



NFWF



# Grants Announced June 16, 2014 from the Hurricane Sandy Coastal Resiliency Competitive Grant Program

## Connecticut

### Enhancing Mill River's Flood Resiliency and Habitat Corridor

*Mill River Collaborative*

Grant Award:	\$3,750,000
Matching Funds:	\$6,813,425
Total Project Funds:	\$10,563,425

*Project Description:* Increase Mill River's flood resiliency and re-creating a habitat corridor in Stamford, Connecticut. Project will eradicate invasive species, replant native flora, and remove 15 properties from the one percent flood risk area.

*Congressional Districts:* District 4 (CT)

### Restoring Fish Runs and Fragmented Trout Populations by Removing a Fish Barrier

*State of Connecticut*

Grant Award:	\$2,800,000
Matching Funds:	\$1,000,000
Total Project Funds:	\$3,800,000

*Project Description:* Remove a hazardous and unused fish barrier in Enfield, Connecticut. Project will restore 7.7 miles of diadromous fish runs, reunite brook trout populations, and reduce flood hazards.

*Congressional Districts:* District 2 (CT)

### Creating a Regional Framework for Coastal Resilience in Southern Connecticut

*South Central Regional Council of Governments*

Grant Award:	\$700,000
Matching Funds:	\$-
Total Project Funds:	\$700,000

*Project Description:* Establish a Regional Framework for Coastal Resilience for ten municipalities that run along the entire central coast of Connecticut. The municipalities will integrate green infrastructure principles, prioritize projects, and contribute to a Regional Coastal Resiliency Plan.

*Congressional Districts:* District 2 (CT); District 3 (CT); District 4 (CT)

### Developing a Resiliency Management Plan for Pawcatuck River Watershed

*Wood-Pawcatuck Watershed Association*

Grant Award:	\$720,000
Matching Funds:	\$197,869
Total Project Funds:	\$917,869

*Project Description:* Develop a flood and storm resiliency management plan for Pawcatuck River Watershed and 11 communities in southern Rhode Island and Connecticut. Project will aid in the watershed's resiliency enhancement, restore habitat, and protect local communities.

*Congressional Districts:* District 2 (RI), District 2 (CT)

## Delaware

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### **Restoring Delaware Bay's Wetlands and Beaches in Mispillion Harbor Reserve and Milford Neck Conservation Area**

*Delaware Department of Natural Resources*

Grant Award:	\$4,500,000
Matching Funds:	\$1,687,683
<b>Total Project Funds:</b>	<b>\$6,187,683</b>

*Project Description:* Implement a system-wide approach to evaluate, design, and construct restoration and resiliency strategies along the central Delaware Bayshore. Project will enhance community and ecosystem resiliency by generating a restoration plan and restoring the beach and dune system.

*Congressional Districts:* District 1 (DE)

### **Creating a Three Dimensional Wetland Model for the Bombay Hook National Wildlife Refuge**

*University of Delaware*

Grant Award:	\$400,000
Matching Funds:	\$27,000
<b>Total Project Funds:</b>	<b>\$427,000</b>

*Project Description:* Develop a three dimensional wetland model for the Bombay Hook National Wildlife Refuge, Delaware. Project will provide current wetland assessments, help evaluate restoration strategies, and predict the long-term sustainability of the marsh.

*Congressional Districts:* District 1 (DE)

### **Repairing Infrastructure and Restoring Wetlands and Beaches along the Central Delaware Bayshore**

*Delaware Department of Natural Resources*

Grant Award:	\$2,000,000
Matching Funds:	\$2,910,270
<b>Total Project Funds:</b>	<b>\$4,910,270</b>

*Project Description:* Design and construct restoration strategies for Delaware Bay's wetlands and beaches. Project will enhance community and ecosystem resiliency by generating a restoration plan, replacing critical water control structures, and restoring the beach and dune system.

*Congressional Districts:* District 1 (DE)

## Massachusetts

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### **Coastal Resiliency Planning and Ecosystem Enhancement for Northeastern Massachusetts**

*National Wildlife Federation*

Grant Award:	\$2,940,000
Matching Funds:	\$2,268,185
<b>Total Project Funds:</b>	<b>\$5,208,185</b>

*Project Description:* Restore and enhance Great Marsh's wetlands and dunes. Local municipalities' vulnerability will be reduced through restoration projects, assessments, and coastal resiliency plans.

*Congressional Districts:* District 5 (MA); District 6 (MA); District 7 (MA)

**Enhancing Nine Communities, Ecosystems, and Infrastructure Resiliency by Removing Ten Fish Barriers**

*Massachusetts Department of Fish and Game - Division of Ecological Restoration*

Grant Award:	\$4,500,000
Matching Funds:	\$2,506,788
Total Project Funds:	\$7,006,788

*Project Description:* Remove ten high risk fish barriers that cause flood damage within nine Massachusetts communities. Project will increase flood resiliency, open 189 river miles for fish, and restore 90 acres of wetlands. Project will also identify, and develop concept plans for, ten additional high priority barriers.

*Congressional Districts:* District 1 (MA); District 3 (MA); District 4 (MA); District 6 (MA); District 8 (MA)

**Enhancing Wampanoag Tribe of Gay Head's Land Resiliency in Martha's Vineyard**

*Wampanoag Tribe of Gay Head*

Grant Award:	\$670,000
Matching Funds:	\$212,793
Total Project Funds:	\$882,793

*Project Description:* Assess and restore over 230 acres of tribal habitat in Martha's Vineyard, Massachusetts. Management plans and multi-jurisdictional partnerships will support marine protection and habitat restoration.

*Congressional Districts:* District 9 (MA)

**Reusing Dredged Rock to Protect the Boston Harbor Shoreline**

*Massachusetts Division of Marine Fisheries*

Grant Award:	\$240,000
Matching Funds:	\$160,050
Total Project Funds:	\$400,050

*Project Description:* Reuse one million cubic yards of rock to create a protected Boston Harbor shoreline in Massachusetts. Project will reduce wave energy, protect transplanted eelgrass, and repurpose dredged rock.

*Congressional Districts:* District 8 (MA)

**Maryland**

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**Increasing Salt Marsh Acreage and Resiliency for Blackwater National Wildlife Refuge**

*The Conservation Fund*

Grant Award:	\$3,500,000
Matching Funds:	\$1,484,567
Total Project Funds:	\$4,984,567

*Project Description:* Increase salt marsh acreage and enhancing resiliency for Blackwater National Wildlife Refuge and Fishing Bay Wildlife Management Area in southern Dorchester County, Maryland. Project will create 25 acres of new salt marsh, increase salt marsh productivity, and generate an invasive plant eradication map.

*Congressional Districts:* District 1 (MD)

### **Creating a Green Infrastructure Road Map to Protecting the Chesapeake Bay Shoreline**

*The Conservation Fund*

Grant Award:	\$640,000
Matching Funds:	\$222,730
<b>Total Project Funds:</b>	<b>\$862,730</b>

*Project Description:* Map, analyze, and assess Maryland's green infrastructure to enhance the Chesapeake Bay shoreline in Maryland. Project will provide resilience-enhancing opportunities and best practices for local government implementation.

*Congressional Districts:* District 1 (MD); District 2 (MD); District 3 (MD); District 4 (MD); District 5 (MD); District 8 (MD)

### **Increasing Community and Ecological Resiliency by Removing a Patapsco River Fish Barrier**

*American Rivers, Inc.*

Grant Award:	\$2,480,000
Matching Funds:	\$5,287,024
<b>Total Project Funds:</b>	<b>\$7,767,024</b>

*Project Description:* Remove a Patapsco River fish barrier in the Patapsco Valley State Park Avalon area. Project will open 52.5 miles of stream, provide additional spawning habitat, and strengthen community resiliency.

*Congressional Districts:* District 1 (MD); District 2 (MD); District 3 (MD); District 6 (MD); District 7 (MD)

### **Protecting North Beach's Salt Marsh and Emergency Route**

*Town of North Beach, Maryland*

Grant Award:	\$540,000
Matching Funds:	\$76,000
<b>Total Project Funds:</b>	<b>\$616,000</b>

*Project Description:* Create, restore, and improve North Beach's shoreline in Calvert County, Maryland. Project will prevent further erosion to North Beach's 105-acre salt marsh, protect the surrounding communities, and prevent damage to MD Route 261, an emergency vehicle route.

*Congressional Districts:* District 5 (MD)

## **New Hampshire**

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### **Restoring Bellamy River's Fish Passage and Reducing Flooding Through Removal of Two Fish Barriers**

*New Hampshire Department of Environmental Services*

Grant Award:	\$550,000
Matching Funds:	\$168,075
<b>Total Project Funds:</b>	<b>\$718,075</b>

*Project Description:* Remove Bellamy River's two fish barriers in Dover, New Hampshire. Project will restore 11 river miles, re-introduce a fish passage, reduce flooding, and improve water quality and safety.

*Congressional Districts:* District 1 (NH)

## New Jersey

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### **Preventing Erosion and Restoring Hydrology in the Pine Barrens**

*New Jersey Conservation Foundation*

Grant Award:	\$280,000
Matching Funds:	\$106,340
Total Project Funds:	\$386,340

*Project Description:* Restore hydrology and prevent erosion in the Pine Barrens in Burlington County and Ocean County, New Jersey. Project will improve stream and wetland resiliency, while protecting important habitat.

*Congressional Districts:* District 3 (NJ)

### **Increasing Seven Mile Island's Beach Resiliency**

*New Jersey Audubon Society*

Grant Award:	\$1,280,000
Matching Funds:	\$53,424
Total Project Funds:	\$1,333,424

*Project Description:* Increase Seven Mile Island's beach resiliency in Cape May County, New Jersey. Project will improve habitat, protect communities, and contribute to a long term resiliency strategy.

*Congressional Districts:* District 2 (NJ)

### **Building Ecological Solutions to Coastal Community Hazards (NJ)**

*New Jersey Department of Environmental Protection*

Grant Award:	\$3,440,000
Matching Funds:	\$894,888
Total Project Funds:	\$4,334,888

*Project Description:* Develop, design, and deliver green infrastructure techniques that add ecological value and enhance community resiliency. Project will benefit New Jersey coastal communities.

*Congressional Districts:* All Districts (NJ)

### **Transforming Hoboken's Block 12 into a Green Infrastructure Asset**

*City of Hoboken, New Jersey*

Grant Award:	\$250,000
Matching Funds:	\$3,615,400
Total Project Funds:	\$3,865,400

*Project Description:* Incorporate green infrastructure into Block 12's redesign in Hoboken, New Jersey. Project will increase stormwater management, reduce sewer overflow, and increase open space acreage.

*Congressional Districts:* District 8 (NJ)

### **Reusing Dredged Material to Restore Salt Marshes and Protect Communities**

*New Jersey Department of Environmental Protection - Office of Natural Resource Restoration*

Grant Award:	\$3,420,000
Matching Funds:	\$4,782,320
Total Project Funds:	\$8,202,320

*Project Description:* Reuse dredged materials to restore 90 acres of salt marsh for Avalon, Stone Harbor, and Fortescue in New Jersey. Enhanced salt marsh will provide wildlife habitat and reduce flooding and erosion impacts on nearby communities.

*Congressional Districts:* District 2 (NJ)

**Enhancing Liberty State Park's Marshes and Upland Habitats**

*New Jersey Department of Environmental Protection - Office of Natural Resource Restoration*

Grant Award:	\$250,000
Matching Funds:	\$146,968
Total Project Funds:	\$396,968

*Project Description:* Create and improve Liberty State Park's 40 acres of salt marsh and 100 acres of upland habitat in Jersey City, New Jersey. Project will improve ecosystem resiliency and create a new publicly accessible area within the park.

*Congressional Districts:* District 8 (NJ)

**Creating a Resilient Delaware Bay Shoreline in Cape May and Cumberland Counties**

*American Littoral Society*

Grant Award:	\$4,750,000
Matching Funds:	\$854,468
Total Project Funds:	\$5,604,468

*Project Description:* Restore 50 acres of Delaware Bay's wetlands and six miles of beach in Cape May and Cumberland Counties, New Jersey. Project will improve horseshoe crab spawning, provide shorebird stopover area, and improve ecological and economic community resilience.

*Congressional Districts:* District 2 (NJ)

**Strengthening Marshes Creek Through Green and Grey Infrastructure**

*Rutgers University*

Grant Award:	\$2,720,000
Matching Funds:	\$183,673
Total Project Funds:	\$2,903,673

*Project Description:* Use green and grey infrastructure to strengthen Marshes Creek and the local community in Linden, New Jersey. Project will provide community protection while strengthening ecosystem resiliency from floods and run-off impacts.

*Congressional Districts:* District 6 (NJ); District 10 (NJ)

**Restoring Newark Bay's Wetlands**

*City of Newark, New Jersey*

Grant Award:	\$1,560,000
Matching Funds:	\$80,000
Total Project Funds:	\$1,640,000

*Project Description:* Restore Newark Bay's wetlands in New Jersey. The 12-acre restoration will buffer against shoreline erosion, improve flood control, and remove invasive plants.

*Congressional Districts:* District 10 (NJ)

**Strengthening Monmouth Beach's Marshes and Dunes**

*Monmouth Beach, New Jersey*

Grant Award:	\$1,780,000
Matching Funds:	\$1,750,000
Total Project Funds:	\$3,530,000

*Project Description:* Construct a 6,400 foot coastal dune and restore 17 acres of marsh in Monmouth Beach, New Jersey. Both terrains provide critical wildlife habitat and community protection.

*Congressional Districts:* District 6 (NJ)

### **Restoring Hundreds of Wetland Acres in Great Egg Harbor Bay**

*City of Ocean City, New Jersey*

Grant Award:	\$2,630,000
Matching Funds:	\$1,276,775
Total Project Funds:	\$3,906,775

*Project Description:* Restore hundreds of wetland acres in Great Egg Harbor Bay, New Jersey. Project will enhance and raise damaged wetlands to mitigate future storm impacts and provide healthier habitats.

*Congressional Districts:* District 2 (NJ)

### **Replenishing Little Egg Harbor's Marshes and Wetlands**

*Little Egg Harbor Township, New Jersey*

Grant Award:	\$2,130,000
Matching Funds:	\$91,500
Total Project Funds:	\$2,221,500

*Project Description:* Replenish and restore Little Egg Harbor's marshes and wetlands in New Jersey. Project will create a stronger shoreline buffer, provide healthier habitat, and open seven miles of stream.

*Congressional Districts:* District 2 (NJ)

### **Incorporating Green Infrastructure Resiliency in the Raritan River Basin**

*Rutgers University*

Grant Award:	\$820,000
Matching Funds:	\$353,628
Total Project Funds:	\$1,173,628

*Project Description:* Perform 54 municipality assessments and impervious cover reduction action plans for the Raritan River Basin in New Jersey. Project will create a municipality strategy guide with recommendations, and implement projects that capture over 68 million gallons of stormwater annually.

*Congressional Districts:* District 4 (NJ); District 6 (NJ); District 7 (NJ); District 12 (NJ)

## **New York**

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### **Developing Self-Sustaining Oyster Population in Jamaica Bay**

*New York City Department of Environmental Protection*

Grant Award:	\$1,000,000
Matching Funds:	\$375,000
Total Project Funds:	\$1,375,000

*Project Description:* Develop a self-sustaining oyster population in Jamaica Bay, New York. Project will improve water quality and increase oyster larvae recruitment.

*Congressional Districts:* District 5 (NY)

### **Restoring Bronx River Shoreline at Starlight Park**

*New York City Department of Parks and Recreation*

Grant Award:	\$4,400,000
Matching Funds:	\$12,000,000
Total Project Funds:	\$16,400,000

*Project Description:* Restore ecosystem function and habitat for the Bronx River in New York City. Project will re-naturalize the shoreline, restore habitat function, and remove contaminated soil.

*Congressional Districts:* District 15 (NY)

### **Strengthening Sunken Meadow State Park's Resiliency**

*Connecticut Fund for the Environment*

Grant Award:	\$2,500,000
Matching Funds:	\$57,500
Total Project Funds:	\$2,557,500

*Project Description:* Enhance Sunken Meadow State Park's 135 acres of salt marsh and remove run-off in Long Island, New York. Project will strengthen ecosystem resiliency and promote green infrastructure benefits.

*Congressional Districts:* District 3 (NY)

### **Ausable Watershed Flood Mitigation and Fish Passage Restoration**

*The Nature Conservancy - New York*

Grant Award:	\$620,000
Matching Funds:	\$188,454
Total Project Funds:	\$808,454

*Project Description:* Replace three flood-prone culverts in the Ausable Watershed in northern New York. Project will restore fish passage for 25 miles, mitigate flooding, and reduce community costs.

*Congressional Districts:* District 21 (NY)

### **Strengthening Coney Island's Resiliency through Green Streets**

*New York City Department of Parks and Recreation*

Grant Award:	\$990,000
Matching Funds:	\$333,333
Total Project Funds:	\$1,323,333

*Project Description:* Strengthen Coney Island's resiliency through installation of 14 green streets in New York City, New York. Project will mitigate flooding, filter over two million gallons of stormwater run-off, and serve as a model to other communities.

*Congressional Districts:* District 8 (NY)

### **Improving Harlem River's Water Quality and Resiliency through Stream Daylighting**

*New York City Department of Parks and Recreation*

Grant Award:	\$250,000
Matching Funds:	\$2,116,000
Total Project Funds:	\$2,366,000

*Project Description:* Restore Tibbetts Brook as a tributary to the Harlem River. Project will reduce over 88 million gallons of stormwater runoff and decrease sewer overflow events by 15% annually.

*Congressional Districts:* District 16 (NY)

### **Restoring Spring Creek Park's Salt Marsh and Upland Habitat**

*New York City Department of Parks and Recreation*

Grant Award:	\$4,270,000
Matching Funds:	\$6,967,500
Total Project Funds:	\$11,237,500

*Project Description:* Restore Spring Creek Park's 11 acres of salt marsh and 16 acres of coastal upland in Queens, New York. Project will reduce flood impacts, capture run-off, and contribute recreational space.

*Congressional Districts:* District 8 (NY)

### **Rejuvenating Sunset Cove's Salt Marsh and Upland Habitat**

*New York City Department of Parks and Recreation*

Grant Award:	\$4,850,000
Matching Funds:	\$2,240,000
Total Project Funds:	\$7,090,000

*Project Description:* Restore Sunset Cove's five acres of wetland and seven acres of upland habitat in Queens, New York. Project will enhance water quality, provide shellfish habitat, and increase public recreation access.

*Congressional Districts:* District 5 (NY)

### **Wetland Restoration in Suffolk County**

*Suffolk County Department of Economic Development and Planning*

Grant Award:	\$1,310,000
Matching Funds:	\$688,740
Total Project Funds:	\$1,998,740

*Project Description:* Restore 400 wetland acres and build capacity to rehabilitate 1,500 acres in Suffolk County, New York. Project will strengthen wetland resiliency and provide capacity-building opportunities.

*Congressional Districts:* District 1 (NY); District 2 (NY); District 3 (NY)

### **Reconnecting and Restoring the Allegany Reservoir**

*The Seneca Nation of Indians*

Grant Award:	\$350,000
Matching Funds:	\$226,477
Total Project Funds:	\$576,477

*Project Description:* Restore riparian buffer and reconnect ten land-locked areas to the Allegany Reservoir in Cattaraugus County, New York. Project will strengthen the reservoir's resiliency.

*Congressional Districts:* District 23 (NY)

### **Improving Shinnecock Reservation's Shoreline Habitats**

*Shinnecock Indian Nation*

Grant Award:	\$3,750,000
Matching Funds:	\$314,000
Total Project Funds:	\$4,064,000

*Project Description:* Restore Shinnecock Reservation's eelgrass, oyster, marsh, and beach habitats in Southampton, New York. Project will reduce erosion, increase habitat, and strengthen shoreline resiliency.

*Congressional Districts:* District 1 (NY)

## **Ohio**

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### **Improving Coastal Resiliency through Community Engagement**

*Association of State Floodplain Managers*

Grant Award:	\$350,000
Matching Funds:	\$98,753
Total Project Funds:	\$448,753

*Project Description:* Engage Ohio and Rhode Island communities in projects that will improve their coastal resiliency. Project will encourage communities to participate more, provide an ecosystem resiliency roadmap, and potentially lower flood insurance costs.

*Congressional Districts:* All Districts (OH); All Districts (RI)

## Pennsylvania

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### **Reducing Flood Impacts and Restoring Habitat in the Brandywine River Watershed**

*Stroud Water Research Center*

Grant Award:	\$3,030,000
Matching Funds:	\$500,000
Total Project Funds:	\$3,530,000

*Project Description:* Restore over 250 acres of wetlands and riparian habitat in the Brandywine River watershed in Pennsylvania. Project will improve community flood resiliency, reconnect habitats, and reduce run-off.

*Congressional Districts:* District 16 (PA)

### **Developing a Green Infrastructure Plan for Chester City**

*Delaware Valley Regional Planning Commission*

Grant Award:	\$290,000
Matching Funds:	\$49,777
Total Project Funds:	\$339,777

*Project Description:* Develop a green infrastructure plan and implement a demonstration project in Chester City, Pennsylvania. Project will incorporate green infrastructure policies, focus on citizen empowerment, and serve as a model to neighboring cities.

*Congressional Districts:* District 1 (PA)

## Rhode Island

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### **Reusing Dredged Materials to Enhance Ninigret National Wildlife Refuge**

*Rhode Island Coastal Resources Management Council*

Grant Award:	\$3,250,000
Matching Funds:	\$423,650
Total Project Funds:	\$3,673,650

*Project Description:* Restore 30 acres of salt marsh and create two additional marsh restoration designs in Ninigret National Wildlife Refuge in south Rhode Island. Project will strengthen the marsh's resiliency and serve as a model to similar restoration projects throughout the state.

*Congressional Districts:* District 2 (RI)

### **Strengthening Sachuest Bay's Coastal Resiliency**

*Town of Middletown, Rhode Island*

Grant Award:	\$2,320,000
Matching Funds:	\$1,066,913
Total Project Funds:	\$3,386,913

*Project Description:* Enhance over 124 acres of Sachuest Bay's beaches and wetlands in Middletown, Rhode Island. Project will improve water quality, enhance natural infrastructure, and improve existing grey infrastructure.

*Congressional Districts:* District 1 (RI)

### **Building Green Infrastructure into Community Policies**

*University of Rhode Island*

Grant Award:	\$400,000
Matching Funds:	\$-
Total Project Funds:	\$400,000

*Project Description:* Incorporate green infrastructure into community policies in Newport, Warwick, and North Kingstown, Rhode Island. Project will increase resiliency, build local decision-maker capacity, and serve as a replicable model for neighboring states.

*Congressional Districts:* All Districts (RI)

### **Creating a Natural Resource Resiliency Assessment and Action Plan**

*Narragansett Indian Tribe*

Grant Award:	\$180,000
Matching Funds:	\$60,206
Total Project Funds:	\$240,206

*Project Description:* Create a natural resource resiliency assessment and action plan for 2,064 acres in Charleston and County of Washington, Rhode Island. Project will identify mitigation options that will strengthen watershed resiliency and protect nearby communities.

*Congressional Districts:* District 2 (RI)

### **Developing Rhode Island's Coastal Resiliency Program**

*University of Rhode Island*

Grant Award:	\$870,000
Matching Funds:	\$358,622
Total Project Funds:	\$1,228,622

*Project Description:* Develop monitoring network, coastal maps, and best engineering practices for southern shore of Rhode Island. Project will generate best practices and policies, test modeling tools, and is the first step to developing a statewide coastal resiliency program.

*Congressional Districts:* District 1 (RI); District 2 (RI)

### **Developing a Resiliency Management Plan for Pawcatuck River Watershed**

*Wood-Pawcatuck Watershed Association*

Grant Award:	\$720,000
Matching Funds:	\$197,869
Total Project Funds:	\$917,869

*Project Description:* Develop a flood and storm resiliency management plan for Pawcatuck River Watershed and 11 communities in southern Rhode Island and Connecticut. Project will aid in the watershed's resiliency enhancement, restore habitat, and protect local communities.

*Congressional Districts:* District 2 (RI), District 2 (CT)

### **Improving Coastal Resiliency through Community Engagement**

*Association of State Floodplain Managers*

Grant Award:	\$350,000
Matching Funds:	\$98,753
Total Project Funds:	\$448,753

*Project Description:* Engage Ohio and Rhode Island communities in projects that will improve their coastal resiliency. Project will encourage communities to participate more, provide an ecosystem resiliency roadmap, and potentially lower flood insurance costs.

*Congressional Districts:* All Districts (OH); All Districts (RI)

## Virginia

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### **Green Infrastructure in Accomack and Northampton Counties**

*The Nature Conservancy*

Grant Award:	\$1,460,000
Matching Funds:	\$295,132
Total Project Funds:	\$1,755,131

*Project Description:* Implement green infrastructure projects and enhance decision makers' coastal resiliency knowledge in Accomack and Northampton Counties, Virginia. Project will provide tools, knowledge, and a stakeholder process that can aid decision makers' policies and actions.

*Congressional Districts:* District 2 (VA)

### **Developing a Green Infrastructure Plan and Network for the Lafayette River Watershed**

*City of Norfolk, Virginia*

Grant Award:	\$4,640,000
Matching Funds:	\$257,343
Total Project Funds:	\$4,897,343

*Project Description:* Implement eight shoreline restoration projects and develop a green infrastructure plan and framework for the Lafayette River watershed in Norfolk, Virginia. Project will strengthen the watershed's resiliency, engage 40 veterans in a green infrastructure training course, and involve 160 high school students in hands-on projects.

*Congressional Districts:* District 2 (VA); District 3 (VA)

### **Developing Coastal Resiliency Regional Models**

*Back Bay Restoration Foundation*

Grant Award:	\$4,000,000
Matching Funds:	\$4,465,843
Total Project Funds:	\$8,465,843

*Project Description:* Develop coastal resiliency regional models that enhance over 5,700 acres of wetlands and forests in the Southern Watersheds Area of Virginia. Project will strengthen coastal resiliency and serve as an adaptation resource for community leaders and decision makers.

*Congressional Districts:* District 2 (VA); District 4 (VA)

### **Improving and Quantifying Wetlands' Potential to Reduce Storm Surge Impacts**

*George Mason University*

Grant Award:	\$440,000
Matching Funds:	\$111,969
Total Project Funds:	\$551,969

*Project Description:* Improve and quantify wetlands' potential to reduce storm surge impacts along the Chesapeake Bay shoreline within four Virginia nature preserves. Project will provide decision makers with information that can influence future management policies.

*Congressional Districts:* District 1 (VA); District 2 (VA)

## Regional Assessment Projects

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### Improving Northeast Coast Storm-Related Data

#### Interpretation and Accessibility

*Northeastern Regional Association of Coastal and Ocean Observing Systems (NERACOOS)*

Grant Award:	\$520,000
Matching Funds:	\$133,303
Total Project Funds:	\$653,303

*Project Description:* Develop a data integration platform for existing storm-related resources that will especially benefit U.S. States affected by Hurricane Sandy. Project will improve access and intuitive data interpretation for all users including decision makers.

*Congressional Districts:* All Districts (CT); All Districts (DE); All Districts (DC); All Districts (MD); All Districts (MA); All Districts (NH); All Districts (NJ); All Districts (NY); All Districts (OH); All Districts (PA); All Districts (RI); All Districts (VA); All Districts (WV)

### Assessing Coastal Impoundment Vulnerability and Resilience in the Northeast

*Audubon Society*

Grant Award:	\$470,000
Matching Funds:	\$170,000
Total Project Funds:	\$640,000

*Project Description:* Evaluate the Northeast's coastal impoundment vulnerability and resilience with national parks, refuges, and state lands of Connecticut, Delaware, Massachusetts, Maryland, Maine, New Hampshire, New Jersey, New York, Rhode Island, and Virginia. Project will reduce risk to nearby communities and identify restoration efforts that will strengthen impoundment resiliency.

*Congressional Districts:* All Districts (CT); District 1 (DE); All Districts (ME); All Districts (MD); All Districts (MA); All Districts (NH); All Districts (NJ); All Districts (NY); All Districts (RI); All Districts (VA)