

MARYLAND SEA GRANT PROJECT SUMMARY

Institution:

lCode:

Title:

Project Number:

Project Status:

Initiation Date:**Completion Date:**

Principal Investigator:

Affiliation:

Affiliation Code:

Effort Year 1:

Effort Year 2:

Co-Principal Investigator:

Affiliation:

Affiliation Code:

Effort Year 1:

Effort Year 2:

Co-Principal Investigator:

Affiliation:

Affiliation Code:**Effort Year 1:**

Effort Year 2:

Proposed Sea Grant Funds Year 1: \$**Proposed Sea Grant Funds Year 2: \$**

Sea Grant Strategic Plan Classification:

Keywords:

Proposed Match Funds Year 1: \$

Proposed Match Funds Year 2: \$

Objectives:

Methodology:

Rationale:

Abbreviations / Codes / Terms / Etc.		
CFDA	Catalog of Federal Domestic Assistance	Project number assigned by federal government
FID	Federal Identification	Federal tax ID number
EIN	Entity Identification	within FID
FTE	Full Time Employees	
ICODE	Institutional Code	See ICODE list below
	Affiliation Code	Same as ICODE (if not on list leave blank)
	Grant Classification Codes	See list on attached worksheet
	Sea Grant Strategic Plan Classification	Same as Grant Classification Codes

ICode	Institution Name
2400	Maryland Sea Grant Program, UMCES
2401	University of Maryland College Park
2402	Seabrook Hull Associates
2404	Council for National Cooperatives in Aquatics
2406	Undersea Medical Society, Inc.
2408	University. of Maryland, Baltimore County
2410	Johns Hopkins University
2412	Horn Point Laboratory, UMCES
2414	Chesapeake Biological Laboratory, UMCES
2416	University of Maryland at Baltimore
2418	St. Mary's County Board of Education
2420	Baltimore Aquarium
2422	University of Maryland Eastern Shore
2425	Maryland Department of Natural Resources (Oxford Laboratory)
2430	Center of Marine Biotechnology, UMBI
2433	University of Maryland Biotechnology Institute (UMBI)
2435	University of Maryland Center for Environmental Science (UMCES)
2441	Smithsonian Institute, Environmental Research Center
2450	Academy of Natural Sciences, St. Leonards
2451	Academy of Natural Sciences, Benedict Estuarine Marine Laboratory

Sea Grant Strategic Plan Classification Codes

I. ECONOMIC LEADERSHIP

A. Advanced Technology for Commercial Products and Processes

Commercial Biotechnology

- (11) Molecular Genetics
- (12) Natural Products: Chemistry and Biological Activity
- (13) Bioprocessing, Bioreaction, Cell and Tissue Culture

Environmental Technology

- (21) Enhancement of Environmental Monitoring and Assessment
- (22) Pollution Control and Prevention
- (23) Remediation

B. Seafood Production

Revitalize the Nation's Commercial Fisheries

- (31) Ecosystem-Based Management
- (32) Anticipating Social and Economic Impacts
- (33) Minimizing Bycatch
- (34) Enhancing Wild Stocks through Aquaculture

Develop Sustainable U.S. Aquaculture

- (41) Administration and Coordination
- (42) Developing and improving Grow-Out Systems
- (43) Improving Husbandry
- (44) Enhancing Aquaculture through Biotechnology
- (51) Product Quality and Safety
- (52) Processing Technology and Practices
- (53) Waste management and Byproduct Recovery
- (54) Product Development

C. Coastal Economic Development

Coastal Business Development

- (61) Fishing Industries
- (62) Coastal Recreation Businesses
- (63) Marine Trades Industry

Coastal Community Development

- (71) Coastal Tourism Development
- (72) Communities in Transition
- (73) Coastal and Waterfront Redevelopment
- (74) Ports and Harbors
- (75) Planning and Decision-Making Information

Revitalizing Marine Infrastructure

- (81) Inspection and Condition Surveys
- (82) Environmental and Operational Loadings
- (83) Structure Performance Assessments
- (84) Rehabilitation, repair, and Recycling Procedures

II. COASTAL ECOSYSTEM HEALTH AND PUBLIC SAFETY

A. Coastal Ecosystem Health

Coastal and Great Lakes Water Quality

- (91) Toxics
- (92) Biological Contaminants
- (93) Nutrients
- (94) Sedimentation
- (95) Biotoxins / Harmful Algal Blooms
- (96) Nonpoint Source Pollution
- (97) Chemical and Oil Spills

Coastal and Great Lakes Habitats

- (101) Habitat Structure and Function
- (102) Habitat Restoration
- (103) Aquatic Nuisance Species
- (104) Cumulative Impacts

Sustainable Development

- (111) Socioeconomic Dimensions of Environmental Change
- (112) Coastal Management Policy Tools
- (113) Multiple Use Management and Conflict Resolution
- (114) Water Availability
- (115) Cumulative Impacts

B. Public Safety

Coastal and Natural Hazards

- (121) Severe Storms
- (122) Earthquakes and Tsunamis
- (123) Coastal Planning and Building Construction Techniques
- (124) Shoreline Processes and Erosion

Safety at Sea

- (131) Vessel Stability Research
- (132) Equipment Design and Testing
- (133) Survival and safety Training
- (134) Recreational and Commercial Diving

III. EDUCATION AND HUMAN RESOURCES

A. Education

- (141) Education - Pre-college
- (142) Education - University
- (143) Education - Informal

B. Marine Advisory Service

- (151) Marine Advisory Service - Core
- (152) Marine Advisory Service - Special Projects

C. Communication

- (161) Communications - Core
- (162) Communications - Special Projects

IV. PROGRAM MANAGEMENT

A. (170) Program Administration

B. (180) Program Development

V. (190) OTHER