



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2023-2024

LFIR # 3173

1. **Project Title**
2. **Senate Sponsor**
3. **Date of Request**

4. Project/Program Description

This project will expand on previous water resource analyses in the Peace River Basin to develop and implement a platform to guide water quality improvements across Florida. This SAS cloud-hosted platform will help enable water scientists to identify drivers of nutrient pollution in Florida waterways, forecast future water quality trends to determine possible mitigation options moving forward, recommend strategies for water quality improvement to Florida decision makers, and help create a water quality data repository and set of decision tools that can be expanded to various watersheds throughout the State. This also includes the creation of a cloud-based dashboard that can be used by the Florida Department of Environmental Protection and other stakeholders to monitor and track patterns and trends in water quality data and potential impacts on other important measures of community resilience (e.g., economy, harmful algal blooms, real estate value, population demographics, etc.).

5. **State Agency to receive requested funds**
- State Agency contacted?** Yes

6. Amount of the Nonrecurring Request for Fiscal Year 2023-2024

Type of Funding	Amount
Operations	4,150,000
Fixed Capital Outlay	0
Total State Funds Requested	4,150,000

7. Total Project Cost for Fiscal Year 2023-2024 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	4,150,000	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2023-2024	4,150,000	100%

8. **Has this project previously received state funding?** Yes

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2022-23	0	4,000,000	1650D	No

9. **Is future funding likely to be requested?** Yes
- a. **If yes, indicate nonrecurring amount per year.**
- b. **Describe the source of funding that can be used in lieu of state funding.**
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10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?

If yes, indicate the amount of funds received and what the funds were used for.

Complete questions 11 and 12 for Fixed Capital Outlay Projects

11. Status of Construction

a. What is the current phase of the project?

Planning
 Design
 Construction

b. Is the project "shovel ready" (i.e permitted)?

c. What is the estimated start date of construction?

d. What is the estimated completion date of construction?

12. List the owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

13. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	Application of the standard 10% de minimis cost rate to FGCU as well as indirect costs for contractual services	200,000
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits	Estimated number of FGCU staff includes 10 faculty, 4 post-docs, two graduate students, and two undergraduate students.	1,200,000
Expense/Equipment/Travel/Supplies/Other	Estimated water quality monitoring sensors, lab supplies, project travel, etc.	400,000
Consultants/Contracted Services/Study	Develop a region-wide, data-driven, stakeholder-guided strategy to achieve long-term and sustained improvements in water quality with associated economic benefits through improvements to multiple types of water-related infrastructure in the PRB region.	2,350,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		4,150,000

14. Program Performance

a. What specific purpose or goal will be achieved by the funds requested?



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Develop a region-wide, data-driven, stakeholder-guided strategy to achieve long-term and sustained improvements in water quality with associated economic benefits through improvements to multiple types of water-related infrastructure in the Peace River Basin and other critical Florida watersheds.

b. What activities and services will be provided to meet the intended purpose of these funds?

Data analyses, and modeling will be delivered in formats relevant to their inclusion in a Reasonable Assurance Plan, Water Quality Restoration Strategy, as well as applications for funding to design and implement infrastructure investments. In this project phase, the strategic plan will identify and prioritize specific septic to sewer, stormwater, and land conservation infrastructure improvement projects, and include an associated strategy for funding these projects.

c. What direct services will be provided to citizens by the appropriation project?

To deliver to policymakers, and ultimately the public, an actionable dashboard and information about why the condition of waters are changing in the state, how these changes are affecting key economic sectors, what future conditions are likely to be, and data-driven guidance on which changes are likely achieve improvements in both environmental and economic health throughout Peace River Basin and other critical watersheds.

d. Who is the target population served by this project? How many individuals are expected to be served?

Residents of Florida, all residents of Florida impacted by poor water quality conditions.

e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?

The successful implementation of this project will enable: New discoveries of key drivers of water quality conditions and ecosystem changes, as well as effects of environmental changes on key economic sectors; Higher confidence forecasting of water quality / environmental / economic changes, including predictive simulations of management changes and infrastructure investments; Improved access to high quality and informative visualizations of water quality and economic data as well as their relationships to support decision making about local environmental and economic policy decisions as well as infrastructure.

f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for the contract?

Withholding payments and assessing potential financial or liquidated damages.

15. Requester Contact Information

a. First Name **Last Name**

b. Organization

c. E-mail Address

d. Phone Number **Ext.**

16. Recipient Contact Information

a. Organization

b. Municipality and County

c. Organization Type

- For Profit Entity
- Non Profit 501(c)(3)



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- Non Profit 501(c)(4)
- Local Entity
- University or College
- Other (please specify)

d. First Name **Last Name**

e. E-mail Address

f. Phone Number

17. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number

Please complete the questions below for Water Projects only.

18. Have you applied for alternative state funding?

- Waste Water Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- Other (please specify)
- N/A

19. What is the population economic status?

- Financially Disadvantaged Community (ch. 62-552, F.A.C)
- Financially Disadvantaged Municipality (ch. 62-552, F.A.C)
- Rural Area of Economic Concern
- Rural Area of Opportunity (s. 288.0656, Florida Statutes)
- N/A

20. What is the status of construction?

21. What percentage of the construction has been completed?



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N/A

22. What is the estimated completion date of construction?

N/A