NOAA's National Coastal Zone Management Program

Coastal communities are home to almost 165 million people, support 70 million jobs, and contribute almost \$9.5 trillion to the U.S. economy, accounting for 57 percent of the nation's economic output as of 2013. Recognizing the importance of our coasts, Congress created the National Coastal Zone Management Program in 1972, a voluntary partnership between NOAA and coastal states and territories designed to enhance and protect our coastal resources and communities.

In fiscal year 2015, NOAA invested over \$65 million, allocated through the Coastal Zone Management Act, to implement coastal management programs in the 34 participating states and territories. Federal funding was matched by more than \$51 million from state and local governments and others. These funds are being used to achieve the nation's coastal management goals.



FUNDING SUMMARY 2015

Office for Coastal Management

www.coast.noaa.gov/czm

Planning for Our Ocean and Coastal Waters (\$4.0 million federal; \$6.4 million matching)

Comprehensive ocean planning ensures that ocean uses are balanced to support jobs, reduce use conflicts, and sustain natural resources.

Coordination and Public

Where there is good coordination among agencies and the public, better decision-making results.

State Program Management (\$8.0 million federal; \$12.2 million matching)

10%

5%

13%

13%

State coastal management programs provide the framework needed to carry out national and state coastal priorities.

24%

16%

Protecting and Restoring Coastal Habitat (\$15.2 million federal; \$28.1 million matching)

Coastal habitats buffer communities from storms and are needed to maintain sustainable fisheries, robust recreation and tourism industries, and thriving wildlife populations.

Coordination and Public Involvement (\$9.1 million federal; \$15.3 million matching)

(\$11.4 million federal; \$18.7 million matching)

Mitigating Coastal Hazards

Minimizing risk from coastal hazards such as storms, flooding, erosion, and sea level rise makes communities more resilient.

Promoting Coastal Community Development (\$8.4 million federal; \$15.0 million matching)

Wise development protects coastal character and health and promotes appropriate water-dependent uses and industries.

Enhancing Public Access (\$4.5 million federal; \$11.3 million matching)

10%

9%

Providing public access to the coast delivers substantial economic benefits to coastal communities.

Protecting Coastal Water Quality (\$5.2 million federal; \$10.5 million matching)

Preventing and reducing polluted runoff and marine debris results in coastal waters that are safe for drinking, swimming, and fishing.

Highlights from 2015

ALABAMA

New Stormwater Management Plan for Perdido Beach

This community's stormwater drainage system is outdated and inadequate, resulting in increased flooding, shoreline erosion, and polluted waterways. The Alabama Coastal Management Program awarded a competitive grant to identify and map drainage problems and recommend short- and long-term engineering and policy changes. As a result, Perdido Beach's future will be drier and more productive.

Improving resilience, enhancing water quality, and restoring coastal habitat.

CALIFORNIA

Coastal Flood Risk Study Focused on Nine Bay Area Counties

In the San Francisco Bay area some of the highest density development was built on infill areas, at very low elevation, with minimal shoreline protection. The California Coastal Management Program, working with various communities and partners, is using the Adapting to Rising Tides initiative to address issues related to rising seas and potential flooding. A number of local and regional adaptation planning studies are complete, including one for Alameda County. Efforts for Contra Costa County are underway. These actions are improving the region's resilience to coastal hazards.

NEW HAMPSHIRE

Prioritizing Adaptation Strategies

Many culverts in New Hampshire are undersized, constricting water flow to wetlands and streams and limiting fish passage. Small culverts lack the capacity to move floodwaters during heavy precipitation events, causing road washouts and other damage. Climate change is increasing the frequency and reach of the problem. The New Hampshire Coastal Management Program is working with a local university and local planning commissions to assess culvert capacity under current and future climate conditions to prioritize culvert replacement for 10 coastal communities and identify additional adaptation and mitigation strategies.

Getting Results

Between 2011-2014, the National Coastal Zone Management Program

- Protected over 18,750 acres of coastal habitat
- Restored over 12,000 acres of degraded coastal habitat are under restoration

Worked with more than

- 250 coastal communities to reduce their risk to coastal hazards
- 250 coastal communities to develop in ways that protect community character and health
- 150 coastal communities to redevelop ports and waterfronts
- 200 coastal communities to reduce polluted runoff
- Created over 270 new public access sites
- Enhanced over 1,000 access sites through dune walkovers, boat ramps, fishing piers and other features
- Educated over 900,000 people about coastal issues and trained over 25,000 coastal decision makers
- Leveraged an additional \$108 million to support coastal management