

Name of Submitter: Erin Moran

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Presentation Title: *From Sensors to Students: Connecting Coastal & Marine Research and Classroom Learning*

MarineQuest bridges the gap between coastal and marine research and the K-12 classroom by transforming authentic research into hands-on, inquiry-driven and place-based learning experiences. This presentation highlights strategies for connecting students with real-world science, data and scientific tools while making research relevant to their local communities. Using a coastal flood resilience project in Wilmington, North Carolina, as a case study, participants will explore how real-time water-level data and monitoring technology were brought into an elementary classroom. The presentation will highlight practical approaches for translating current research into meaningful classroom experiences and engaging students with the science happening in their own backyards

Presentation Target:

All Audiences

Presenter(s):

1. Erin Moran, MarineQuest at University of North Carolina at Wilmington