

COASTAL ZONE MANAGEMENT IN NEW HAMPSHIRE



The New Hampshire Coastal Program's mission is to maintain a balance between the use and preservation of coastal resources. The program provides funding and staff support to towns and cities, and other local and regional groups who protect clean water, restore coastal habitats, and help make communities more resilient to flooding and other natural hazards.



NEW HAMPSHIRE HAS
235 MILES
OF COASTLINE

The current goals and objectives of the Coastal Program are:

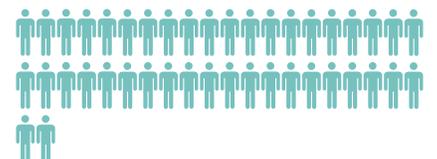
- Informing communities about the threats of coastal hazards and what resources are available to help plan for the impacts of storm surge, sea level rise, and increased flooding.
- Developing planning and implementation projects that reduce future damage from coastal hazards, such as adaptation plans; vulnerability assessments; and culvert assessment, design and replacement projects.
- Implementing projects that have been identified in a polluted runoff management plan, such as green infrastructure projects that manage wet weather to maintain or restore natural hydrology.

FEDERAL FUNDS:	\$965,000
STATE AND MATCHING FUNDS:	\$886,000
TOTAL:	\$1,851,000

Coastal Zone Managements Grants are funded by NOAA and located in the Commerce, Justice, and Science Appropriation Bills.



OVER **\$19 BILLION** OF
N.H.'S G.D.P. COMES FROM
COASTAL ZONE COUNTIES



420,000+ PEOPLE
LIVE IN A NEW HAMPSHIRE
COASTAL ZONE COUNTY

WHERE THE WATER MEETS THE LAND: FEDERAL, STATE AND LOCAL COLLABORATION IN NEW HAMPSHIRE

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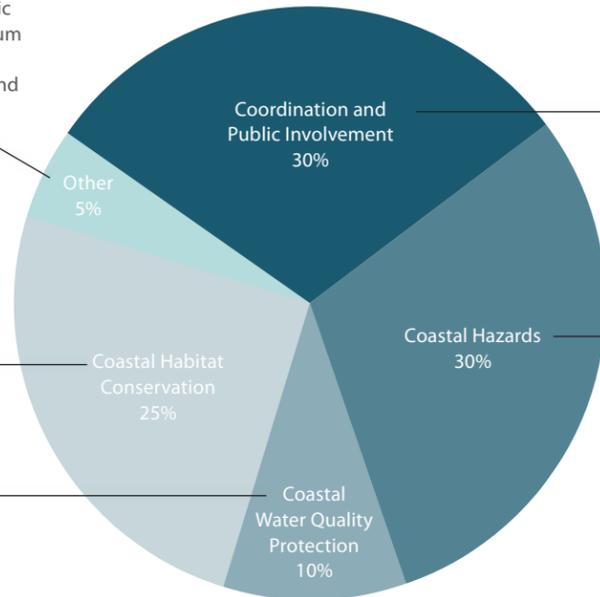
New Hampshire FY 2014 Highlights & Outcomes

The New Hampshire Coastal Program is part of the Department of Environmental Services

1. Established a new Coastal Resilience staff position to focus on improving community resilience.
2. Worked collaboratively with the N.H. Coastal Adaptation Workgroup to help plan, publicize, facilitate and present New Hampshire's first Shoreline Management Conference, which had participants from ten coastal zone communities.
3. Launched Coastal Resiliency Technical Assistance Funding Program to address coastal hazards at the local level, including projects that reduce the risk from future damage, as well as increase public understanding of vulnerabilities and opportunities to reduce risk.
4. Initiated and led the NH Resilient Coasts Project team with the goal of helping municipal leaders, community members and business owners identify and understand coastal resources and hazards as well as ways to reduce their vulnerability. The project enables the project team to learn about how communities want to use and access coastal data and GIS tools in hazards and climate adaptation planning.

In FY 2014, how was the money spent?

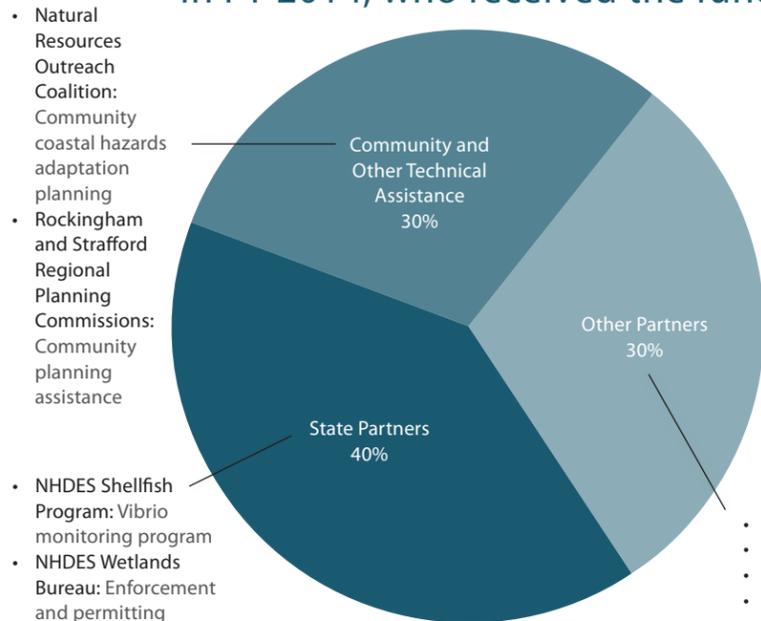
- Regional Ocean Planning: NHCP helped host an ocean planning public meeting as well as participated in an ocean planning stakeholder forum in NH, both of which gave the public an opportunity to talk with and provide input to Northeast Regional Planning Body (RPB) members and Northeast Regional Ocean Council staff.
- NHCP's Coastal Fellow collected and organized existing spatial data for New Hampshire's Hampton-Seabrook and Great Bay estuaries to help increase use and accessibility of this info. The Fellow will continue to assess ecosystem services within the Great Bay estuary. The overall goal is to help improve management decisions.
- With NHCP funds, the Blue Ocean Society for Marine Conservation organized 198 volunteer beach cleanups and removed 9,200 pounds of marine debris from NH's coastal habitat.
- Through NHCP's technical assistance grants program, the Strafford Regional Planning Commission organized and facilitated a public workshop in Newmarket that informed municipal officials and residents on stormwater impacts with 25 participants attending.



- Gulf of Maine Council: The NHCP serves as the 2014-2015 Secretariat of the Gulf of Maine Council, a U.S.-Canadian partnership of government and non-government organizations formed to maintain and enhance environmental quality in the Gulf of Maine. As Secretariat, the NHCP chairs the Working Group, Council Advisory Committee, and Council meetings. The priority for NH's Secretariat year has been an organizational assessment.
- Assisted the Coastal Risks and Hazards Commission, which was established by state legislation in 2013 (with NHCP's input), to help coastal communities and the state prepare for projected sea level rise and other coastal hazards. Staff participated in steering committee meetings, served as the clerk for the Legislative and State Agency Workgroup, presented information on community resiliency, and maintained the Commission's website.



In FY 2014, who received the funds?



- Natural Resources Outreach Coalition: Community coastal hazards adaptation planning
- Rockingham and Strafford Regional Planning Commissions: Community planning assistance
- NHDES Shellfish Program: Vibrio monitoring program
- NHDES Wetlands Bureau: Enforcement and permitting

Other Partners

- Regional Partners:**
- Gulf of Maine Council on the Marine Environment
 - Northeast Regional Ocean Council
 - Northeastern Regional Association of Coastal and Ocean Observing Systems
 - Piscataqua Region Estuaries Partnership
 - Rockingham and Strafford Regional Planning Commissions
 - Seacoast Science Center
 - SeaPlan
 - Southeast Watershed Alliance
 - University of New Hampshire Cooperative Extension
- Local Partners:**
- 42 municipalities in the coastal watershed

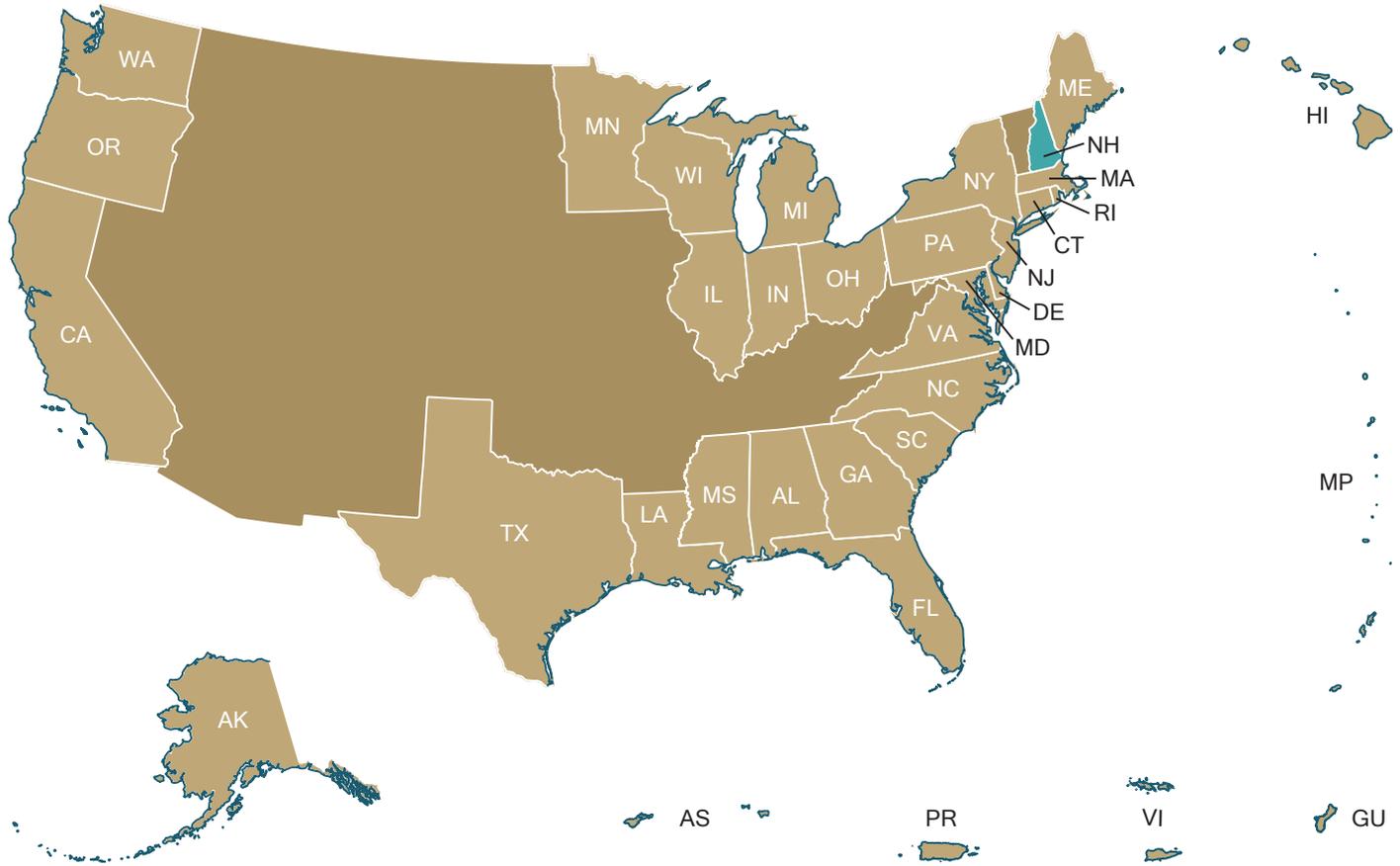
- Federal Partners:**
- Great Bay NERR
 - NH SeaGrant
 - NOAA Office for Coastal Management
 - U.S. Army Corps of Engineers
- State Partners:**
- NH Dept of Environmental Services: Shellfish Program, Dam and Wastewater Engineering Bureaus, Beach Inspection Program, Geological Survey, Watershed Assistance Program
 - NH Dept of Safety, Division of Homeland Security and Emergency Management
 - NH Fish and Game Department
 - Pease Development Authority - Division of Ports and Harbors
 - University of New Hampshire Jackson Lab

- Blue Ocean Society for Marine Conservation: Beach cleanups and pollution prevention education
- Gulf of Maine Council on the Marine Environment: Coordination
- Gundalow Company: Educational programming; speaker series
- The Nature Conservancy: Oyster Conservation Program
- Seacoast Science Center: Marine Mammal Rescue and Response Program in N.H.

KEY PRIORITIES FOR FY 2015

1. Coastal hazards resiliency work, including vulnerability assessments and planning, and modeling for erosion, flooding, sea level rise and storm surge.
2. Technical, planning and grant assistance to municipalities, including projects that address coastal hazards at the local level.
3. Coastal habitat restoration, including the development of tidal culvert assessment protocols.
4. Water quality and stormwater pollution reduction work.

MAINTAINING A VITAL AMERICAN RESOURCE: COASTAL ZONE MANAGEMENT



Over half of Americans live, work and play along the U.S. coastal zone, and our coasts constitute a majority of the nation's economy.

State coastal programs have managed this vital resource since passage of the Coastal Zone Management Act in 1972, coordinating and balancing the needs of diverse stakeholders. From shipping lanes and ports, to bike lanes and parks, our coasts provide resources for a vast range of competing interests vital to our way of life.



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<http://des.nh.gov/organization/divisions/water/wmb/coastal/>