

The Chesapeake Bay Trust works with many funding partners to collaboratively support natural resource projects in several key topic areas:

EDUCATION:

We advance environmental education through student experiential learning, outdoor experiences, professional development for teachers, and curriculum development.

RESTORATION:

We support the restoration of our bays, rivers, streams, forests, parks, and other natural systems in ways that engage communities and individuals.

COMMUNITY ENGAGEMENT:

We foster human connection to our natural resources using methods that promote ownership and long-lasting changes in attitudes and behaviors.

SCIENCE AND INNOVATION:

We work to advance science in many arenas in which we fund, such as best practices in environmental education, social science to change behaviors, and efficacy of restoration practices.

CAPACITY BUILDING:

We aim to increase the organizational effectiveness of organizations that work to advance natural resource restoration and protection.

2018-2019 Grants and Projects

ALLEGANY

Allegheny County Commissioners, \$5,000 for a household hazardous waste and collection event

ANNE ARUNDEL

Alliance for the Chesapeake Bay, \$298,868 for implementation of a resilient marsh and living shoreline in Cape St. Claire

Alliance for the Chesapeake Bay, \$1,250 for an outreach event on the importance of native plants to Bay health

Alliance for the Chesapeake Bay, \$5,000 for support of an annual professional development conference

Annapolis Elementary School PTA, \$3,458 for 30 K-3rd graders to participate in an environmental after-school club

Annapolis Maritime Museum & Park, \$4,575 for an outreach campaign about stormwater restoration and ecology

Annapolis Roads Property Owners Association, \$38,358 for impervious surface removal and stormwater treatment

Anne Arundel County Public Schools, \$5,000 for environmental education professional development for 20 teachers

Arundel Rivers Federation, \$120,813 for invasive species removal and reforestation of 4 acres

Arundel Rivers Federation, \$192,940 for the stabilization of Herrington Harbour headcut and wetland enhancement

Arundel Rivers Federation, \$47,331 for water quality treatment of stormwater runoff at a commercial dog kennel

Arundel Rivers Federation, \$378,487 for the restoration and habitat enhancement of 3,432 linear feet of Flat Creek

Arundel Rivers Federation, \$1,250 for surveying oyster populations

Arundel Rivers Federation, \$50,000 for community clean-up in Latino communities along Church Creek

Arundel Rivers Federation, \$181,407 for design of a 3,400 linear-foot Broad Creek restoration project

BayWoods Residents Association, \$4,675 for invasive species removal and native plant workshops

Broadwater Creek Coalition, \$1,173 for a community litter clean-up and invasive species removal

Cedar Ridge Homes Association, \$3,770 for the installation of a rain garden and conservation landscaping

Chesapeake Bay Foundation, Inc., \$563 for the creation of a resource network to connect more students to the Bay

Chesapeake Bay Foundation, Inc., \$70,000 to establish school and non-profit partnerships to advance environmental education

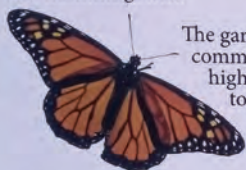
Chesapeake Conservancy, \$49,533 for the design of a dataflow map of watershed protected lands

Chesapeake Rivers Association, \$161,544 for a stream restoration project involving invasive species removal and habitat installation

City Gate Homeowners Association, \$3,300 for invasive species removal and native plant installation with signage

CEDAR RIDGE POLLINATOR GARDEN

Our garden was planted with 195 shrubs and perennials that have especially attractive attributes for pollinators, including bees, butterflies and hummingbirds.



The garden was planned to be directly adjacent to the community pool and central walkway so that it is a highly visible and beautiful feature for residents to enjoy and as a reminder to not use pesticides that could kill pollinators.

This garden is a visually exciting planted entryway that continues through the Green Alley and to the rain garden.



HLA | Huestead Landscape Architecture
LANDSCAPE ARCHITECTURE & PLANNING



Cedar Ridge Homes Association installed a pollinator garden and associated signage to educate residents and visitors.

THANK YOU to our Funding Partners

We extend our thanks to our many federal, state, local, corporate, and foundation funding partners who enable us to expand our reach and make these projects possible. For a list of our partners, see page 16.

THANK YOU to our External Technical Review Panelists

The Trust's ability to rigorously review and award diverse projects is enabled by the many independent experts who volunteer to review thousands of proposals. The Trust sincerely appreciates their time, effort, and involvement!

2018-2019 Grants and Projects

Department of Natural Resources, \$1,000 for support of the 24th Annual Maryland Water Monitoring Council Conference

Fishing Creek Farm HOA, \$97,229 for invasive species removal and reforestation of 8 acres

Key School, \$5,000 for 40 4th graders to install campus rain gardens

Magothy River Middle School, \$2,500 for a native tree planting

Mary Moss @ J. Albert Adams, \$4,675 for a water quality monitoring program for 100 alternative education students

Maryland Association of Floodplain and Stormwater Managers, \$1,000 for an annual conference

Pleasant Plains Home Owners Association, \$4,890 for invasive species removal and installation of native grasses with signage

Riva Trace Council, \$3,884 for installation of an erosion control demonstration garden

Riva Trace Council, \$5,000 for installation of a conservation landscape

Summit School, \$3,590 for a farm trip and planting at Roedown Farms by 60 6th graders

Summit School, \$310 for participation in an oyster garden program

Western Maryland Resource Conservation & Development Council, \$1,250 for installation of wetland plants to stabilize riprap shoreline

Woods Memorial Presbyterian Church, \$2,500 for a reforestation project with native trees and shrubs

BALTIMORE

Catonsville Elementary School, \$2,300 for a research vessel field trip for 100 4th graders and a school litter pickup

Gunpowder Valley Conservancy, \$75,000 for an education campaign to faith communities and installation of bioretention projects

Immaculate Conception School, \$5,000 for 114 4th and 5th graders to investigate environmental impacts on Jones Falls watershed

Johnson, Mirmiran & Thompson (JMT), \$76,379 for professional development of organizations increasing large scale watershed restoration project management

NeighborSpace of Baltimore County, Inc., \$951 for an invasive species removal and native planting project

Patapsco Heritage Greenway, Inc, \$1,249 for storm drain paintings demonstrating impact of runoff by elementary students

Pearlstone Conference & Retreat Center, \$101,239 for stormwater management and stream restoration

Sparrows Point Middle School, \$5,000 for an overnight habitat exploration and green space creation by 150 6th graders

Stemmers Run Middle School, \$5,000 for a schoolyard habitat restoration project by 250 6th graders

Tetra Tech, Inc., \$89,957 for a comprehensive regional assessment of fish habitat restoration

Towson University, \$23,054 for planting of native and trees, invasive species removal, and outreach events

BALTIMORE CITY

3200 Carlisle Block Association, Inc., \$3,608 for the installation of cisterns, rain barrels, and a community garden

Arlington Elementary Middle School #234, \$5,000 for a week long field trip and outdoor classroom installation by 120 7th and 8th graders

Audubon Maryland - DC, \$7,500 for technical marketing and leadership capacity support

Baltimore Lab School, \$5,000 for a field trip and action projects for 134 1st-12th graders

Baltimore Museum of Art, \$4,984 for a native and food garden project, stormwater treatment, and community education



The Baltimore Museum of Art transformed an eroding, barren slope into a beautiful oasis of plants, art, and wildlife habitat producing local food for the museum's Gertrude's restaurant.

Baltimore Tree Trust, \$50,000 to plant 300 trees in East Baltimore neighborhoods

Baltimore Underground Science Space, \$5,000 for Baltimore Harbor water quality monitoring and reporting

Baltimoreans United In Leadership Development, \$7,500 for community outreach to reinforce trash abatement

Baltimoreans United In Leadership Development, \$35,496 for community tree canopy expansion of 120 trees

Blue Water Baltimore, \$67,500 for a collaborative community health and waste reduction project



BEFORE



AFTER

Waste reduction programs, such as this one through the East Baltimore Collective and Blue Water Baltimore, connect neighborhoods and address ongoing litter issues while improving green space and public health in vacant urban areas.

2018-2019 Grants and Projects

Blue Water Baltimore, \$49,991 for support of a community greening project

Blue Water Baltimore, \$29,982 for support of water quality testing and pollution education

Bon Secours Unity Properties, \$29,885 for stormwater designs for the Splash and Community Park

Center for Watershed Protection, Inc., \$16,209 for the removal of impervious areas and bioretention design

Central Baltimore Partnership, \$1,250 for public trail nature enhancements

Church of the Guardian Angel, \$4,269 for conservation landscaping installation and water harvesting workshops

City Neighbors Foundation, \$55,132 for the development and design of a green infrastructure master plan

Civic Works, Inc., \$30,000 for a stormwater management career training program for underserved communities

Cross Country Elementary School, \$5,000 for 95 6th graders to study the water quality of Western Run and develop an action project

Glenwood Life Counseling Center, \$25,000 for site clearing and clean-up, a native garden, and outreach events

Greater Baybrook Alliance, \$60,000 for the design of green infrastructure practices

Greater Grace World Outreach, Inc., \$61,350 for installation of two bioretention facilities and an education campaign

The Green School of Baltimore, \$2,345 for field trips and action projects for 132 elementary students

Hamilton Elementary Middle School #236, \$4,045 for a field trip for 91 5th graders and rain garden installation

Hampden Elementary/Middle School #55, \$5,000 for a pollinator garden planting with St. Luke's Evangelical Lutheran Church

Homewood Friends Meeting, \$5,000 for installation of cisterns, native plants, pollinator and bird-friendly gardens

Interfaith Partners for the Chesapeake, \$7,500 for development of a fundraising plan

Lakeland Elementary/Middle School, \$5,000 for a marine debris field experience and litter reduction action project for 100 6th graders

Living Classrooms Foundation, \$1,018 for a nature photography workshop for underserved communities

Living Classrooms Foundation, \$1,250 for a rain garden installation at the New Era Academy



The Waterfront Partnership of Baltimore's installation of a rain garden in Harris Creek Park, adjacent to the Professor Trash Wheel, reduces pollution both on land and in water.

Maree G. Farring Elementary/Middle School, \$5,000 for 75 6th graders to research the Bay's importance to Maryland's economy, environment, and history

Mount Clare Community Council, \$7,511 for vacant lot greening and beautification

Mount Lebanon Baptist Church, \$17,021 for stormwater planters, cisterns, and educational signage

National Wildlife Federation, \$1,241 for an environmental justice community forum

National Wildlife Federation, \$15,000 for a faith based campaign to connect with environmental organizations for resource support

National Wildlife Federation, \$1,000 to connect environmental professionals and provide industry training

Neighborhood Design Center, \$7,500 to support a development plan for technical capacity

No One Left Unhelped Inc, \$5,000 for native tree and plant installation and a community clean-up project

North Baltimore Presbyterians, \$1,110 for the creation of a native "labyrinth" and the removal of invasive species

Parks & People Foundation, \$21,764 for support of a SuperKids environmental education camp program

Patterson Park Audubon Center, \$27,320 for migratory bird conservation efforts in the Latino community

Peoples' Community Lutheran Church, \$74,997 to replace impervious surfaces with rain gardens

ReBUILD Metro, Inc., \$7,500 for financial and fundraising capacity building

Reginald F. Lewis High School Agriculture Department, \$5,000 for stewardship and watershed education of 100 agricultural students

Saint Ignatius Loyola Academy, \$2,305 for 29 7th graders to study oysters and release spat at an oyster sanctuary

Sandtown South Neighborhood Alliance, \$2,742 for a vacant lot greening

Southeast Community Development Corporation, \$7,500 for technical capacity building support

Southeast Community Development Corporation, \$1,250 for implementation of small-scale restoration and community-wide trash clean-ups

Southeast Community Development Corporation, \$5,000 for 25 4th and 5th graders to investigate solid waste impact in the Baltimore Harbor and school playground pollution



No One Left Unhelped, Inc., a nonprofit focused on curbing violence by enhancing community, won 1st place in the first Mayor Cleanup Cup Challenge collaborating with another group to collect over 10 tons of litter pollution in the City of Baltimore.

2018-2019 Grants and Projects

Southeast Community Development Corporation, \$27,984 for community maintenance training of bioretention gardens and tree wells

St. Luke Evangelical Lutheran Church, \$1,032 for the installation of a native pollinator garden, rain barrels, and signage

The 6th Branch, \$37,767 for a vacant lot master plan

The 6th Branch, \$30,000 for the design of green infrastructure practices

Thomas Johnson Elementary School, \$5,000 for a field trip of 58 6th graders to investigate human impact on the environment

University of Maryland Medical System Foundation, \$5,000 for a community clean-up and installation of native plantings

Viers Mills Elementary School, \$2,248 for a research vessel field trip for 100 4th graders and a school litter pickup

Volunteering Untapped Incorporated, \$4,000 for the Druid Hill Park and Druid Heights neighborhood clean-up

Waterfront Partnership of Baltimore, Inc., \$1,250 for a storytelling event sharing histories of environmental work and activism by residents

Waterfront Partnership of Baltimore, Inc., \$39,785 for development of a teacher watershed education program

Waterfront Partnership of Baltimore, Inc., \$68,365 for a rain garden installation in the Harris Creek watershed

The William J. Watkins, Sr. Educational Institute, Inc., \$4,710 for environmental education and workforce development for 30 high schoolers

CALVERT

American Chestnut Land Trust, \$9,893 for the implementation of a community watershed awareness and stewardship program

Calvert County Public Schools, \$79,286 for the development of a county-wide, 5th grade watershed educational experience program

Jefferson Patterson Park and Museum, \$1,250 for a social media pet waste outreach campaign for neighborhood dog owners

CAROLINE

Adkins Arboretum, \$1,250 for installation of a "beaver deceiver" to enhance wetland function

Adkins Arboretum, \$1,250 for the installation of a nature play space

ShoreRivers, Inc., \$18,962 for a groundwater trench denitrification wall to reduce nitrogen in the Templeville town pond

CARROLL

Carroll County Public Library, \$5,000 for the installation of native trees, plants, and signage

CECIL

Cecil County, Maryland, \$50,000 for support of a school stormwater retrofit project

Elk Neck Elementary School, \$4,034 for a field trip for 4th and 5th graders to conduct habitat surveys and stream cleanups

ShoreRivers, Inc., \$174,336 for the design of stream restoration projects



Each year, ShoreRivers teaches elementary schoolchildren about healthy, fishable, and swimmable waterways.

CHARLES

Charles County Public Schools, \$42,017 for the development of a countywide, 3rd grade watershed curriculum

DORCHESTER

Audubon Maryland - DC, \$923 for the purchase of an autonomous recording unit to monitor difficult to detect marsh birds.

Cambridge Main Street, \$100,000 for green stormwater infrastructure and parking lot pervious pavement installation

Nanticoke Watershed Alliance, \$18,078 for support of a volunteer-based aquatic grass survey and grow-out program

ShoreRivers, Inc., \$4,992 for an oyster aquaculture and planting project for Dorchester, Queen Anne's, and Talbot County high schools

University of Maryland Center for Environmental Science, \$5,000 for high school "Students for Streams" drone mapping workshops

FREDERICK

Hood College: Center for Coastal and Watershed Studies, \$250 for support of a community Green Neighbor Festival

John Poole Middle School, \$2,650 for 90 students to plan, design, and implement a rain garden at Bar-T Mountainside

Town of Emmitsburg, \$3,000 for community stormwater runoff education and marking

GARRETT

The Nature Conservancy, \$1,230 for monitoring and planting of red spruce trees

Northern Garrett High School, \$1,200 for a wetland visit, native planting, and invasive species removal on campus by 40 students



Adkins Arboretum received a grant for work to ensure that beavers and nature can complement each other's activities.

2018-2019 Grants and Projects



Pet waste pollutes water and leads to potential health risks. This year, the Trust funded a number of projects aimed at responsible pet ownership such as that of Friends of the Patapsco Valley Heritage Greenway, Inc.

HARFORD

Alliance for the Chesapeake Bay, \$75,000 to implement a private landowner forest buffer outreach plan

Harford Land Trust, Inc., \$250 for support of an environmental community networking event

Harford Soil Conservation District, \$75,000 for project design to reduce runoff from 79 impervious acres

Holy Communion Lutheran Church, \$5,000 for rain barrel installation and conservation education workshop

Interfaith Partners for the Chesapeake, \$17,000 for outreach to engage faith-based congregations in restoration projects

Otter Point Creek Alliance, \$1,480 for the design of a natural play space

Otter Point Creek Alliance, \$1,250 for construction of a nature play space

St. Joan of Arc School, \$4,278 for the installation of a garden, rain barrels, and composting by 198 K-8th graders

Susquehannock Wildlife Society, Inc., \$6,000 to create a video on native planting and wildlife habitats

HOWARD

Center for Watershed Protection, Inc., \$1,000 to support a watershed and stormwater conference

Center for Watershed Protection, Inc., \$46,550 for a literature review on techniques to reduce salt loading to streams

First Evangelical Lutheran Church, \$41,200 for native plantings and stormwater management

Friends of the Patapsco Valley Heritage Greenway, Inc., \$50,000 for a pet waste behavior change campaign to address bacteria issues in Deep Run

Hollifield Station Elementary School, \$4,635 for watershed health education professional development for 20 teachers

Howard County Conservancy, Inc., \$25,776 for restoration and habitat creation of 4.5 acres

Howard County Recreation & Parks, Natural & Historic Resources Division, \$1,247 for the installation of a American Woodcock habitat restoration project

Howard EcoWorks, \$40,000 for tree planting projects and associated community outreach

Lubavitch Center of Howard County, \$4,749 for native habitat installation and sustainable ecosystems community workshops

Maryland Association for Environmental and Outdoor Education (MAEOE), \$1,000 for STEAM professional development to over 600 attendees

The Community Ecology Institute, \$40,000 for installation of tree groves, rain gardens, and pollinator gardens

University of Maryland Center for Environmental Science, \$251,729 to assess effectiveness of stormwater management site design objectives

KENT

Dunloggin Middle School, \$3,000 for oyster-focused professional development for 57 teachers

ShoreRivers, Inc., \$38,545 for a "Students and Streams" professional development series for teachers

Town of Betterton, \$4,915 for community stewardship presentations, natural resource pamphlets, and Bay-themed mural

MONTGOMERY

Anacostia Riverkeeper, \$54,000 for impervious surface removal, a rain garden, and native plant installation

Anacostia Riverkeeper, \$30,000 for gravel swale and conservation landscaping

Audubon Naturalist Society of the Central Atlantic States, Inc., \$1,238 for a small scale forest restoration project

Audubon Naturalist Society of the Central Atlantic States, Inc., \$1,500 for a workshop on small-scale restoration of a forest patch

Audubon Naturalist Society of the Central Atlantic States, Inc., \$68,067 for replacement of impervious surface with permeable pavers

Audubon Naturalist Society of the Central Atlantic States, Inc., \$31,180 for a stormwater management design plan development

Audubon Naturalist Society of the Central Atlantic States, Inc., \$47,873 for native plantings and invasive species removal of a forest buffer



Audubon Naturalist Society conducted several hands-on outreach programs in Silver Spring's urban immigrant community to teach waterway health in streams, how that relates to community health, and what can be done for improvement. Families caught and identified stream critters, removed invasive species, and conducted trash clean-ups.

2018-2019 Grants and Projects



Interfaith Partners of the Chesapeake cultivates congregations throughout Montgomery County in planning restoration projects on their grounds and increasing their environmental capacity through workshops.

Audubon Naturalist Society of the Central Atlantic States, Inc., \$24,343 for a watershed outreach program for underserved families

Audubon Naturalist Society of the Central Atlantic States, Inc., \$1,000 for the "Naturally Latino" conference promoting environmental stewardship within Latino communities

Bethesda Green, \$5,000 for stream cleanups and conservation projects as part of an environmental leadership program for high schoolers

Bethesda Green, \$80,000 for conservation landscaping and community outreach

Boy Scout Troop 291, \$841 for the installation of native tree protection fencing

Cedar Grove Elementary School, \$1,530 for native tree and rain barrel installation by 114 4th grade students

Friends of Cabin John Creek (and) Watershed, \$52,820 for a watershed protection awareness campaign for faith-based institutions

Friends of Sligo Creek, \$20,000 for a design to treat stormwater from impervious areas at Carolyn Condominium complex

Interfaith Partners for the Chesapeake \$23,074 for outreach to engage 10 faith-based congregations in restoration projects

Lead For Future Academy, \$4,945 for four community clean-up projects in Clarksburg

Little Falls Watershed Alliance, \$20,000 for conservation landscaping including bioretention installation and community outreach

Muddy Branch Alliance, \$5,000 to remove invasive species and turf and expand conservation landscaping through homeowner workshops

Muddy Branch Alliance, \$40,000 for design and installation of stormwater management practices and outreach

One Montgomery Green, \$5,000 for data collection and stream clean-up by 25 9th-12th graders

Our House Inc., \$70,000 for invasive removal, conservation landscaping, and stewardship training for at-risk youth

Springbrook High School, \$1,492 for water quality field trips and a watershed protection project by 30 high schoolers

St. Martin of Tours, \$1,193 for native grass planting and erosion identification by 25 5th graders

University of Maryland College Park, \$30,000 for a targeted stormwater outreach campaign

Westbrook Elementary School, \$5,000 for field trips investigating land use by 60 4th graders

Westbrook Elementary School, \$3,096 for 22 5th graders to raise and release trout and shad and participate in stream cleanups

PRINCE GEORGE'S

Anacostia Watershed Society, \$5,000 for a wetland restoration project by Edward Felegy Elementary School 4th graders

Cedar Haven Civic Association on the Patuxent River, Inc, \$5,000 for coastal community stormwater management workshops

Center for Watershed Protection, Inc., \$12,700 for an infiltration trench to return site to grass swale condition

Charles Herbert Flowers, \$5,000 for installation of a campus conservation landscape by 200 9th-12th graders

City of District Heights, \$108,579 for a bioretention implementation project adjacent to a walking trail

City of Hyattsville, \$100,000 for a green street project with improved connectivity and safety of area roads

City of Mount Rainier, \$166,707 for design and implementation of bioretention stormwater retrofit projects

Dance Exchange, \$5,000 for environmental professional development with arts integration for 120 teachers

End Time Harvest Ministries, \$1,000 to support the Port Towns Youth Council/ Pathways to Career Success Program

Global Health and Education Projects, Inc., \$40,000 to plant 100 trees to support the Family Tree Adoption Program

Maryland Black Mayors Inc, \$29,872 to educate and better connect elected officials and staff with stormwater management solutions

Maryland National Capital Park and Planning Commission, \$5,000 for high school summer environmental and agricultural career program

Neighborhood Design Center, \$15,000 for streetscape improvement and green infrastructure renovation of Brentwood communities

Northwestern High School, \$2,425 for 60 9th graders new to the U.S. to install a campus conservation garden

Oseh Shalom Synagogue, \$5,000 for a rain garden installation

Prince George's County Public Schools / Williams S. Schmidt Outdoor Education Center, \$4,370 for a summer camp experience for special needs students



Dance Exchange provided Prince George's County teachers with training in immersing art connections into their meaningful watershed educational experiences. Photo credit: Beth Brooks Mwano.

2018-2019 Grants and Projects



The Atlantic White Cedar Wetland Restoration project is a partnership of the National Aquarium and The Nature Conservancy. Atlantic white cedar is identified as a vulnerable tree species in the state of Maryland and is an important species in wetland forest restoration projects such as the Nassawango Creek Preserve.

Project Bright Future, \$3,400 for events to engage the faith community, with partner St. Stephen Baptist Church, in clean water topics

Town of Capitol Heights, \$200,000 for a "green street" implementation on Chamber Ave. including pilot stormwater practices

Town of Edmonston, \$1,250 for development of a middle school environmental club

Town of Edmonston, \$169,530 for stormwater treatment of urban impervious surfaces

University of Maryland College Park, \$150,079 for the evaluation of freshwater salinization impact of nutrient and metal mobilization

University System of Maryland Foundation-The Environmental Finance Center, \$1,250 for website enhancements to improve the Sustainable Maryland Program

QUEEN ANNE'S

Church Hill Elementary School, \$750 for a field trip to compare present day and historic Bay conditions for 52 4th graders

Grasonville Elementary School, \$2,893 for an oyster restoration project for 78 4th graders

ShoreRivers, Inc., \$15,241 for a real estate agent workshop on environmental practices

ShoreRivers, Inc., \$30,000 to implement conservation planting and stormwater practices on homesites and golf courses

ShoreRivers, Inc., \$17,171 for Cox Creek water quality improvement assessment and retrofit opportunities

Sudlersville Middle School, \$4,956 for 126 6th graders to complete an erosion control project

SOMERSET

Somerset County Public Schools, \$58,603 for watershed curricula development for 5th, 7th, and 9th grades

TALBOT COUNTY

Environmental Concern, \$1,248 for greenhouse growth of transplantable submerged aquatic vegetation

Future Harvest - Chesapeake Alliance for Sustainable Agriculture (C.A.S.A.), \$11,666 for technical support to build communications capacity

Maryland Environmental Service, \$1,500 for pollinator garden and habitat installation and invasive species removal

Partnerships for Ecological Restoration, Inc., \$30,000 for the design of wetlands and buffer plantings at a farm

ShoreRivers, Inc., \$1,250 for the development of a native trees workshop

ShoreRivers, Inc., \$1,373 to support a community oyster restoration event with Chesapeake Conservation Corps members

ShoreRivers, Inc., \$4,478 for the support of State of the Rivers materials

Talbot County Public Schools, \$5,000 for a field investigation on wetland restoration by 354 6th graders

The Ocean Foundation, \$4,996 for a pilot behavior change campaign for the protection of submerged aquatic vegetation

The Ocean Foundation, \$30,000 for a recreational boater campaign on the value of submerged aquatic vegetation

YMCA of the Chesapeake, \$4,984 for an after school oyster program for middle and high schoolers

WASHINGTON

C&O Canal Trust, \$1,250 for a workshop series demonstrating the benefits of pollinator gardens, composting, and stormwater management

Town of Hancock, \$4,679 for litter clean-up and native tree planting

Washington County Public Schools, \$80,000 for environmental education curricula for all county students

WICOMICO

Comite de Apoyo a los Trabajadores Agrícolas - CATA, \$16,956 to support development of fundraising capacity

National Aquarium, \$4,950 to plant 4,000 Atlantic White Cedar trees at the Nassawango Creek Preserve

Surfrider Foundation, \$11,666 for a plastic pollution reduction and clean energy campaign

Wicomico County Board of Education / Public Schools, \$40,000 for the development of systemic K-12th grade Watershed Educational Experience programs

Wicomico County Board of Education / Public Schools, \$5,000 for environmental education professional development for 17 teachers

WORCESTER

Assateague Coastal Trust, \$61,600 for staff capacity support and collaborative network efforts

Lower Shore Land Trust, \$15,000 for a pollinator campaign including signage, programming, and garden installation



ShoreRivers was awarded a grant to reduce nitrogen, phosphorus, and sediment pollution draining from a neighborhood and a golf course to support Queen Anne's County Watershed Plan goals.

2018-2019 Grants and Projects



Students at Penns Valley Area School District raise and release brook trout to learn about watershed biology.

Maryland Coastal Bays Program, \$1,250 for a waste-free campaign for local businesses

Maryland Coastal Bays Program, \$1,250 for the installation of a pollinator garden

Pocomoke Middle School, \$2,498 for 80 7th graders to study water quality and install a native garden

Town of Berlin, \$75,000 for submerged gravel wetlands for stormwater management

STATEWIDE

Action Research, \$74,993 to create a living shoreline program for shoreline landowners

Caribbean Wind LLC, \$80,000 for a real-time dissolved oxygen vertical monitoring system

Environmental Leadership Program, \$10,436 for Conservation Corps leadership training and professional development

Exponent, \$134,700 for assessment of best management practices of watershed pollutants regulatory data

Maryland Department of Natural Resources (DNR), \$1,218 for investigation of fresh water mussels as a nutrient reducing best management practice

Maryland Department of Natural Resources, Chesapeake and Coastal Service, \$25,000 for marine debris collection and disposal

Path Forward Consulting, \$5,000 for Conservation Corps diversity, equity, and inclusion training

Socially Responsible Agricultural Project, \$10,333 for outreach capacity building

Tetra Tech, Inc., \$125,098 for analysis of the effects of climate change with stormwater practice effectiveness.

Water Words That Work, LLC, \$2,544 for a Chesapeake Conservation Corps communications training

Waterkeepers Chesapeake, \$11,667 for staff professional development and industry memberships

DELAWARE

Town of Laurel, \$50,000 for engineered designs to improve stormwater management

PENNSYLVANIA

Appalachian Trail Conservancy, \$30,000 for leadership and management capacity building support

Borough of Marietta, \$29,995 for engineered designs for green infrastructure improvements on Front Street

Capital Area Resource Conservation and Development Council, Inc., \$22,000 to support a partnership outreach plan and develop communication capacity

City of Lancaster, Pennsylvania, \$15,000 to create a Green Master plan for multi-family communities

Conestoga Valley School District, \$100,000 for training, partnership, and environmental literacy plan development

Conservation Foundation of Lancaster County, \$50,000 to create a water quality best management practice report card

Diakon Child, Family & Community Ministries, \$2,560 for hands-on water conservation activities, field trips, and presentations by 20 7th-12th graders

Lacawac Sanctuary, \$5,000 for water quality monitoring field trips for 4th-6th graders

Lacawac Sanctuary, \$4,993 for professional development for 10-20 watershed educators

Land Conservancy of Adams County, Inc., \$15,000 for a fundraising plan

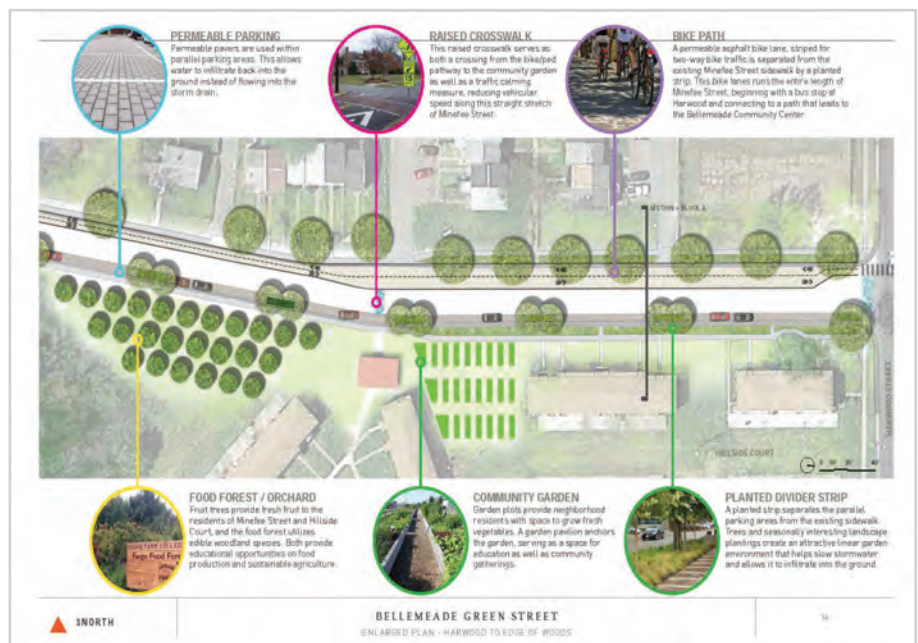
Penns Valley Area School District, \$2,500 for a summer camp and classroom brook trout project by 126 7th graders

Potter County Conservation District, \$3,318 for an EnviroDIY Mayfly Data Logger Station and training for 60 high schoolers

Stroud Water Research Center, Inc., \$69,900 for development of scholastic installation and restoration best management practices reporting

Susquehanna Heritage, \$1,250 for pollinator garden and educational space installation

Susquehanna Heritage, \$1,843 for installation of schoolyard pollinator habitat by 75 4th graders



The goals of the James River Association's Minefee Green Street project are to create a safe route for kids to bike to school, increase tree canopy, and improve water quality through replacing pavement with bioretention and street planters.

2018-2019 Grants and Projects

Waynesboro Area Middle School, \$4,960 for water quality and indicator monitoring education of 6th-Grade teachers

Wrightsville Borough, \$68,894 for green infrastructure enhancements along Front Street

VIRGINIA

Alliance for the Shenandoah Valley, \$128,300 for technical and leadership capacity building

Belvedere Elementary School, \$4,800 for habitat health assessment and action project by 135 5th graders

Booker T. Washington Middle School, \$4,150 for a classroom submerged aquatic vegetation project

Boxerwood Education Association, \$5,000 for 7th graders to learn about connections between headwaters and the Bay through field trips

Chesterfield County Public Schools, \$5,000 for field trips, storm drain stenciling, and native seed bomb creation by 100 6th-7th graders

City of Portsmouth, \$100,000 for construction of a green street in historic Olde Town

Colonial Virginia Council, BSA, \$5,000 for construction of a campus rain garden by 300 elementary students

Friends of the Rappahannock, \$5,000 for environmental education curriculum development at multiple middle and high schools

Graham Road E.S. Fairfax County Public School System, \$1,650 for a boat tour and campaign about human impact on waterways by 49 5th graders

Green Muslims, \$5,000 for a climate change program with elementary schoolers

Holston High School, \$4,984 for campus investigation of nitrate levels in streams and surface waters by 50 high schoolers



Green Muslims provides education about natural resource topics through their "Our Deen is Green" program, connecting the basic tenets of Islamic faith to environmental stewardship ethics.

J&J Okay Consulting, Inc., \$73,517 for campaign development of a forest buffer restoration

James River Association, \$161,111 for construction of a 0.4 mile green street along Richmond's Minefee Street

James River Association, \$5,000 for watershed health investigation and a stormwater project by 180 5th graders

James River Association, \$1,800 for Ecology School participation, trash cleanup, and campus storm drain stenciling by 35 high schoolers

James River Association, \$5,000 for a boat trip and wildlife data collection by 120 4th and 5th graders

Kiptopeke Elementary School, \$2,654 for investigation by 119 4th/5th on impact of watersheds on daily life and rain barrel installation

Lacey Spring Elementary School, \$5,000 for 470 students to create an agriculture and conservation event

National Municipal Stormwater Alliance, \$250,000 for development of next generation redevelopment technologies

National Municipal Stormwater Alliance, \$100,000 for support of innovations in community-based partnerships and program approaches

Medina Center LLC, \$4,500 for 20 1st 6th graders to investigate the human impact on the Bay watershed

Newport News Public Schools, \$4,002 for a water quality field trip and a community environmental awareness presentation

Page County Public Schools, \$1,985 for 47 4th graders to raise trout and test water quality

Potomac Riverkeeper Network, \$100,000 for support of collaborative forums addressing environmental economic impact

Prince William County Public Schools Office of Student Learning, \$4,800 for environmental education professional development of 15 to 20 teachers

Richmond Waldorf School, \$3,000 for a 4-day outdoor wilderness experience with 16 4th graders

Rivanna Conservation Alliance, \$4,999 for water quality field trips and a watershed protection project by 200 6th graders

Sandusky Middle School, \$5,000 for field trips on the James River and water quality testing by 175 8th graders

Shenandoah Valley Pure Water Forum, Inc., \$4,735 for middle schoolers to participate in after school environmental program

Skyline High School, \$5,000 for water quality field trips and monitoring for 150 9th graders

The Conservation Fund, \$20,500 for delivery of a finance workshop to 40 watershed practitioners

Village School, \$1,101 for 76 students to restore stream buffer, build bridges, and keep bees

Virginia Institute of Marine Science, School of Marine Science, College of William & Mary, \$49,994 for an eco-system hybrid living shoreline plan

Virginia Institute of Marine Science, School of Marine Science, College of William & Mary, \$80,000 to establish shoreline condition thresholds for Bay forage species/submerged aquatic vegetation

Water Environment Federation, \$150,000 to support initiatives for clean water technologies for resilient redevelopment



The Village School was awarded a grant for their "Bees, bridges and buffer zones" project. The project aims to promote local awareness about the health of the Bay watershed and to spur a ripple effect of student action to raise bees and restore stream buffers.



Annual Scholarship & Awards Program

The Trust honored five exceptional environmental leaders and two organizations for their outstanding contributions to education, watershed restoration, and volunteerism this year.

2019 DR. TORREY BROWN AWARD

The Honorable John C. Astle
Anne Arundel County

2019 EDUCATOR OF THE YEAR

Kimberly P. Tucker, Ph.D.
Stevenson University, Baltimore County

2019 STUDENT OF THE YEAR

Nicholas Kophengnavong
Baltimore Polytechnic Institute
Baltimore City

2019 THE HONORABLE ARTHUR DORMAN SCHOLARSHIP

Maleah Smith
Huntingtown High School, Calvert County

2019 ELLEN FRAITES WAGNER AWARD

Stuart Clarke
Town Creek Foundation, Talbot County

2019 MELANIE TEEMS AWARD

Frederick Food Security Network
Hood College Center for Coastal and Watershed Studies
Frederick County

2019 COMMERCIAL STEWARDS AWARD

Irish Restaurant Company
Anne Arundel County

WASHINGTON, DC

Anacostia Watershed Society, \$5,000 for 400 2nd graders to learn about meadows and stream buffers

Anacostia Watershed Society, \$5,000 for 5 schools to participate in a shad restoration program

Capital City Public Charter School, \$2,650 for 46 high schoolers to build oyster floats and host a school Oyster festival

Clean Water Fund, \$145,000 to build capacity for grassroots environmental leadership

E.L. Haynes Public Charter School, \$5,000 for a wetland planting and a water conservation PSA project for 3rd graders

Endangered Species Coalition, \$3,000 for wetland expansion and native plant installation by Sacred Heart School 6th graders

Live It Learn It, \$5,000 for an Anacostia River field trip and garbology action project for 5th graders

Mountainside Education and Enrichment, Inc., \$5,000 for 60 middle schoolers to design projects to mitigate erosion

Rock Creek Conservancy, \$18,295 for community engagement, maintenance, and workforce development for green street projects

Wilderness Leadership & Learning, Inc. (WILL), \$5,000 for field trips to broaden Bay knowledge and stewardship of 36 9th graders

WEST VIRGINIA

Cacapon Institute, \$45,194 for culvert assessments of Tuscarora and Mill Creeks

Cacapon Institute, \$20,000 for training, partnership, and environmental literacy plan development

City of Martinsburg, WV, \$30,000 for a green street engineered design of a flood prone area

City of Ranson, \$30,000 for engineered design of a green street and stormwater park

Eagle School Intermediate, \$5,000 for experiments and analysis of local watersheds by 300 4th graders

The Eastern West Virginia Community and Technical College (Eastern) Workforce Opportunity Regional Center and Services, Inc. (WORCS), \$70,000 for development and promotion of the use of biochar for environmental improvement

Wind Dance Farm & Earth Education Center, \$4,996 for fish hatchery field trip and installation of an outdoor classroom by 80 students

WATERSHED-WIDE

Action Research, \$69,986 for a behavior change training and submerged aquatic vegetation pilot implementation

EA Engineering, Science, and Technology, Inc., PBC, \$195,692 to evaluate the effectiveness of stream restoration on the macro-invertebrate community

Research Triangle Institute, \$74,995 to quantify the value of green infrastructure related to area flooding

Sitelab Corporation, \$85,000 for the creation of a standard operating procedure certification for parking lot sealcoats

T.J. Boyle Associates, LLC, \$75,000 for development of methodology assessment of visual impacts on scenic landscapes

The Great Chesapeake Bay Swim is one of America's premier open water swim challenges. Held annually, this 4.4 mile open water swim is not only a bucket list event for participants, but also a fundraising event benefiting several non-profits including the Chesapeake Bay Trust. Photo credit: Chris Bernacchi - endurophoto.com

