



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1140

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. **Project/Program Description**

Funding from the State is twofold. It would allow LMC to (1) document harmful algal toxin and plasticizer concentrations in marine wildlife across Florida and (2) increase number of cleanups, further analyze pounds of trash removed, and evaluate the impacts of plastic debris and contaminants on wildlife health. Activities and services of the first project will be (1) document toxins in the plasma of green turtles that are subject to harmful algal blooms, (2) document turtle prey species and their subsequent toxins in the diet of the turtles, and (3) compare toxin loads to overall health. The major goals of the second project are to (1) conduct local beach cleanups, (2) conduct underwater cleanups of Juno Beach Pier and other Florida piers, (3) trash & marine debris collecting, sorting, and analysis, and (4) analyzing plasticizer concentrations in nesting sea turtles and impacts on health and offspring survival.

5. **State Agency to receive requested funds**

State Agency contacted? Yes No

6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	<input style="width: 80%;" type="text" value="250,000"/>
Fixed Capital Outlay	<input style="width: 80%;" type="text" value="000"/>
Total State Funds Requested	250,000

7. **Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	<input style="width: 80%;" type="text" value="250000"/>	<input style="width: 80%;" type="text" value="100.0"/> %
Matching Funds		
Federal	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
State (excluding the amount of this request)	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
Local	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
Other	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
Total Project Costs for Fiscal Year 2020-2021	250,000	100 %

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

If yes, provide the most recent instance:

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>

9. **Is future-year funding likely to be requested?** Yes No

If yes, indicate nonrecurring amount per year.



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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	Salaries and benefits are included for the Director of Research and Conservation Coordinator, the leads on these projects. A total of 20% FTE for the Director of Research (for each project) and 30% FTE for the Conservation Coordinator are requested.	34,360
Other Salary and Benefits	Salary for two seasonal employees that will be assisting with these projects are included.	10,000
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study	Subcontracts for associated collaborators.	28,263
Operational Costs: Other		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other	Costs associated with these projects include underwater/beach cleanup/pollution prevention/other field sampling supplies, toxin/plasticizer analyses, algal species identification, health analyses, disease analyses, tags, nets, expendables, shipping costs, costs for large equipment, travel, and indirect costs.	177,377
Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		
Total State Funds Requested (must equal total from question #6)		250,000



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11. Program Performance

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

The specific purpose for these requested funds is to improve upon the health and cleanliness of Florida's beaches and waterways through rigorous beach and underwater cleanups and evaluation of the health of Florida's charismatic wildlife in regards to plastic pollution and harmful algal blooms (red tide, blue-green algae).

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

The activities and services to be provided are (1) expanding science-based nationally recognized debris removal and sorting to better identify up stream sources and ultimately reducing debris in and around Florida's coastal ecosystems, (2) keeping critical tourism beaches cleaner, (3) keeping critical sea turtle nesting beaches cleaner, (4) engaging corporations, school children, policy makers, and influencers to engage in keeping Florida's beaches cleaner, and (5) leverage Florida's wildlife to serve as indicators of ocean health to better understand the impacts of plastic pollution and Florida's algal blooms (red tide & blue green algae) on wildlife and ecosystems.

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

This project will not only help to keep Florida beaches clear of trash and debris but aims to create innovative long-term solutions to ocean pollution to help keep Florida reefs, beaches, and wildlife healthy for generations to come. The resulting data from the wildlife health research projects can be used to improve management decisions and support protection measures in Florida's coastal areas, as healthy wildlife species are direct indicators of coastal and ocean health. These projects will aid in boosting the community by increasing or maintaining tourism in the state of Florida.

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

The target population served by this project are coastal communities, residents, tourists, and wildlife in the state of Florida. By keeping the beaches and the coastal environment clean, tourism will continue to thrive in Florida and locals and tourists alike will be able to enjoy pristine beaches and reefs long into the future. These projects will benefit thousands of local residents, tourists, and beach-goers.

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

The outcome of this project is direct removal of fishing line and other trash from the marine environment and the development of long-term pollution prevention initiatives to prevent debris from entering the ocean and potentially harming marine life. Through these results, we will seize the opportunities to educate the public regarding the impacts of plastic pollution, contaminants, and harmful algal bloom toxins on sea turtle health through tangible displays, media contacts, and scientific communication/publication. Measures of the realized value include improvements in ecosystem and species protection and management policies, as well as shifts in scientific and public thinking brought about by these results. The outcome will be measured by pounds of debris removed from the marine environment monthly or yearly by this project, miles of fishing line removed during underwater cleanups, the number of beach cleanups held yearly, and peer-reviewed scientific publications.

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?

repayment of funds.



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12. **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.**

N/A

13. **Requestor Contact Information**

- a. First Name Last Name
- b. Organization
- c. E-mail Address
- d. Phone Number Ext.

14. **Recipient Contact Information**

- a. Organization
- b. Municipality and County
- c. Organization Type
- For-profit Entity
 - Non-Profit 501(c) (3)
 - 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

15. **Lobbyist Contact Information**

- a. Name
- b. Firm Name
- c. E-mail Address
- d. Phone Number Ext.



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Please complete the questions below for Water Projects only.

16. **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

17. **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

18. **What is the status of construction?**

19. **What percentage of the construction has been completed?**

20. **What is the estimated completion date of construction?**

The information provided will be posted to the Florida Senate website for public viewing if sponsored by a Senator.