



Why Explore?

All life on Earth relies on the ocean—yet, the ocean is 95 percent unexplored, largely unknown and mostly unseen by human eyes...

To understand, manage and protect the ocean and its resources, NOAA believes it is critical to support a systematic program of ocean exploration, using the best of ocean technology to explore, discover, inform, educate, and motivate.

The NOAA Ship *Okeanos Explorer* is a new and valuable asset with great potential to help us understand more about our largely unknown ocean.



NOAA Ship *Okeanos Explorer*: America's Ship for Ocean Exploration. Image credit: NOAA. <http://oceanexplorer.noaa.gov/okeanos/welcome.html>

National Oceanic and Atmospheric Administration (NOAA)
Office of Ocean Exploration and Research

Online Professional Development

for Educators of All Grade Levels

Why Do We Explore?

June 21 – July 2, 2010

in partnership with
the College of Exploration

Join NOAA's Office of Ocean Exploration and Research for the second in a series of educator professional development opportunities focused around NOAA's new ship and America's Ship for Ocean Exploration, the *Okeanos Explorer*. This offering will introduce the new *Okeanos Explorer* Education Materials Collection built around the themes: **Why Do We Explore?**, **How Do We Explore?** and **What Do We Expect to Find?** Ocean explorers and education facilitators will work with participants to delve into the benefits of ocean exploration targeting climate change, energy, human health and ocean health. Interact with ocean explorers, converse and share classroom applications with other educators, and find a wealth of multimedia resources. We will introduce the first in a series of Leader's Guides for Classroom Explorers entitled *Why Do We Explore?*, with its companion Initial Inquiry Lesson, *To Boldly Go...*, as well as additional lesson plans and other resources.

Speakers include:

- **Dr. Charles Fisher:** Professor of Biology, Eberly College of Science at The Pennsylvania State University
- **Dr. Shirley A. Pomponi:** Executive Director, Harbor Branch Oceanographic Institution at Florida Atlantic University
- **Dr. Edith Widder:** Cofounder and President, Ocean Research and Conservation Association (ORCA)

The workshop is free for all participants and will be available 24 hours a day, 7 days a week. Educators will have the option to receive one graduate credit (\$90 for the credit) or obtain a certificate of completion.

To register go to:
<http://www.coexploration.org/oe/>