



Community College Faculty Summer Teaching Institute

Climate change and eutrophication in coastal
and marine ecosystems

COSEE PACIFIC
CENTERS FOR OCEAN SCIENCES
EDUCATION EXCELLENCE

August 23rd – 26th
2010

WHAT: A teaching institute to help bring marine science into community college classrooms

WHERE: Shannon Point Marine Center, Western Washington University (Anacortes, WA)

WHEN: August 23rd – 26th (Mon – Thurs), 2010

OVERVIEW

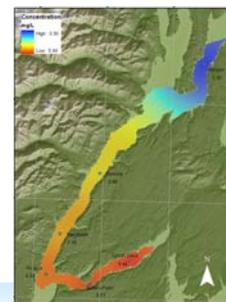
Coastal and marine ecosystems are undergoing dramatic changes as a result of shifts in climate and other anthropogenic perturbations. Understanding these processes and increasing awareness of these issues is a critical challenge facing both scientists and educators.

This institute will bring together community college educators and scientists who are conducting marine and climate research. During the institute, participants will engage with researchers, evaluate teaching materials, and participate in experiential learning activities.

Meals, on-site housing, and a stipend of \$100/day will be provided for all participants.

Specific content of the institute will include:

- Presentations by scientists conducting research on ocean acidification, effects of climate change on intertidal ecosystems, coastal hypoxia, harmful algal blooms, and ocean observing systems;
- Lecture and teaching materials on these topics for incorporating into your own science classes;
- Experiential lab and field activities focused on topical issues in marine science and in support of lecture material;
- Introduction to the use of Adobe Illustrator to create conceptual models as a teaching and science communication tool;
- Group activities focused on pedagogy and course design to help incorporate workshop content into your science courses.



APPLICATION PROCESS

Although there is no formal application deadline, review of applications will begin June 23rd and continue on a rolling basis until the workshop is full.

For more information or application materials, please contact:

Jude Apple

Shannon Point Marine Center

1900 Shannon Point Road

Western Washington University

Anacortes, WA 98221

(360) 293-2188 x268

jude.apple@wwu.edu

<http://www.wwu.edu/spmc>



Shannon Point Marine Center is located on an 80-acre preserve just west of Anacortes. The property overlooks the San Juan Islands and will be an ideal location for this teaching retreat.