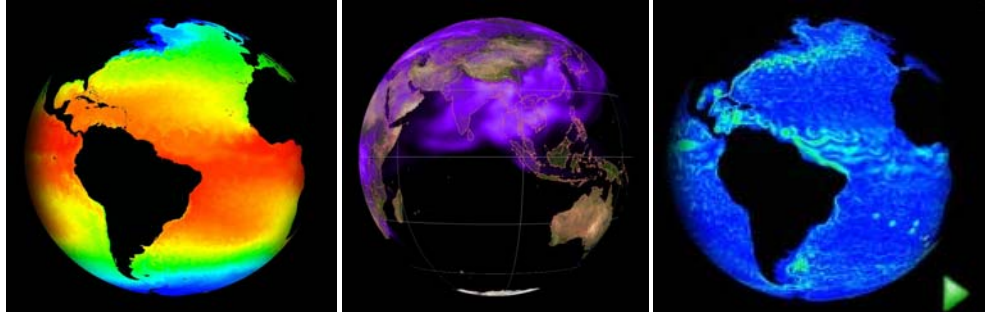




# CONNECTING OCEANS ACADEMY

## Earth, Wind, and Waves



### 15 PDP Certificate in: Physical or Earth Science

Tuesday, Wednesday, and Thursday, July 13-15, 2010  
From 9:00 am – 2:30 pm

Fairhaven High School  
Room # 208  
12 Huttleston Avenue (Route 6), Fairhaven, MA 02719

Earthquakes, Cyclones, and Tsunamis, Oh my! In this Institute, local master science teachers will lead teachers through an exploration of wave phenomena in the Earth and physical sciences. The study of transfer of energy through the three phases of Earth will be used to learn new content, develop lessons, and create activities using hands-on learning, inquiry, and technology. Instructors and participants will use both wet lab facilities and the Science on a Sphere<sup>®</sup> (SOS). The institute topic will benefit science teachers from all teaching levels.

#### Instructors:

- Jeff Moll, Fairhaven High School
- Hugh O'Mara, Global Learning Charter Public School in New Bedford

Upon successful completion of this 15 hour program, participants will receive a Certificate for 15 Professional Development Points (PDP's) from UMass Dartmouth as well as classroom supplies and curriculum resources valued at \$50.

Visit ([oceanexplorium.org](http://oceanexplorium.org)) for other educational program titles, updates and schedule listings. You may also access selected Connecting Oceans Academy standards-based curricula modules and other free educational downloads at [oceanexplorium.org](http://oceanexplorium.org).



**Connecting Oceans Academy**  
**Earth, Wind and Waves**  
**15 – PDP Program in Physical or Earth Sciences**  
**July 2010**  
**Registration Form**

To register for these 15 hour / 15 PDP Content Institutes, please contact Ellen Dion by e-mail to [edion@oceanexplorium.org](mailto:edion@oceanexplorium.org), by phone to (508) 994-5400, by fax to (508) 994-6623, or by mail to New Bedford Oceanarium, P. O. Box 1906, New Bedford, MA 02741.

**ECHO requires that preference must be given to urban, underserved or high-needs districts**

***Please provide an e-mail address because course documents, correspondence and notices are sent electronically.***

Name: \_\_\_\_\_ Are you a past COA Fellow?  Y  N

Home Address: \_\_\_\_\_

City, State and Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Primary E-mail: \_\_\_\_\_

School Name: \_\_\_\_\_

School Address: \_\_\_\_\_

City, State and Zip: \_\_\_\_\_

School Phone: \_\_\_\_\_

Secondary E-mail: \_\_\_\_\_

Grade Level(s) and Content Area you teach: \_\_\_\_\_

\_\_\_\_\_ **Earth, Wind and Waves; 15 PDP's in Physical or Earth Sciences**

**Instructors: Jeff Moll, Hugh O'Mara, Dr. David Welty & Jack Crowley**

**Location: Fairhaven High School, Room # 208  
12 Huttleston Avenue (Route # 6), Fairhaven, MA 02719**

July 13 – 15 : Tuesday, Wednesday and Thursday from 9:00 am to 2:30 pm

**Upon successful completion of a 15-hour program, participants will receive a certificate for 15 Professional Development Points (PDP's) from UMass Dartmouth as well as classroom supplies and curriculum resources valued at \$50.**

Light food and beverages will be provided at all meetings.