



NFWF

Long Island Sound Futures Fund 2018 Grant Slate

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ABOUT NFWF

The National Fish and Wildlife Foundation (NFWF) protects and restores our nation's fish and wildlife and their habitats. Created by Congress in 1984, NFWF directs public conservation dollars to the most pressing environmental needs and matches those investments with private funds. Learn more at www.nfwf.org

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Horseshoe crabs

OVERVIEW

The National Fish and Wildlife Foundation (NFWF), in partnership with the Long Island Sound Study and the U.S. Environmental Protection Agency, announced a 2018 round of funding for Long Island Sound Futures Fund projects. Thirty-six new grants totaling \$2.57 million were awarded, leveraging \$3.1 million in grantee match and generating a total conservation impact of more than \$5.67 million.

The Long Island Sound is home to hundreds of species of fish, birds and other animals, and stretches across more than 110 miles, with 600 miles of coastline. Millions of people visit the sound each year to swim, boat and enjoy its beauty, enriching their own lives and stimulating the local economy. Despite improvements, Long Island Sound still suffers from oxygen-depleted zones, beach closures and other effects of pollution, as well as changes to its natural habitats. The coastal communities bordering the sound are amongst the most densely populated in the country and have a strong impact on water and habitat quality in the sound and its rivers and streams.

LISFF addresses such challenges by supporting projects in local communities that aim to protect and restore the Long Island Sound. It unites federal and state agencies, foundations and corporations to achieve high-priority conservation objectives. Funded activities demonstrate a real, on-the-ground commitment to securing a healthy future for the Long Island Sound.

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Long Island Sound

CLEAN WATERS AND HEALTHY WATERSHEDS

Addressing the Problem of Microplastics in Long Island Sound Harbors (CT)

Grantee: University of Connecticut
 Grant Amount: \$99,999
 Matching Funds: \$99,893
Total Amount:..... \$199,892

Investigate microplastics and the impact of this type of pollution in harbors of the western Long Island Sound in Connecticut. Project will develop a model monitoring program to assess the extent and impact of microplastic pollution on habitats and the food web of Long Island Sound, educate about the issue, and develop management recommendations to address the problem.

Disconnecting Downspouts and Connecting Partners in the West River Watershed (CT)

Grantee: Neighborhood Housing Services of New Haven
 Grant Amount: \$84,035
 Matching Funds: \$140,000
Total Amount:..... \$224,035

Install green infrastructure improvements at residential sites in New Haven, Connecticut. Project will prevent 108,000 gallons of stormwater pollution annually from

flowing into the West River and Long Island Sound.

SoundWaters Bioextraction Seaweed Farm (CT)

Grantee: SoundWaters
 Grant Amount: \$38,307
 Matching Funds: \$31,534
Total Amount:..... \$69,841

Install a seaweed farm to bioextract pollution from Greenwich Harbor and engage students and residents in Stamford, Connecticut. Project will educate students, teachers and the public about the benefits of bioextraction through seaweed aquaculture in the waters of Long Island Sound.

Bright Green Hartford - Residential Rainwater Management for A Greener, Cleaner and Healthier Hartford (CT)

Grantee: City of Hartford
 Grant Amount: \$177,310
 Matching Funds: \$89,700
Total Amount:..... \$267,010

Develop a nitrogen action plan for harbors and bays in Southeastern Connecticut. Project will identify and prioritize activities to reduce nitrogen pollution entering Southeastern Connecticut waters and Long Island Sound.

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Developing a Natural Resource and Watershed Plan for New London (CT)

Grantee: City of New London

Grant Amount: \$35,000
 Matching Funds: \$21,500
Total Amount:.....\$56,500

Conduct an assessment of the current condition of the city's natural resources and watershed health. Project will develop a plan which provides a concrete vision for a sustainable and resilient future urban shoreline community.

Water Quality Monitoring to Improve Fairfield County Waterways and Long Island Sound (CT)

Grantee: Earthplace - The Nature Discovery Center

Grant Amount: \$74,493
 Matching Funds: \$59,594
Total Amount:..... \$134,087

Conduct water quality monitoring to help improve 10 waterways affected by pollution in Fairfield County, Connecticut. Project will inform local government actions to reduce sewage pollution into Long Island Sound.

Sustainability Planning for the Town of Harrison (NY)

Grantee: Town of Harrison

Grant Amount: \$45,000
 Matching Funds: \$45,000
Total Amount:.....\$90,000

Develop a drainage manual in Harrison, New York. Project will improve current stormwater management and set the stage for implementation of low-impact development green infrastructure projects to address stormwater pollution into Long Island Sound.

Hempstead Harbor 2019 Water Quality Monitoring Program XI (NY)

Grantee: The Incorporated Village of Sea Cliff

Grant Amount: \$75,000
 Matching Funds: \$65,484
Total Amount:..... \$140,484

Conduct water quality monitoring in Hempstead Harbor, New York. Project will inform management of Hempstead Harbor, an embayment of Long Island Sound.

Enhancing Nitrogen Removal at the South Hadley Wastewater Treatment Plant (MA)

Grantee: Town of South Hadley

Grant Amount: \$145,000
 Matching Funds: \$145,000
Total Amount:..... \$290,000

The Town of South Hadley will replace one mechanical aerator at the South Hadley Wastewater Treatment Plant, Chicopee, Massachusetts. The project will decrease the

point source of nitrogen discharge to the Long Island Sound Watershed by an estimated 14,000 pounds of nitrogen annually.

Enhancing Nitrogen Removal at the Springfield Regional Wastewater Treatment Facility (MA)

Grantee: Springfield Water and Sewer Commission

Grant Amount: \$51,146
 Matching Funds: \$30,000
Total Amount:..... \$81,146

The Springfield Water and Sewer Commission will install nitrogen sensors and use information from those sensors to improve operations during the biological treatment process at the Springfield Regional Wastewater Treatment Facility, Springfield, Massachusetts. The project will eliminate nitrogen discharges by 1,000 pounds annually into the Connecticut River which drains into Long Island Sound.

Innovative Liquid Wastewater Diversion Technology to Reduce Nitrogen in the Long Island Sound Watershed (VT)

Grantee: The Rich Earth Institute

Grant Amount: \$115,720
 Matching Funds: \$156,150
Total Amount:..... \$271,870

The Rich Earth Institute will install innovative technology to divert liquid wastewater, a source of nitrogen, at five sites in Windham County, Vermont. The project will prevent 350 pounds of nitrogen from entering the Connecticut River and ultimately Long Island Sound.

Thriving Habitats and Abundant Wildlife A Fishway for Pages Millpond Dam (CT)

Grantee: Connecticut Fund for the Environment

Grant Amount: \$249,947
 Matching Funds: \$250,000
Total Amount:..... \$499,947

Connecticut Fund for the Environment will construct a steepass fishway opening 5.35 river miles and 4.25 lake acres of fish habitat for alewife, blueback herring, and American eel in North Branford, Connecticut. The project will complete the restoration of this riverine migratory corridor to Long Island Sound.

Hepburn Living Shoreline Project (CT)

Grantee: Lynde Point Land Trust

Grant Amount: \$250,000
 Matching Funds: \$477,438
Total Amount:..... \$727,438

The Lynde Point Land Trust will construct a living shoreline along a chronically eroding barrier spit on Long Island Sound in Fenwick, Connecticut. The project will provide

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Oystercatcher

protection for the nearby community and a 10-acre tidal marsh from storms and rising waters.

A Fishway for the Railroad Pond Dam (CT)

Grantee: Town of Berlin
 Grant Amount: \$250,000
 Matching Funds: \$147,800
Total Amount:..... \$397,800

The Town of Berlin will install a fishway at the Railroad Pond Dam in Berlin, Connecticut. The fishway will remove an impediment to passage and open a 12 acre pond and additional river habitat for fish to pass including alewife, blueback herring, sea lamprey and American eel.

Planning for Two Fish Passage Projects in Southeastern Connecticut (CT)

Grantee: Connecticut Fund for the Environment
 Grant Amount: \$99,987
 Matching Funds: \$100,000
Total Amount:..... \$199,987

Connecticut Fund for the Environment will develop engineered designs for fishways at Whitford Pond Dam in Stonington and at Alewife Cove Dam in Waterford, Connecticut. The project will complete critical design work to address the next barriers to fish migration along two historically abundant diadromous fish migratory river corridors.

Shewville Dam Fishway Design Project (CT)

Grantee: Eastern Connecticut Conservation District
 Grant Amount: \$74,133
 Matching Funds: \$80,000
Total Amount:..... \$154,133

The Eastern Connecticut Conservation District will prepare an engineered plan for a steepass fishway on the Shewville Dam, Shewville Brook, Ledyard, Connecticut. The project will complete critical design work to address a barrier to upstream alewife migration along a migratory river corridor of Long Island Sound.

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Habitat Restoration Planning and Environmental Stewardship at Hallock State Park Preserve (NY)

Grantee: Group for the East End
 Grant Amount: \$67,542
 Matching Funds: \$101,371
Total Amount:..... \$168,913

Group for the East End will conduct public and partner outreach, education programs and environmental stewardship activities, remove invasive plants, and develop habitat restoration plans for management of the 225 acre Hallock State Park Preserve, Riverhead, New York. The project activities and planning will inform restoration of natural resource and protect future cultural and recreational use.

Planning and Coordination for Coastal Forest Habitat Management in Bronx Park (NY)

Grantee: City Parks Foundation
 Grant Amount: \$99,810
 Matching Funds: \$76,000
Total Amount:..... \$175,810

City Parks Foundation will develop a management plan for 170 acres of coastal maritime forest in the Bronx Park, Bronx, New York. This project will contribute to targeted restoration and management of coastal maritime forest in an important urban Long Island Sound watershed.

Producing and Implementing a Community-Supported Long Island Sound Blue Plan (CT, NY)

Grantee: The Nature Conservancy-Connecticut
 Grant Amount: \$44,986
 Matching Funds: \$51,904
Total Amount:..... \$96,890

Finalize the Long Island Sound Blue Plan in Connecticut and New York. Project will create a community supported plan to protect marine life in Long Island Sound.

EDUCATING TO ENGAGE SUSTAINABLE AND RESILIENT COMMUNITIES:

Urban Oases: Community-based Education, Conservation and Outreach to Enhance Habitats around Long Island Sound (CT)

Grantee: The National Audubon Society (Audubon Connecticut)
 Grant Amount: \$44,918
 Matching Funds: \$46,426
Total Amount:..... \$91,344

Engage teachers, students and community members to enhance urban green spaces in New Haven and Hamden, Connecticut. Project will engage 12,000 people in local environmental education to increase the availability of habitat in urban parks and schoolyards for migrating birds and other wildlife.

Rain and Pollinator Gardens for Schools in the Connecticut River Estuary (CT)

Grantee: Connecticut Audubon Society
 Grant Amount: \$15,443
 Matching Funds: \$12,014
Total Amount:..... \$27,457

Guide student-led planning and installation of rain and pollinator gardens at schools in the Connecticut River Estuary, including Essex, Deep River and Chester, Connecticut. Project will enhance existing schoolyard habitats adding features that reduce 4,675 gallons of stormwater pollution annually while providing students and teachers with an example of sustainable conservation action for Long Island Sound.

Schooner Coastal Exploration, Stewardship and Environmental Education about Long Island Sound (CT)

Grantee: New Haven Land Trust
 Grant Amount: \$45,000
 Matching Funds: \$79,000
Total Amount:..... \$124,000

Provide hands-on educational programming for underserved youth and families through summer camp, on-the-water programs, public education and outreach events, and school-based programs focusing on protection of Long Island Sound water and land resources in New Haven, Connecticut. Project will increase appreciation and awareness of and provide sustainable recreational activities to the Sound for more than 800 people.

Stormwater Management Programs to Improve Water Quality in New Haven and Long Island Sound (CT)

Grantee: Neighborhood Housing Services of New Haven
 Grant Amount: \$14,398
 Matching Funds: \$43,335
Total Amount:..... \$57,733

Develop classroom-based programs and community-based, volunteer-driven environmental events in New Haven, Connecticut. Project will educate local residents about how to reduce stormwater from their homes into the West River and Long Island Sound.

Engaging New Landscaping Professionals in Non-Toxic Landscaping Practices for Long Island Sound (CT)

Grantee: The Northeast Organic Farming Association of Connecticut
 Grant Amount: \$44,937
 Matching Funds: \$23,200
Total Amount:..... \$68,137

Host two educational courses on non-toxic property management practices that reduce non-point source pollution entering Long Island Sound. Project will provide

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Long Island Sound, New York

training for about 70 local landscapers to help them transition to practices that decrease common use of fertilizers, phosphorous and pesticides to reduce overall nitrogen pollution from entering Long Island Sound.

Sound Discoveries – Education through Exploration (CT)

Grantee: Sea Research Foundation (Mystic Aquarium)
 Grant Amount:\$8,651
 Matching Funds:\$5,973
Total Amount:..... \$14,624

Host an experiential and hands-on environmental education program to immerse students and families in the habitats of Long Island Sound in Mystic, Connecticut. Project will increase knowledge about the natural resources of the Long

Island Sound and actions people can take to improve it.

Be a Good Egg III - Share the Shore with Shorebirds (NY)

Grantee: National Audubon Society (Audubon New York)
 Grant Amount: \$41,009
 Matching Funds: \$41,757
Total Amount:..... \$82,766

Provide an environmental education program called “Be a Good Egg,” encouraging people to share the shore with shorebirds at shorelines on Long Island, New York. Project will engage people to reduce threats to coastal habitats and shorebirds including piping plover, least tern, common tern and American oystercatcher.

Going Strawless for Sea Turtles: Educating to Protect Marine Life and Eliminate Single-use Plastics (NY)

Grantee: Citizens Campaign Fund for the Environment
 Grant Amount: \$45,000
 Matching Funds: \$45,000
Total Amount:..... \$90,000

Conduct comprehensive public education and social marketing to reduce the use of plastic polluting Long Island Sound beaches, bays and harbors in Nassau and Suffolk counties, New York. Project will gather 500 pledges to reduce common throw-away plastic use, and engage about 200 volunteers in coastal cleanups.

Rain Gardens at Port Jefferson Harbor: Linking Water, Wildlife and Waterways (NY)

Grantee: The Maritime Explorium
 Grant Amount: \$43,626
 Matching Funds: \$79,067
Total Amount:..... \$122,693

Install native plant rain gardens in high visibility areas and provide natural landscaping guidance to community members in Port Jefferson, New York. Project will demonstrate to 800,000 visitors how rain gardens improve the water quality and biodiversity of Long Island Sound.

Expanding Environmental Stewardship in the Alley Creek Watershed (NY)

Grantee: New York City Department of Parks and Recreation
 Grant Amount: \$45,000
 Matching Funds: \$45,000
Total Amount:..... \$90,000

Expand Shorekeepers program in the Alley Creek watershed to support long-term volunteer participation in tidal wetland and coastal forest restoration. Project will increase local stakeholder engagement through greater public participation in cleanup and restoration efforts, as well as train volunteers as Shorekeepers to work in wetlands.



Long Island Sound

Deliver a year-long public education series with hands-on learning and conservation-based activities to inform people about the effects of pollution on Long Island Sound. Project will teach 350 adult and elementary school audiences about actions they can take to improve the health of the Sound.

Celebration of Long Island Sound at SUNY Maritime College (NY)

Grantee: State University of New York (SUNY) Maritime College

Grant Amount:\$7,665
 Matching Funds: \$13,248
Total Amount:..... \$20,913

Host “Celebration of the Long Island Sound” in Throggs Neck, New York. Project will build awareness and connect about 500 students and residents to the Sound.

Bringing Environmental Stewardship to the 2019 Play2Learn Festival (NY)

Grantee: Town of Harrison

Grant Amount:\$6,750
 Matching Funds: \$7,500
Total Amount:..... \$14,250

Expand the annual Play2Learn Festival to incorporate a Long Island Sound-based Play Zone in Harrison, New York. Project will introduce children to the wonders of the natural resources and the principles of conserving Long Island Sound.

Partnering for Marine Debris & Trash Prevention and Animal Rescue around Long Island Sound (CT, NY)

Grantee: Sea Research Foundation (Mystic Aquarium)

Grant Amount: \$44,587
 Matching Funds: \$46,062
Total Amount:..... \$90,649

Offer education and stewardship opportunities focused the impact of marine debris on marine species, engaging coastal and non-coastal community members in Connecticut and New York. Project will increase public awareness to reduce marine debris, trash and fishing gear from entering Long Island Sound.

Identifying and Installing New Liquid Wastewater Diversion in Windham County, Vermont

Grantee: Rich Earth Institute

Grant Amount: \$29,767
 Matching Funds: \$20,250
Total Amount:..... \$50,250

Identify new sites to install innovative liquid wastewater diversion technology in Windham County, Vermont. Project planning will secure sites to install a technology designed to reduce nitrogen entering the Connecticut River and ultimately Long Island Sound.

Long Island Sound Beach Cleanup 2018 - VI (NY)

Grantee: American Littoral Society

Grant Amount: \$10,000
 Matching Funds: \$376,498
Total Amount:..... \$386,498

Deliver beach cleanups along 191 miles of shoreline at 58 sites in the Long Island Sound watershed of New York. Project will educate volunteers about how they can prevent marine pollution in Long Island Sound.

Sound Effects: A Public Conservation Education Series (NY)

Grantee: The Whaling Museum Society

Grant Amount:\$9,998
 Matching Funds: \$5,050
Total Amount:..... \$15,048