

Shellfish Restoration and Nitrogen Cycling in Estuarine Environments Workshop Registration Form

*What is the Science?*

Register before May 6, 2009

Name: \_\_\_\_\_  
Position/Title: \_\_\_\_\_  
Company/Municipality: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Cell: \_\_\_\_\_  
Email: \_\_\_\_\_  
Number of Attendees: \_\_\_\_\_  
Workshop Fee: \$35.00 \_\_\_\_\_

Amount Enclosed = Number of Attendees x Workshop Fee: \_\_\_\_\_ Purchase orders accepted.

**Please make check payable to Barnstable County**

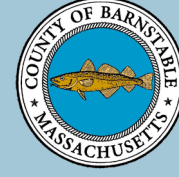
**Mail to: Shellfish Restoration Registration, Cape Cod Cooperative Extension, PO Box 367, Barnstable, MA 02630-0367**



Cape Cod Cooperative Extension  
Deeds and Probate Building  
PO Box 367, 3195 Main Street  
Barnstable, MA 02630-0367  
[www.capecodextension.org](http://www.capecodextension.org)

Barnstable County

Cape Cod Cooperative Extension



Shellfish Restoration and  
Nitrogen Cycling in  
Estuarine Environments

*What is the science?*

A One Day Conference

\$35.00

9:00 AM to 4:00 PM

Friday, May 8th 2009  
Courtyard by Marriott – Hyannis, MA

Register before May 6, 2009

508-375-6690

**8:30 Registration**

**9:15** What is nitrogen, its sources, and how does it enter our estuaries (25 min)  
**Sue Rask** – Barnstable County Department of Health and Environment

**9:40** The fate and impact of nitrogen in estuarine environments (25 min)  
**Dr. Ivan Valiela** – The Ecosystems Center, Marine Biological Laboratory

**10:15 Break**

**10:30** The potential environmental effects of shellfish culture in our estuaries (30 min)  
**Dr. Mike Rice** – University of Rhode Island

**11:00** Studies conducted on Cape Cod – Will it work? Mitigating the effects of excess nutrients in coastal waters through bivalve aquaculture and harvesting (25 min)  
**Dr. Hauke Kite-Powell** – Woods Hole Oceanographic Institution

The influence of oysters (*Crassostrea virginica*) on coastal water quality and the potential for water quality improvement (25 min)

**Dr. Heidi Clark** – Woods Hole Group

**12:00 Discussion and questions (Panel)**

**12:30 Lunch**

*Lunch provided*



Conference co-sponsored by:

Cape Cod Cooperative Extension, Woods Hole Oceanographic Institution Sea Grant Program, the Barnstable County Coastal Resources Committee and the Barnstable County Shellfish Advisory Committee

**1:45** Developing large quantities of oysters for restoration (remote-set techniques) (20 min)

**Dick Kraus** – President, Aquacultural Research Corporation

**2:15** Local Oyster Restoration Projects  
Barnstable County research and municipal projects using remote-set oysters (20 min)

**Diane Murphy**, Cape Cod Cooperative Extension and Woods Hole Sea Grant

MA Audubon's oyster reef restoration in Wellfleet Harbor (20 min)

**Bob Prescott** – Director, MAS Wellfleet Sanctuary

**3:00** Oyster gardening in Rhode Island (25 min)

**Dr. Dale Leavitt** – Rodger Williams University

**3:30** Permitting and issues of shellfish restoration projects in Massachusetts (15 min)

**Mike Hickey**, Chief Biologist – MA Division of Marine Fisheries

**3:45** Discussion and questions (Panel)

**4:00 Conference ends**