2017 NERRS Science Collaborative Research and Integrated Assessment Projects*

Project Lead and Affiliation	Project Title	Participating Reserve(s)
Kristi Arend, Old Woman Creek NERR	How much can coastal wetlands contribute to the reduction of nutrient loading to Lake Erie? Quantifying nutrient retention by coastal wetlands for guiding restoration and management.	Old Woman Creek (OH)
Kenny Raposa, Narragansett Bay NERR	Thin-layer sediment placement: evaluating an adaptation strategy to enhance coastal marsh resilience across the NERRS	Great Bay (NH), Waquoit Bay (MA), Narragansett Bay (RI), Chesapeake Bay (MD), Chesapeake Bay (VA), North Carolina (NC), San Francisco Bay (CA), Elkhorn Slough (CA)
Daniel Rogers, Stonehill College	Evaluating effectiveness of different oyster aquaculture strategies for nitrogen loading remediation to inform end user decisions to restore water quality	Waquoit Bay (MA)
Amanda Spivak, Woods Hole Oceanographic Institution	Evaluating the impact of hydrologic alterations on salt marsh sustainability in a changing climate	Waquoit Bay (MA)
Coowe Walker, Kachemak Bay NERR	Collaborative Tool Development for Promoting Resilient Groundwater Resources and Holistic Watershed Management at the Kachemak Bay NERR	Kachemak Bay (AK)
Alison Watts, University of New Hampshire	New technology for old problems – Using DNA methods to monitor invasive species and biodiversity in estuarine systems	Great Bay (NH), South Slough (OR), Wells (ME)

These projects have been recommended to NOAA for funding; grant awards are contingent upon the findings of NOAA environmental compliance reviews.