



NOAA Ship Okeanos Explorer Education Materials Collection

Why Do We Explore?

Professional Development - Part One

for Educators of Grades 5-12

Saturday, January 23, 2016

8:00 am - 4:00 pm

In Partnership with
the Audubon Aquarium of the Americas and
Hosted by the Science and Technology Education Center
Louisiana Tech University
Ruston, LA

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 NOAA's Office of Ocean Exploration and Research (OER) mission is to enhance ocean science literacy and to build interest in careers that support ocean-related work. To help fulfill this mission, the *Okeanos Explorer Education Materials Collection* was developed to encourage educators and students to become engaged in real time with the voyages and discoveries of the NOAA Ship *Okeanos Explorer*—America's first Federal ship dedicated to Ocean Exploration. Join NOAA OER Facilitator Connie Leverett, as you are introduced to Volume 1 of the *Okeanos Explorer Education Materials Collection: Why Do We Explore?* Participants will learn how to use standards-based lessons and other online resources that guide classroom inquiries into important reasons for ocean exploration including Climate Change, Energy, Ocean Health and Human Health. This is Part One of a two-part professional development series. Part Two will be offered at a later date.

Registration is required and space is limited. Educators attending the full day will receive Volume 1 of the *Okeanos Explorer Education Materials Collection, Why Do We Explore?*, other resources, a NOAA Ocean Exploration Certificate of Participation, a continental breakfast and lunch. Those educators attending Part One and Part Two will receive a \$100 stipend.

Registration Deadline is January 4, 2016

Contact Tricia LeBlanc for information:

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oceanexplorer.noaa.gov

Top to bottom: The control room on the NOAA Ship *Okeanos Explorer*; the ROV *Deep Discoverer* on the back deck; a dumbo octopus 2000 m down in the Gulf of Mexico; a brisingid seastar resting on bubblegum coral in a canyon off the Northeast US coast; ROV *Deep Discoverer* suspended over a natural asphalt extrusion on the seafloor; the NOAA Ship *Okeanos Explorer*. All images courtesy NOAA.