



Top to bottom: The NOAA Ship *Okeanos Explorer*: America's Ship for Ocean Exploration; Bathymetric image of a crater located on the eastern ridge off Maro Reef; the Control Room aboard the *Okeanos Explorer*; a jellyfish, genus *Crossota*, seen in the Marianas Trench Marine National Monument at a depth of around 3,700 meters; NOAA OER's new ROV, *Deep Discoverer*. All images courtesy NOAA.



NOAA Ship *Okeanos Explorer* Education Materials Collection

Exploring the Deep Ocean with NOAA

Professional Development

for Educators of Grades 6-12

Saturday, June 20, 2017

8:00 am - 4:00 pm

In Partnership with and Hosted by
Science and Technology Education Center
Louisiana Tech University
Ruston, Louisiana

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

An essential component of the National Oceanic and Atmospheric Administration's (NOAA's) Office of Ocean Exploration and Research (OER) mission is to enhance ocean science literacy and enhance understanding why it is important to explore our little-known ocean world. To help fulfill this mission, the *NOAA Ship Okeanos Explorer Education Materials Collection* was developed to encourage educators and their students to become engaged with expeditions and discoveries made by the NOAA Ship *Okeanos Explorer*—America's first Federal ship dedicated to ocean exploration.

Educators are invited join NOAA OER staff to learn more about the importance of ocean exploration and the current technologies used to explore the deep ocean. This 7-hour Professional Development will introduce standards-based, hands-on activities and other online resources that guide classroom teaching and learning. Ocean health, unique underwater habitats, underwater mapping and remotely-operated vehicles are just a few of the topics to be addressed.

Registration is required and space is limited. Educators will receive the *NOAA Ship Okeanos Explorer Education Materials Collection Volume 1: Why Do We Explore?* and *Volume 2: How Do We Explore?*, additional resources, a NOAA Ocean Exploration Certificate of Participation, continental breakfast and lunch and tour of a local research vessel.

Lessons are designed for grades 6-12 but many activities can be scaled to suit educator needs.

Registration Deadline is May 30, 2017

Contact Stephanie Smith for information:
educationprograms@auduboninstitute.org or (504) 378-2639

oceanexplorer.noaa.gov