

FACILITIES MASTER PLAN / CAPITAL PROJECT REQUEST
CAPITAL REQUIREMENTS SUMMARY AND NEEDS ASSESSMENT FORM

(Form B)

Institution: Marine Environmental Sciences Consortium
Dauphin Island Sea Lab

Name of Respondent: David A. England

Telephone Number: 251-861-2141 Ext. 7510

E-Mail Address: dengland@disl.org

B. INTERMEDIATE CAPITAL REQUIREMENTS - YEAR 2 (FY 2018-2019)

Institutional Priority	Funding Sources				Estimated Total Cost	Specify Source(s) Other State	Specify Source(s) Other Funds	Building Number (If existing Facility or Facilities)	Space Utilization Description (If more than 1 Code used include % for each Code Click here to view Codes)	Projected Gross Square Feet (Should be used only for Subsection 1 or 2 Projects)	Projected Net Assignable Square Feet (Should be used only for Subsection 1 or 2 Projects)	Space Category (If more than 1 Code used include % for each Code Click here to view Codes)	Change in Purpose (Yes or No Depending on Project)	Projected Start/ Acquisition Date (Date reported cannot be before the start of the fiscal year to be reported on the form. Fiscal Years run from Oct. 1 - Sept. 30)	Projected Completion Date	Basis of Requirement (Use no more than 2 Codes Click here to view Codes) USE LETTER OF CODE ONLY
	Education Trust Fund	Education Trust Fund Advancement & Technology Fund	Other State Funding	Other Funds												
1. New Construction/Acquisition Projects																
1.																
2.																
3.																
4.																
Subtotal																
2. Renovation/Remodeling Projects																
1.																
2.																
3.																
4.																
Subtotal																
3. Major Capital Equipment Projects																
1.																
2.																
3.																
4.																
Subtotal																
4. Deferred Maintenance/Facilities Renewal (See Instructions)																
1.																
2.																
3.																
4.																
Subtotal																
Total Intermediate Year 2 Capital Requirements																

A brief description and justification must be attached for each project listed above. If the descriptions/justifications are listed below adjust the print range so they print out properly

Provide a succinct but thorough justification of the need for the capital project. This information may be included in a separate Word Processing document. See instructions for further information.

FACILITIES MASTER PLAN / CAPITAL PROJECT REQUEST
 CAPITAL REQUIREMENTS SUMMARY
 (Form C)

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C. LONG TERM CAPITAL REQUIREMENTS - YEARS 3-5
 (FY 2019-2020 through FY 2021-2022)

	Estimated Total Cost
1. New Construction/Acquisition Projects	
1.	_____
2.	_____
3.	_____
4.	_____
Subtotal	_____
2. Renovation/Remodeling Projects	
1.	_____
2.	_____
3.	_____
4.	_____
Subtotal	_____
3. Major Capital Equipment Projects	
1.	_____
2.	_____
3.	_____
4.	_____
Subtotal	_____
4. Deferred Maintenance/Facilities Renewal (See Instructions)	
1.	_____
2.	_____
3.	_____
4.	_____
Subtotal	_____
Total Long Term Capital Requirements	_____
Funding Source for All Long Term Projects:	
Education Trust Fund	\$ _____
ETF Advancement & Technology Fund	\$ _____
Other State Funding	\$ _____
Other Funds	\$ _____
Total Long Term Funding	\$ _____

D. TOTAL ALL CAPITAL PROJECTS **\$ \$9,515,000**
 (The total of Form A, B and C
 should be reported here)

2016 FMP/Capital Project Request

Marine Environmental Sciences Consortium Dauphin Island Sea Lab

Facilities Description/Justification

1.1 **Overnight Research Vessel (\$3,000,000)**

Because many of our economically important recreational and commercial fisheries spend at least some portion of their lives on our continental shelf, there is a pressing need for the MESC to be able to mount extended overnight research cruises offshore of Alabama. This floating laboratory would allow DISL to provide more accurate assessments of the health of these resources. Such improved knowledge will also allow DISL to provide state and federal decision makers with better resource forecasts for management purposes.

1.2 **Student/Faculty Housing (\$2,000,000)**

The family housing is WWII vintage and beyond the point of reasonable rehabilitation and maintenance. Meanwhile the costs of housing on the island has reached a level that is beyond the financial range of our graduates students and visiting faculty. The square foot costs are high because the structures must be elevated.

1.3 **Research Building Annex (\$3,000,000)**

DISL research facilities were constructed during the height of the cold war. While these repurposed facilities have been refurbished twice in the past twenty years so that DISL could become competitive for federal research dollars, we find our infrastructure has aged to a point that we are falling behind other cutting edge marine facilities around the nation.

1.4 **Storage building (\$500,000)**

Additional storage at the Lab is limited. This building will assist in providing much needed climate controlled storage.

2.1 **Wetlab Renovations (\$500,000).**

This aging facility, originally fund by the National Science Foundation, needs to be replaced if we are to return to a level of competitiveness that allows us conduct ground-breaking research that will lead to an increased level of success in extramural science competitions.

2.2 **Hurricane Shutters (\$50,000)**

The addition of Bermuda style shutters will offer a permanent solution to the threat of severe storm/hurricane damage.

3.1 **Academic Equipment (\$65,000)**

The microscopes used during the summer classes are in desperate need of replacement. Many of these date back to early donations (1970's) from the member schools.

3.2 **Research (\$300,000)**

These funds are requested to purchase a replacement for an aging water quality, nutrient, analyzer and to provide scientific equipment for a new faculty line to be hired.

3.3 **Plant Operations (\$100,000)**

These funds are requested to purchase a number of vehicles and trucks.