

2018 Coastal Resilience Grant Awards



Growing the Climate in the Classroom School Program in Coastal New Hampshire Communities

Recipient:	New Hampshire Sea Grant/University of New Hampshire Cooperative Extension
Description:	This innovative project will inspire community members to take action and/or support strategies to reduce potential coastal climate impacts in their communities by training middle school teachers to implement the Climate in the Classroom program and educating middle school students, their families, and other community members about climate change and strategies to reduce and adapt to potential coastal community impacts.
Project Timeframe:	January 23, 2019 – June 30, 2020
Federal Grant Award:	\$25,000
Non-Federal Match:	\$12,500
Total Project Cost:	\$37,500
Documents:	Cooperative Project Agreement

A Comprehensive Plan for Resilient Salt Marshes in New Hampshire

Recipient:	Great Bay Stewards, Inc.
Description:	To ensure that New Hampshire salt marshes are resilient in the face of sea-level rise and coastal storm surge, this project will develop a collaborative marsh management and monitoring plan for New Hampshire. This plan will use emerging science, local knowledge, and practical considerations to assess the current condition, vulnerability, and adaptive capacity of each marsh in New Hampshire to present preferred management options.
Project Timeframe:	February 6, 2019 – June 30, 2020
Federal Grant Award:	\$51,795
Non-Federal Match:	\$9,064
Total Project Cost:	\$60,859
Documents:	Grant Agreement

Reconstructing the Lubberland Creek Crossing at Bay Road in Newmarket

Recipient:	Town of Newmarket, NH
Description:	The Town of Newmarket will replace a 36 inch corrugated metal culvert on Lubberland Creek at Bay Road with a sixteen-foot wide and nine-foot tall concrete box culvert. This culvert replacement project will 1) restore aquatic connectivity at the system's tidal/freshwater interface allowing diadromous fish passage at the perched Bay Road culvert; 2) enhance the resilience of the Lubberland Creek salt marsh by removing the existing tidal restriction at Bay Road with a structure that will allow upstream salt marsh migration; and 3) remediate the flood hazard of this road-stream crossing, which overtops during flood events and thereby compromises public safety and contributes excess sediments and nutrients to Great Bay.
Project Timeframe:	April 17, 2019 – December 31, 2020
Federal Grant Award:	\$75,553
Non-Federal Match:	\$37,776
Total Project Cost:	\$113,329
Documents:	Grant Agreement

Funding for these projects was provided by the National Oceanic and Atmospheric Administration Office for Coastal Management under the Coastal Zone Management Act in conjunction with the New Hampshire Department of Environmental Services Coastal Program.

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Leveraging Natural Resources Toward Resilience: Outreach, Restoration and Monitoring for a Resilient Coast

Recipient:	New Hampshire Sea Grant/University of New Hampshire Cooperative Extension
Description:	In order to enhance the ability of coastal landforms to perform ecosystem services and mitigate climate driven threats, this project will 1) develop a technical assistance program to empower coastal New Hampshire landowners to manage their own property to support coastal ecosystems and the benefits they provide; 2) restore eroded sand dunes on the New Hampshire coast to increase resilience; and 3) monitor change in sand dune and salt marsh systems in the Hampton-Seabrook Estuary to understand coastal ecosystem condition and response to storms and sea-level rise.
Project Timeframe:	February 20, 2019 – December 31, 2020 (<i>extended to June 30, 2021</i>)
Federal Grant Award:	\$70,723
Non-Federal Match:	\$35,361
Total Project Cost:	\$106,084
Documents:	Cooperative Project Agreement Amendment 1

2018 Funding Summary

Federal Grant Award:	\$223,071
Non-Federal Match:	\$97,701
Total Funding:	\$317,772

Funding for these projects was provided by the National Oceanic and Atmospheric Administration Office for Coastal Management under the Coastal Zone Management Act in conjunction with the New Hampshire Department of Environmental Services Coastal Program.