



**Scientist in Every
Florida School**
Thompson Earth Systems Institute

To learn more about the Scientist in Every Florida School program visit: bit.ly/SEFSsite.

To learn more about ANGARI Foundation visit: angari.org/education-outreach.

Research Vessel Operations

Ocean Expert Exchange: Research Vessel Ops Edition
A livestream session with Captain Angela Rosenberg
ANGARI Foundation President and Captain of R/V ANGARI
Monday, May 11th, 2020 at 3 PM EST

Speaker Bio: Angela combined her love for the ocean, marine science and boating to create ANGARI Foundation. She is the Foundation President and Captain of their 65-ft research vessel *ANGARI* that was repurposed for research under her guidance. Onboard research has included diverse areas of study, like sharks, turtles, coral reefs, fish, water chemistry, ocean currents and plankton. Angela has extensive knowledge and experience in boating and holds a U.S.C.G. Merchant Mariner 100 ton license and STCW and Marine Security credentials as well as several SCUBA certifications.

Prior to ANGARI Foundation, Angela developed and implemented international scientific expedition, education and outreach programs for a Miami-based nonprofit that works with the yachting industry. Prior to this, Angela worked as a marine scientist conducting field and laboratory research related to shallow and deep-water corals, aquaculture, geochemistry, paleoceanography, climate change, ocean acidification, trace metals and seafloor mapping. Angela earned a M.B.A. from the University of South Carolina and a M.S. in Marine Geology and Geophysics and a B.S. in Marine Science and Biology from the University of Miami.

Supplemental Resources:

- Video Short - ANGARI Foundation [R/V ANGARI Vessel Tour](#) (K-12 resource)
- Reading Reference - ANGARI Foundation [R/V ANGARI Expeditions](#) (Secondary resource)
- 360/VR Expedition - ANGARI Foundation [Generation Ocean: Coral Reefs](#) (K-12 resource)
- Lesson - Consortium for Ocean Leadership [Careers At Sea](#) (K-12 resource)
- Reading Reference - NOAA [Ocean Exploration Career Profiles](#) (K-12 resource)
- Lesson - Mississippi DOT [Design a Boat Challenge](#) (K-12 resource)
- Lesson - Oregon State University [Mission Submersible](#) (Secondary resource)
- Materials Collection - NOAA *Okeanos Explorer* [How Do We Explore?](#) (Secondary resource)
- Reading Reference - Coast Guard Foundation [Boating Safety Guide](#) (K-12 resource)
- Activity - Animated Knots [Boating Knots - Uses and Demos](#) (K-12 resource)

Enjoy!

Stephanie Killingsworth & Brian Abramowitz
Scientist in Every Florida School
K-12 Education and Outreach Coordinators

Amanda Waite, PhD
ANGARI Foundation
Director of Science Education & Advancement