

## About Woods Hole Sea Grant

Woods Hole Sea Grant (WHSG) is pleased to announce its 2014-2016 Omnibus Request for Proposals. Based at the Woods Hole Oceanographic Institution, WHSG supports research, education, and extension projects that encourage environmental stewardship, long-term economic development, and responsible use of the nation's coastal and ocean resources. It is part of the National Sea Grant College Program (NSGCP) of the National Oceanic and Atmospheric Administration, a network of 30 individual programs located in each of the coastal and Great Lakes states.

Sea Grant's legislative charge is to "increase the understanding, assessment, development, utilization, and conservation of the nation's ocean and coastal resources by providing assistance to promote a strong educational base, responsive research and training activities, and broad and prompt dissemination of knowledge and techniques."

During the 2012-2014 funding cycle, WHSG is supporting 12 concurrent research projects. The average award is \$50,000 per year. Sea Grant proposals require a match of \$1 of non-federal funds for every \$2 of federal funds requested.

In keeping with the strategic plans of the NSGCP and Woods Hole Sea Grant, the theme areas for 2014-2016 are Healthy Coastal Ecosystems, Sustainable Fisheries and Aquaculture, Resilient Communities and Economies, and Environmental Literacy and Workforce Development. However, pre-proposals representing other areas will be considered.

This year, a separate Request for Proposals has been released by the Northeast Sea Grant College Consortium to solicit research projects on a regional scale. This RFP will be focused on the "Human Dimensions of Coastal and Marine Ecosystems." Details can be found at [www.whoi.edu/seagrant](http://www.whoi.edu/seagrant).



## Calendar for Woods Hole Sea Grant 2014-2016 Omnibus Proposal

|                   |                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| January 7, 2013   | Call for pre-proposals                                                                                                              |
| Feb. 15<br>2 p.m. | Open Meeting<br>Redfield Auditorium<br>45 Water Street, Woods Hole                                                                  |
| Feb. 22           | Pre-proposals due <b>via emailed PDF only</b> to <a href="mailto:seagrant@whoi.edu">seagrant@whoi.edu</a> by 5 p.m. <b>firm</b>     |
| April 12          | Notification of pre-proposal review and solicitation of full proposals                                                              |
| June 3            | Full proposals due to <b>via emailed PDF only</b> to <a href="mailto:seagrant@whoi.edu">seagrant@whoi.edu</a> by 5 p.m. <b>firm</b> |
| July 22           | Evaluations of full proposals due to Woods Hole Sea Grant office                                                                    |
| Aug. 14           | P.I. rebuttals due <b>via email only</b>                                                                                            |
| Sept. 20          | Notification of panel review selection for inclusion in 2014-2016 WHSG omnibus proposal                                             |
| Oct. 20           | Submission of omnibus proposal to National Sea Grant College Program                                                                |
| Feb. 1, 2014      | Funding begins                                                                                                                      |

## Format for Pre-Proposal Solicitation

Please provide a two-page summary of your research idea according to the following format:

- **P.I. Name, Department, Institution, Mailing Address, Phone, E-Mail**
- **Project Title**

### 1. Project Description

Include the scientific question, hypothesis, or principal objectives; comment on methodology and fieldwork that may be involved.

### 2. Rationale for Project

Does the project address an important issue, problem, or opportunity in the development, use, or management of marine or coastal resources?

### 3. Innovativeness

Do you take a new approach toward solving or exploiting opportunities in resource Management, development, or public outreach? Will the research focus on new or potentially new resources or ideas?

### 4. Applications and Outreach

What are some potential applications of your project, direct or indirect? Who will use the information you obtain? Do you have ideas for transferring this research to various audiences? If so, please specify. Also, why Sea Grant?

### 5. Estimated Duration of Project

Request 12 or 24 months.

### 6. Budget

Include Sea Grant request and proposed matching funds per year.

*Questions? Contact Judy McDowell at  
(508) 289-2557 or [jmcdowell@whoi.edu](mailto:jmcdowell@whoi.edu).*

## **Current Research Funded by Woods Hole Sea Grant**

- Giardia and Cryptosporidium in Cape Cod Seals and Their Flounder Prey: Issues of Fish, Seal, Fisherman and Consumer
- Mechanisms for Success and Potential Impacts of an Invasive Seaweed *Heterosiphonia japonica* in New England Coastal Waters
- Quantifying the Impact of Low Oxygen Conditions on Sediment Methane Fluxes in Waquoit Bay
- Passive Acoustic Monitoring of Biological Sounds and Ambient Noise Levels at the Proposed Cape Wind Site
- Shifts in Greenhouse Gas Emissions and Productivity of Coastal Wetlands in Response to Anthropogenic N Loading and Rising Sea Level
- Reconciling Distributional Patterns with Foraging Processes in an Ecological Hotspot: Aggregation of Humpback Whales, Prey Abundance and Distribution, and the Shoaling of Non-Linear Internal Waves
- It's Noisy Out There! Using Dolphins and Whales to Teach Students about How Humans Influence Coastal Ecosystems
- Modeling as a Tool to Better Understand Bay Scallop Recruitment and to Manage Bay Scallop Populations
- Multi-Cropping Shellfish and Macroalgae for Business and Bio-Extraction
- Transgenerational Exposure of Bay Scallops to Ocean Acidification
- Investigating Decadal-Scale Changes at the Base of the Georges Bank Food Web Through the Use of Compound-Specific Stable Isotope Analyses of Haddock Scales
- Decision-Support for the Economic Analysis of Trade-offs in Coastal and Marine Spatial Planning (CMSP) for the US Northeast Region