



## ***Wrecks of the Semi-Deep: Classroom Connection Events***

What mysteries lie in the ocean's "mesophotic zone"? Why haven't we explored it more? Join a team of scientists and engineers in a 45-minute, interactive discussion to find out more and ask your questions!

Much of the seafloor of the Gulf of Mexico is in depths where sunlight just barely reaches, a zone that scientists call the mesophotic (meaning "middle light"). This zone, between 30-150 meters (~100-500 feet), is deeper and darker than the well-lit shallows easily reached by many scuba divers, but not as deep as the pitch-black depths where remotely operated vehicles (ROVs) usually explore. Because of this, we know remarkably little about what mysteries lie in the "semi-deep" mesophotic.

This past summer, archaeologists and biologists from the Bureau of Ocean Energy Management, Woods Hole Oceanographic Institution, and the University of Rhode Island (URI) ventured 100 miles offshore to **survey and 3D-map a series of mesophotic shipwrecks** and rocky outcroppings, learn more about the wrecks, and explore what life is growing on them. During the expedition, they used an ROV outfitted with 4K video cameras to document and map these wrecks of the "semi-deep".

Explore with us! The URI Inner space Center (ISC) is hosting **FREE, interactive classroom-connection events** where teachers and students can **engage with the scientists, archaeologists, and engineers** that sailed on this expedition! Learn more about technologies used and discoveries made, and **ask the experts your questions!** A short, introductory video and other resources will be shared with registered classes in advance.

**These 45-minute, live broadcasts will take place on:**

- Wednesday, November 9, 2022 at 12pm ET/11am CT
- Thursday November 10, 2022 at 11am ET/10am CT
- Tuesday, November 15, 2022 at 10am ET/9am CT
- Wednesday, November 16, 2022 at 12pm ET/11am CT

**Registration is required.** Please read and complete [this online registration form](#). Please note, connection events will be streamed through YouTube; check your local firewall and other internet permissions to make sure your school/classroom can connect and access the broadcast. You will be able to type questions into the chat box feature on YouTube, and we will select and ask the experts some of your questions during the program!

Questions? Please contact Holly Morin ([holly\\_morin@uri.edu](mailto:holly_morin@uri.edu)).