



The Ocean: What Every Student Should Know

A Geophysical Information for Teachers (GIFT) Workshop Honolulu - February 2006



Centered in the vast Pacific Ocean, the state of Hawai'i has a special relationship with our watery planet. From the earliest Polynesians bravely voyaging across an often treacherous sea, to the current inhabitants prospering through the popularity of their spectacular beaches and reefs, the people of Hawai'i have experienced first-hand both the bounty of the ocean and its hazards. Hawai'i's economic vitality flows directly from the recreation, transportation, and fisheries offered by the ocean. But the Islands also face significant threats from the ocean, in the form of hurricanes nurtured through ocean-atmosphere interactions, and tsunamis spawned by offshore landslides. Since World War II, scientists have made tremendous progress in exploring and understanding the many processes and interactions that underlie the immense power and vitality of the ocean. With this knowledge has come the recognition that the ocean is not infinite and that, increasingly, mankind's activities place substantial stresses on its treasures. New strategies for exploring, benefiting from, and preserving our ocean are needed to sustain this magnificent environment for future generations. Educating today's students about our Ocean Planet is key to achieving this goal.

This February, over 3,000 marine, aquatic, and atmospheric science researchers from around the World will converge in Honolulu to attend the biannual Ocean Sciences Meeting, jointly sponsored by the American Geophysical Union (AGU), the American Society of Limnology and Oceanography (ASLO), and The Oceanography Society (TOS). Since 1991, AGU has offered Geophysical Information for Teachers (GIFT) Workshops - professional development opportunities that allow science teachers to learn about the latest research in the Earth and space sciences from prominent scientists engaged in making the most recent discoveries and to actively engage in classroom activities that tie to this cutting-edge research. We are pleased to invite you to participate in this year's Ocean Sciences GIFT Workshop.

When & Where:

Tuesday & Wednesday, February 21-22, 2006

8:00 AM – 3:30 PM Each Day

Honolulu Convention Center, Honolulu, HI

The 2006 Ocean Sciences GIFT Workshop is intended for middle and high school science educators. This Workshop will focus on the topic of Ocean Science Literacy and feature several prominent scientists discussing their current research and exploration in the ocean. Participants will learn how to use hands-on, inquiry-based activities that use ocean-related concepts as examples for teaching physical and biological science standards and leave with curricular materials and resources for their classroom. The workshop is **FREE** for teachers who register by **Friday February 17, 2006**. Space is limited to 50 participants and will be assigned out on a first-come, first-served basis. Complimentary breakfast and lunch is included both days.

Participating teachers will also be provided with complimentary meeting registrations in order to attend the technical presentations and Exhibit Hall of the Ocean Sciences Meeting on Wednesday afternoon. This Workshop is co-sponsored by AGU, the National Oceanographic and Atmospheric Administration (NOAA) Office of Ocean Exploration, and the National Science Foundation (NSF) Centers for Ocean Sciences Education Excellence (COSEE).

More information about the detailed program can be obtained from Charles Dorch, AGU Outreach Assistant, at cdorch@agu.org or 1-800-966-2481 ext. 515. Complete registration information is available on the back of this flyer.





“The Ocean: What Every Student Should Know”

**2006 Ocean Sciences Geophysical Information for Teachers (GIFT) Workshop
21-22 February 2006; Honolulu Convention Center – Honolulu, HI**

To register for the 2006 Ocean Sciences GIFT Workshop, please submit your registration electronically at this web site: www.agu.org/meetings/os06/ (look under the Education, Outreach & Careers section to find the GIFT Workshop registration information) or by mailing or faxing the following information to:

Outreach
American Geophysical Union
2000 Florida Ave., NW
Washington, DC 20009

Phone 1-800-966-2481 x 515
FAX 1-202-328-0566
E-mail: outreach@agu.org

It is strongly advised that you submit your registration information electronically. Confirmation of your Workshop registration, along with additional information about the program, will be sent to you soon after this information is received at AGU Headquarters.

REGISTRATION RECEIPT DEADLINE IS FEBRUARY 17, 2006

**2006 Ocean Sciences GIFT Workshop
Registration Information**

Name Grade Level Taught
School
School Address
City State Zip Code
Home Address
City State Zip Code
School Phone Home/Cell Phone Fax
E-mail

Will you require any special accommodations related to disabilities (e.g., hearing or visual) in order to attend this Workshop? YES NO If Yes, please specify your needs:

How did you hear about this year’s GIFT Workshop?

Do you plan to attend both days of the Workshop? YES NO

Would you be interested in receiving Continuing Education Unit credits (or the equivalent) for your participation in this Workshop if this can be arranged (a small fee would be assessed)? YES NO

Acknowledgments. The 2006 GIFT Workshop is being co-sponsored by AGU, the NOAA Office of Ocean Exploration, and the NSF Centers for Ocean Sciences Education Excellence (COSEE).