



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1529

1. **Title of Project:** Florida Tech - Harmful Algal Bloom Research

2. **Senate Sponsor:** Debbie Mayfield

3. **Date of Submission:** 02/13/2019

4. **Project/Program Description:**

Accelerate the shift of the State response to Harmful Algal Blooms (HABs) from crisis management to anticipatory management through scientific assessment of Florida coastal waters and freshwater systems by Florida Tech researchers. Florida Tech will accelerate the understanding of the causes and effects of HABs as well as the effective methods of intervention and mitigation of HAB's to protect Florida's water resources.

5. **State Agency to receive requested funds :** Department of Environmental Protection

State Agency Contacted? No

6. **Amount of the Nonrecurring Request for Fiscal Year 2019-2020**

Type of Funding	Amount
Operations	2,493,120
Fixed Capital Outlay	
Total State Funds Requested	2,493,120

7. **Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)**

Type of Funding	Amount	Percent
Total State Funds Requested (from question #6)	2,493,120	100.0%
Federal	0	0.0%
State (excluding the amount of this request)	0	0.0%
Local	0	0.0%
Other	0	0.0%
Total Project Costs for Fiscal Year 2019-2020	2,493,120	100.0%

8. **Has this project previously received state funding?** No

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	NonRecurring		

9. **Is future-year funding likely to be requested?** Yes

a. If yes, indicate non-recurring amount per year. 2500000

10. **Details on how the requested state funds will be expended**

Spending Category	Description	Amount
-------------------	-------------	--------



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1529

Administrative Costs:		
Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Operational Costs:		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other	Watercraft utilization, travel, equipment and expenses associated with accessing and implementing multiple lagoon study sites	1,232,500
Consultants/Contracted Services/Study	The actual planning and performing of studies as well as monitoring and modeling of HAB sites	1,260,620
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		
Total State Funds Requested (must equal total from question #6)		2,493,120

11. Program Performance:

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

Improvement of Florida environmental conditions, public health and economic stability through the quantity and quality of actionable data in potentially predicting and reducing the frequency and longevity of HABs.

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

Florida Tech researchers and students conducting field experimentation and laboratory analysis to contribute to the statewide Algal Bloom Monitoring and Response network of HAB response/control protocols potentially leading to predictive models and preventative practices.

c. What are the direct services to be provided to citizens by the appropriations project?

N/A

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

N/A

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

Improvement in the quantity and quality of actionable data in potentially predicting and reducing the frequency and longevity of HABs. Contribute to statewide Algal Bloom Monitoring and Response network with HAB data, analysis and potentially HAB response protocols.

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 in the contract?

Standard contract conditions



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1529

12. The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.

N/A

13. Requestor Contact Information:

- a. **Name:** Robert Salonen
- b. **Organization:** Florida Institute of Technology
- c. **E-mail Address:** rsalonen@fit.edu
- d. **Phone Number:** (321)501-1900

14. Recipient Contact Information:

- a. **Organization:** Florida Institute of Technology
- b. **County:** Brevard
- c. **Organization Type:**
 - For Profit
 - Non Profit 501(c) (3)
 - Non Profit 501(c) (4)
 - Local Entity
 - University or College
 - Other (Please specify)
- d. **Contact Name:** Robert Salonen
- e. **E-mail Address:** rsalonen@fit.edu
- f. **Phone Number:** (321)501-1900

15. Lobbyist Contact Information

- a. **Name:** Cari L. Roth
- b. **Firm Name:** Dean Mead
- c. **E-mail Address:** CRoth@deanmead.com
- d. **Phone Number:** (850)591-1094