies key potential vulnerabilities to natural hazards, as well as adaptive capacity assets in Alligator Point. (Due date is March 1, 2020)

E. Task Total Requested: \$ 15,410
Other Source Funds Applied: \$ 0 *(if applicable)*

Task #3

- A. Title:** Coastal Resilience Alternatives Analysis and Adaptation Strategy Development
- B. Goal:** The goal is to analyze resilience options for Alligator Point, to incorporate into an adaptation strategy that can later be implemented.
- C. Description:** This task will prioritize Alligator Point's adaptive needs, based on the findings of Task 2. Based on these adaptive needs, several strategies (alternatives) will be identified, evaluated, and prioritized using a priority matrix and/or cost/benefit analysis.
- D. Deliverable(s):** *(List format that is specific to the task description above, and is tangible, quantifiable, measurable, and verifiable.)*
- 1) An outline document that includes general project plan and timeline for the completion of a Coastal Resilience Alternatives Analysis Report.
 - 2) **Note:** This task will be completed through another funding program – Northern Gulf of Mexico Sentinel Site Cooperative (NGMSSC) Resilience to Future Flooding program. **The Coastal Resilience Alternatives Analysis is not a deliverable included within this (FDEP) grant application.** This report section will list potential strategies to address the adaptive needs (identified in Task 2). This list will likely include a combination of hard and soft interventions, such as coastal armoring, offshore reefs, dune vegetation, beach nourishment, and relocation of infrastructure away from the water's edge. Each alternative will be qualitatively evaluated based on pros/cons; implementation timing (near-term, mid-term, long-term); estimated cost (low, medium, high, both for capital and maintenance); likely range of effectiveness; and barriers to implementation and uncertainty. The report will also include a recommendation of options based on collaborative inputs and analysis of the alternatives identified.
- E. Task Total Requested:** \$ 0
Other Source Funds Applied: \$ 16,200 (NGMSSC. Due date: Oct 15, 2020).

Task #4

- A. Title:** Project Management, Evaluation, and Closeout

B. Goal: The goal is to meet FDEP reporting requirements per the grant agreement and the Grant Work Plan.

C. Description: Progress Reports, as a required by the Payment Request process, will provide information for all tasks and deliverables identified for the following reporting periods:

Reporting Period:

August 1 to December 31, 2019

January 1 to March 31, 2020

April 1 to June 30, 2020

Due:

January 5, 2020

April 5, 2020

July 5, 2020

This task involves coordination of project activities and progress reporting to meet grant requirements. Each Quarterly Report will contain information for all tasks and deliverables within the respective reporting period, including:: A summary of project accomplishments for the reporting period; a comparison of actual accomplishments to goals for the period; if goals were not met, reasons why; and an update on the estimated time for completion of the task and an explanation for any anticipated delays and identify by task.

The report sections developed in the tasks above will be compiled into a Final Project Report containing the following sections: Executive Summary, Methodology, Outcome, and Further Recommendations. The Final Project Report will comply with the publication requirements in the Grant Agreement. One electronic copy will be submitted to the Department's Grant Manager, for approval.

D. Deliverable(s):

- 1) Exhibit A, Progress Report Forms
- 2) Payment Request Forms
- 3) Final Project Report (due by October 30, 2020)

E. Task Total Requested: \$ 0

Other Source Funds Applied: \$ 3,340 (if applicable)

IV. CERTIFICATION STATEMENT

Grantee's Certification Statement

Grantee's Organizations Name: Franklin County Board of County Commissioners

"By signing this title page, the undersigned certifies that:

- a. This application is in all respects fair and submitted in good faith without collusion or fraud;
- b. If selected through this application process, the recipient will work in good faith and in partnership with the Florida Resilient Coastlines Program to manage its subcontractors in a timely and accurate manner;
- c. Any funds awarded as a result of this application process will not be used to supplant or replace any state or local funds;
- d. Any funds awarded as a result of this application process will not be used as matching funds to apply for or receive other state or federal funds;
- e. The applicant local government's adopted comprehensive plan has been found to be in compliance with Chapter 163, Part II, F.S.;
- f. The undersigned has full authority to bind the applicant."

_____	<u>Noah Lockley, Jr.</u>
Signature	Printed Name
<u>Director</u>	_____
Title	Date

If applicant is partnering with a Florida college, community college, state university, regional planning council, or national estuary program this section **must** be completed. Enter the name of the partner, the authorized signature, name, title of contact for partnering entity, and the date signed. Partners are to provide written communication on their letterhead, explaining their involvement with the project, as a one-page attachment to this application.

Northern Gulf of Mexico Sentinel Site Cooperative _____
Partner Entity Name Signature of Partner

_____ _____
Printed Name Title

_____ _____
Date

For further information, contact:

Florida Department of Environmental Protection (FDEP)
ATTN: FRCP Grants Manager
3900 Commonwealth Blvd., MS 235
Tallahassee, FL 32399
(850) 245-2094
Resilience@FloridaDEP.gov

