



OCEAN EXPLORATION & MARINE TECHNOLOGY EDUCATOR WORKSHOP SERIES

ABOUT THE WORKSHOP SERIES

In collaboration with NOAA Ocean Exploration, the MATE ROV Academy is providing FREE professional development on marine technologies for educators. This three-part workshop series is intended to bridge the knowledge gap between ocean sciences and marine technologies by offering technical training that compliments workshop experiences provided by NOAA Ocean Exploration.

Ocean Exploration & Marine Technology

Instructor badge credentials will be offered for completion of the three-part workshop series by MATE and NOAA Ocean Exploration, with material support funded for educators by a grant from the National Marine Sanctuary Foundation under Federal Award NA24NOSX429C0001-T1-01.

- ✓ **NOAA Ocean Exploration** Oases of Life: Seamounts and Deep-Sea Corals Workshop
📅 April 2026 📍 Hilo, Hawaii
- ✓ **MATE ROV Academy:** Introduction to ROVs
📅 August 2026 📍 Online Course ⌚ 15 hr
- ✓ **MATE ROV Academy:** ROV-Building Workshop
📅 November 2026 📍 Hilo, Hawaii ⌚ 16 hr



ABOUT NOAA OCEAN EXPLORATION

Learn how to bring deep-sea topics alive in the classroom at one of the NOAA Ocean Exploration professional development workshops for educators (grades 6-12). Workshops introduce participants to ocean exploration tools and technologies, demonstrate a variety of hands-on lessons and student investigations designed to guide students' sensemaking of deep-sea phenomena, and explore additional free, online ocean exploration education resources.

ABOUT MATE ROV ACADEMY

The MATE ROV Academy supports the professional development and training of K12 teachers to deliver impactful experiences and meet the needs of learners as they engage with technical concepts key to careers in ocean STEM. Activities include professional development workshop training and online learning with course topics such as engineering design, electricity and circuits, buoyancy and payloads. Participants leave with certificates and digital badges as the manifestation of the skills and experiences gained.

ABOUT MATE ROV COMPETITION

The MATE ROV Competition uses remotely operated vehicles (ROVs) to inspire and challenge students to learn and creatively apply science, technology, engineering, and math (STEM) to solve real-world problems and strengthen their critical thinking, collaboration, entrepreneurship, and innovation, preparing them for ocean careers.

LEARN MORE



OCEAN EXPLORATION



National Marine Sanctuary Foundation

