



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



NOAA Ship *Okeanos Explorer* Education Materials Collection

How Do We Explore?

Professional Development - Part Two

for Educators of Grades 5-12

Saturday, March 19, 2016

8:00 am - 4:00 pm

In Partnership with and Hosted by
South Carolina Aquarium
Charleston, South Carolina

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

Join NOAA's Office of Ocean Exploration and Research's Connie Leverett as you are introduced to Volume 2 of the *Okeanos Explorer Education Materials Collection: How Do We Explore?* Learn how to use standards-based lessons and online resources that guide classroom discovery into the innovative exploration strategies, underwater robots and other ocean tools used onboard the NOAA Ship *Okeanos Explorer*. Topics include selecting sites for exploration in a largely unknown ocean, underwater mapping, and exploring the water column. Deep ocean exploration with remotely operated vehicles and telepresence technology that enables participation during ocean exploration missions from shore in real time is also addressed. This is Part Two of a two-part professional development series, Part One in which you should have already participated. If space is available, educators who have not yet participated in Part One are welcome to register for Part Two.

Registration is required and space is limited. Educators attending the full day will receive Volume 2 of the *Okeanos Explorer Education Materials Collection, How Do We Explore?*, other resources, a NOAA Ocean Exploration Certificate of Participation, a continental breakfast, and lunch. Educators who have completed both *Why Do We Explore?* (Part One) and *How Do We Explore?* (Part Two) will receive a \$100 stipend.

Registration Deadline is February 29, 2016

Contact Jaime Thom for information:
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oceanexplorer.noaa.gov