

Appropriations Project Request - Fiscal Year 2020-21

For projects meeting the Definition of House Rule 5.14

1. Title of Project: University of Florida - iCoast: Coastal Monitoring for Action
2. Date of Submission: 10/11/2019
3. House Member Sponsor: Thomas Leek
Members Copied:

4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? No
If answer to 4a is "No" skip 4b and 4c and proceed to 4d, Col. E
- b. What is the most recent fiscal year the project was funded?
- c. Were the funds provided in the most recent fiscal year subsequently vetoed?
- d. Complete the following Project Request Worksheet to develop your request:

FY:	Input Prior Year Appropriation for this project for FY 2019-20 <i>(If appropriated in 2019-20 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2020-21 <i>(Requests for additional RECURRING funds are prohibited.)</i>		
Column:	A	B	C	D	E	F
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated <i>(Recurring plus Nonrecurring: column A + column B)</i>	Recurring Base Budget <i>(Will equal non-vetoed amounts provided in Column A)</i>	Additional Nonrecurring Request	TOTAL Nonrecurring plus Recurring Base Funds <i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i>
Input Amounts:					1,100,000	1,100,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2020-21? No
 - 5a. If yes, which state agency?
 - 5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? Department of Education
 - 5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? Yes
 - 5d. Describe penalties for failing to meet deliverables or performance measures which the agency should provide in its contract to administer the funding if appropriated.
Return of the portion of any funds for which performance standards are not met or deliverables are not achieved.

6. Requester:

- a. Name: Jessica Long
- b. Organization: University of Florida Whitney Laboratory for Marine Bioscience
- c. Email: jessica.long@whitney.ufl.edu
- d. Phone #: (904)201-8401

7. Contact for questions about specific technical or financial details about the project:

- a. Name: Samantha Sexton
- b. Organization: University of Florida
- c. Email: ssexton@ufl.edu
- d. Phone #: (850)270-4040

8. Is there a registered lobbyist working to secure funding for this project?

- a. Name: Samantha Sexton
- b. Firm: University of Florida
- c. Email: ssexton@ufl.edu
- d. Phone #: (850)270-4040

9. Organization or Name of entity receiving funds:

- a. Name: UF Whitney Laboratory for Marine Bioscience
- b. County (County where funds are to be expended): Flagler, St. Johns
- c. Service Area (Counties being served by the service(s) provided with funding): Brevard, Flagler, St. Johns, Volusia

10. What type of organization is the entity that will receive the funds? (Select one)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government
- University or College
- Other (Please describe)

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

To improve environmental response to threats by creating an advanced and nimble assessment and monitoring system – increase density of monitoring tools using advanced technology. Model data to develop predictive modeling that can be applied to assess threats to ecosystem and coastal residents and develop a forecasting system.

12. Provide specific details on how funds will be spent. (Select all that apply)

Spending Category	Description	Nonrecurring (Should equal 4d, Col. E) Enter "0" if request is zero for the category
Administrative Costs:		
<input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits		
<input type="checkbox"/> b. Other Salary and Benefits		
<input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> d. Consultants/Contracted Services/Study		
Operational Costs:		
<input checked="" type="checkbox"/> e. Salaries and Benefits	2 Site Operations coordinator, 3 technicians, portion of communication staff (10%)	289,665
<input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other	Research vessel, \$167,500; Data Sondes and Sensor Platforms, \$600,000; Boat time, \$20,000; Travel, \$22,835	810,335
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering		

TOTAL		1,100,000
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13. For the Fixed Capital Costs requested with this issue (In Question 12, category “h. Fixed Capital Outlay” was selected), what type of ownership will the facility be under when complete? (Select one correct option)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government (e.g., police, fire or local government buildings, local roads, etc.)
- State agency owned facility (For example: college or university facility, buildings for public schools, roads in the state transportation system, etc.)
- Other (Please describe)

14. Is the project request an information technology project?

No

15. Is there any documented show of support for the requested project in the community including public hearings, letters of support, major organizational backing, or other expressions of support?

Yes

15a. Please Describe:

iCoast is one of only 8 large scale initiatives supported with seed dollars from the University, we have held informational meetings with 60 in attendance as well as shared with community board of trustees, and UF Trustees. It has also been highlighted in newspaper, letters of support are being gathered.

16. Has the need for the funds been documented by a study, completed by an independent 3rd party, for the area to be served?

Yes

16a. Please Describe:

There have been studies on the environmental threats facing these key areas of Florida, as well as the need for new approaches to monitoring and addressing these issues, and are available for review.

17. Will the requested funds be used directly for services to citizens?

Yes

17a. What are the activities and services that will be provided to meet the purpose of the funds?

Development of a coastal monitoring system that will allow governments and stakeholders to immediately respond to changing environments.

17b. Describe the direct services to be provided to the citizens by the funding requested.

Access to public data; Increased education and communication about Florida's water quality.

17c. Describe the target population to be served (i.e., "the majority of the funds requested will serve these target populations or groups.").

Select all that apply to the target population:

- Elderly persons
- Persons with poor mental health
- Persons with poor physical health
- Jobless persons
- Economically disadvantaged persons
- At-risk youth
- Homeless
- Developmentally disabled
- Physically disabled
- Drug users (in health services)
- Preschool students
- Grade school students
- High school students
- University/college students
- Currently or formerly incarcerated persons
- Drug offenders (in criminal Justice)
- Victims of crime
- General (The majority of the funds will benefit no specific group)
- Other (Please describe): Coastal communities

17d. How many in the target population are expected to be served?

- < 25
- 25-50
- 51-100
- 101-200
- 201-400
- 401-800

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select each Benefit/Outcome that applies)

Benefit or Outcome	Provide a specific measure of the benefit or outcome	Describe the method for measuring level of benefit
<input type="checkbox"/> Improve physical health		
<input type="checkbox"/> Improve mental health		
<input type="checkbox"/> Enrich cultural experience		
<input type="checkbox"/> Improve agricultural production/promotion/education		
<input type="checkbox"/> Improve quality of education		
<input checked="" type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality	Establish and combine technologies and place technologies in key sites in Matanzas Basin and IRL, if the request is fully supported, to collect data that may help improve environmental quality.	Share key data sets with decision makers and the public; track if information was utilized
<input checked="" type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)	Establishment of technology and advanced sentinel sensor arrays in the Matanzas Basin and Indian River Lagoon.	Successful establishment and data generated from iCoast; Measurement of harmful organisms using eDNA to predict presence plus concentration of harmful organisms and correlate to environmental condition.
<input type="checkbox"/> Improve transportation conditions		
<input checked="" type="checkbox"/> Increase or improve economic activity	Providing public assurance for environmental quality or safety through data collection; Improve the environmental appeal of region (long term outcome).	Measure economic indicators in region, including increased fisheries.

<input checked="" type="checkbox"/> Increase tourism	Improve the environmental appeal of region (long term outcome).	Long term outcome to be measured by tourism and ecotourism reports.
<input type="checkbox"/> Create specific immediate job opportunities		
<input type="checkbox"/> Enhance specific individual's economic self sufficiency		
<input type="checkbox"/> Reduce recidivism		
<input type="checkbox"/> Reduce substance abuse		
<input type="checkbox"/> Divert from Criminal/Juvenile justice system		
<input type="checkbox"/> Improve wastewater management		
<input type="checkbox"/> Improve stormwater management		
<input type="checkbox"/> Improve groundwater quality		
<input type="checkbox"/> Improve drinking water quality		
<input checked="" type="checkbox"/> Improve surface water quality	Predicting water quality response from environmental stressors to inform resource managers.	Publish geochemical data sets
<input type="checkbox"/> Other (Please describe):		

19. Provide the total cost of the project for FY 2020-21 from all sources of funding (Enter "0" if amount is zero):

Type of Funding	Amount	Percent of Total	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	1,100,000	51.4%	N/A
2. Federal:	430,000	20.1%	No
3. State: (Excluding the requested Total Amount in #4d,	300,000	14.0%	Yes

Column F)			
4. Local:	310,000	14.5%	Yes
5. Other:	0	0.0%	No
TOTAL	2,140,000	100%	

20. Is this a multi-year project requiring funding from the state for more than one year?

Yes

20a. How much state funding would be requested after 2020-21 over the next 5 years?

<1M

1-3M

>3-10M

>10M

20b. How many additional years of state support do you expect to need for this project?

1 year

2 years

3 years

4 years

>= 5 years

20c. What is the total project cost for all years including all federal, local, state, and any other funds? Select the single answer which best describes the total project cost. If funds requested are for ongoing services or for recurring activities, select "ongoing activity".

Ongoing activity – no total cost

<1M

1-3M

>3-10M

>10M