



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

Online Professional Development 2014

in partnership with
the College of Exploration

for Educators, Scientists, Policy Makers and Interested Public

Deep-sea Discoveries in the Atlantic
Onboard the NOAA Ship *Okeanos Explorer*:

An Online Workshop to Advance Transatlantic Ocean Science Literacy

March 3 – April 4, 2014

During the 2013 field season, the NOAA Ship *Okeanos Explorer* explored a variety of seafloor features and biological communities among largely unexplored canyons in the Northeast Atlantic Ocean, providing new information about how these canyons change over time and revealing hot spots for biodiversity. From July to August, an interdisciplinary team of scientists together with ocean educators and the public were able to observe in real time imagery from the deep Atlantic using NOAA's new remotely-operated vehicle *Deep Discoverer*. This workshop will focus on mission discoveries, including the importance of deepwater canyons, their associated deep-sea corals, newly-discovered cold methane seeps, and *Mytilus* Seamount. Join keynote speakers, ocean explorers, scientists, ocean science educators and others interested in learning more about the deep Atlantic as you gain access to online teaching resources, ROV highlight videos, multimedia resources and join in conversations with colleagues from around the world.

Keynote Speakers

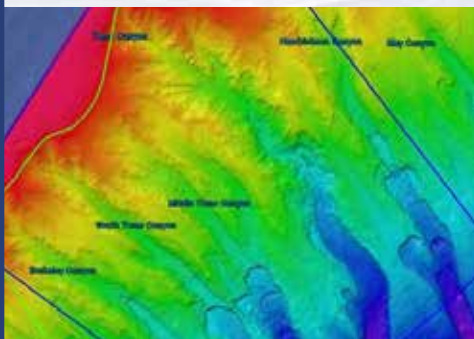
- **Dr. Tim Shank**, Deep-sea Biologist,
Woods Hole Oceanographic Institution and NOAA OER Chief Scientist
- **Dr. Martha Nizinski**, Zoologist,
National Systematics Laboratory, NOAA Northeast Fisheries Science Center
- **Andrea Quattrini**, Marine Biology PhD student, Temple University
- **Dr. Carolyn Ruppel**, Geophysicist, U.S. Geological Survey, Woods Hole Field Center

The last two weeks of this online workshop (March 24-April 4) extend the conversation to a broader discussion of transatlantic ocean science research and education, building a foundation on which to continue the dialogue on transatlantic ocean literacy. We hope to foster exchanges within a community-based learning environment among educators, scientists, and others representing many countries who are interested in further defining/describing the priority areas of focus for transatlantic ocean literacy. The presentations and discussions will be threefold: Transatlantic Ocean Literacy, Then, Now and In the Future.

Educators will have the option to earn one graduate credit.

To register go to:

<http://www.coexploration.org/oe2014/>



Top to bottom: The NOAA Ship *Okeanos Explorer*: America's Ship for Ocean Exploration; the control room onboard the *Okeanos Explorer*; an octopus hiding; composite multibeam image of Tom's Canyon Complex; NOAA OER's new ROV, *Deep Discoverer*. All images courtesy NOAA.