

Woods Hole Sea Grant 2018-2021

Program Goals:

- (1) to provide linkages between basic research and applied aspects of research results**
- (2) to provide communication between the scientific community and groups that utilize information on the marine environment and its resources.**

Theme Areas 2018-2021

- **Healthy Coastal Ecosystems**
- **Sustainable Fisheries and Aquaculture**
- **Resilient Communities and Economies**
- **Environmental Literacy and Workforce Development**

Pre-proposals representing other areas will be considered, but priority will be given to those projects that fit within the theme areas of the strategic plan.

Some Current Projects

- Modeling shoreline morphological evolution
- Hydraulic jumps at an ecological hotspot: Mechanisms of zooplankton accumulation, temporal variability, and ecological consequences
- Is the recent decreased atmospheric nitrogen deposition improving water and vegetation quality in Waquoit Bay estuaries?
- Evaluating the relationship between kelp forest ecosystems and water temperature in the Southern Gulf of Maine
- Understanding the impact of floating oyster aquaculture on the carbon and nitrogen flux to the sediments using natural abundance isotopic surveys and metagenomic approaches
- Enhanced monitoring and spatial mapping of toxic algal blooms: Field implementation of an acoustic cell concentrator coupled with imaging in-flow cytometry
- Inverse modeling of prehistoric storm intensity based on grain size characteristics of hurricane-induced event

Woods Hole Sea Grant Staff

- Judith McDowell, Director
- Jeffrey Brodeur, Assistant Director/Communicator
- Kate Madin, Educator
- Greg Berman, Coastal Processes Specialist
- Shannon Jarbeau, CRS & Floodplain Coordinator
- Diane Murphy, Fisheries & Aquaculture Specialist
- Josh Reitsma, Marine Program Specialist
- Abigail Franklin Archer, Marine Resource Specialist

Woods Hole Sea Grant

2018-2021 Omnibus Calendar

2017

- February 9 Open Meeting — Discussion of Woods Hole Sea Grant Program
- February 24 Pre-proposal deadline to seagrant@whoi.edu by 5:00 p.m.
- March 8 Pre-proposals sent to Technical Advisory Panel
- April 10 Technical Advisory Panel
- April 14 Notification of pre-proposal review and solicitation of full proposals
- June 2 Full proposal deadline to seagrant@whoi.edu by 5:00 p.m.
- July 24 Mail reviews due to Woods Hole Sea Grant
- August 4 Blinded reviews sent to P.I.s
- August 16 P.I. rebuttals due to Woods Hole Sea Grant
- September 29 Notification of panel review selection for 2016–18 Omnibus inclusion
- October 30 Submission of Omnibus proposal to National Sea Grant College Program

2018

- February 1 Funding cycle begins

Pre-Proposal Format Guidelines

Summarize—in two pages—your research idea and include:

- P.I.(s), Department, Institution, Mailing Address, E-mail
- Project Title
- Project Description
- Rationale for Project
- Innovativeness
- Applications and Outreach
- Estimated Duration of Project
- Budget (total request and cost share per year)

DEADLINE: February 24, 2017

Send pre-proposal in pdf format to:

seagrant@whoi.edu by 4:30 p.m

Sea Grant's Cost-Share Requirement

Refer to Handout

Questions?

Call Judy McDowell 508-289-2557 or

Email: jmcdowell@whoi.edu

Integrating Research and Outreach

Goal: Sea Grant research results will be integrated into Sea Grant education and outreach activities and products.

Sea Grant outreach specialists are available for assistance and advice regarding technology transfer and extension of research results to appropriate audiences.

Examples:

- Workshops
- Technical assistance for Sea Grant outreach specialists
- technical resource for Sea Grant audiences
- content reviewers and advisors for program publications, web content, education and outreach products
- research highlights for newsletter, websites, news releases
- and more!

For More Information:

- Visit our website:
<http://www.whoiedu/seagrant>
- See our program guide for 2016-2018
- Woods Hole Sea Grant Strategic Plans,
2014-2017, 2018-2021