

About Woods Hole Sea Grant

Woods Hole Sea Grant, based at the Woods Hole Oceanographic Institution, 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 2010-2012 funding cycle, Woods Hole Sea Grant is supporting 13 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 2012-2014 are [Fisheries and Aquaculture](#), [Estuarine and Coastal Processes](#) (coastal erosion, sustainable landforms, water quality, and sediment quality) and [Marine Policy](#). 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 of multi-institutional Sea Grant proposals on a regional scale. This RFP will be focused on the "Human Dimensions of Coastal and Marine Ecosystems." Details can be found at www.seagrant.uconn.edu/documents/regionalRFP.pdf

Visit www.whoi.edu/seagrant for a description of our current projects and programs. Our strategic plans are also available online.



Calendar for Woods Hole Sea Grant 2012-2014 Omnibus Proposal

January 5, 2011	Call for pre-proposals
February 15 2 p.m.	Open Meeting Redfield Auditorium 45 Water Street, Woods Hole
Feb. 22 5 p.m. (FIRM)	Pre-proposals due to Woods Hole Sea Grant
April 13	Notification of pre-proposal review and solicitation of full proposals
June 1 5 p.m. (FIRM)	Full proposals due to Woods Hole Sea Grant
July 29	Evaluations of full proposals due to Woods Hole Sea Grant office
August 17	P.I. rebuttals due to Woods Hole Sea Grant
Sept. 15	Notification of panel review selection for inclusion in 2012- 2014 Woods Hole Sea Grant omnibus proposal
October 27	Submission of omnibus proposal to National Sea Grant College Program
February 1, 2012	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.

Please submit original and 6 copies to:

Dr. Judith E. McDowell
Woods Hole Sea Grant Program, MS #2
193 Oyster Pond Road, CRL 207
Woods Hole, MA 02543-1525

Deadline: February 22, 5 p.m.

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

Current Research Funded by Woods Hole Sea Grant

- Assessing the Impact of Hypoxia/Anoxia on Sediment Denitrification and the Production of Nitrous Oxide in Waquoit Bay
- Does Epiphytic Nitrogen Fixation Lead to a Spiral of Increasing Eutrophication in Shallow Estuaries
- Alternative Nitrogen Cycling Pathways: When Does Nitrate Disappearance Alleviate Eutrophication?
- Characterizing the Variability of the Outer Cape Coastal Current
- Controls on Calcification by Shellfish: Carbonate Chemistry of Bays and Estuaries in Southeastern Massachusetts
- Assessment of Movement Patterns and Spawning Site Fidelity of Female Horseshoe Crabs via Telemetry: Implications for Management of the Fishery
- Integrating Experiential Field Work with a Marine Ecology Curriculum for Southeastern Massachusetts
- Essential Fish Habitat: Quantifying the Roles of Euphausiid Behavior and Physical Aggregation Mechanisms in the Canyons of the New England Continental Shelf Break Using Broadband Acoustic Techniques
- Modeling as a Tool to Better Understand Bay Scallop Recruitment and to Manage Bay Scallop Populations
- *Giardia* and *Cryptosporidium* in Cape Cod Seals and Their Flounder Prey: Issues of Fish, Seal, Fisherman and Consumer Health
- Ocean Acidification Impacts on Larval Shell Formation by Commercial Shellfish Species of New England: An Experimental Investigation
- Developing New Institutions for Managing Ocean Zoning
- Mitigating Risk to Whales from Lobster Fishing



Woods Hole Sea Grant Program
193 Oyster Pond Road, MS #2
Woods Hole, MA 02543-1525



Request for Pre-Proposals

Woods Hole
Oceanographic Institution
Sea Grant Program

2012—2014
Omnibus Proposal

Pre-proposals due:
February 22, 2011
5 p.m. (FIRM)