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# CBTRUST

Chesapeake Bay Trust

A large graphic banner for the Chesapeake Bay Trust. It features a stylized bridge in the background, a large crab in the foreground, and the text 'CBTRUST' in large, bold, black letters. Below the main title, it says 'Chesapeake Bay Trust'. The background is a light blue sky and water.

CELEBRATING 35 YEARS



# 2019-2020 Year in Review



## WILDLIFE & HABITAT

**157,836** native trees, pollinator plants, marsh grasses, and other native plants installed

**34** acres of forests, stream buffers, meadow, and wetlands created or restored

**28** acres of invasive species removed

**295,595** oysters and fish raised and released

## STORMWATER

**80** acres of impervious surface treated or removed

**59,384** square feet of rain gardens created

**213** storm drains stenciled

**317** rain barrels installed

**76,136** pounds of trash removed, including single-use plastics that choke wildlife and harm our ecosystems' health



## EDUCATION & OUTREACH

**48,199** students engaged by **2,758** teachers

**50,219** people educated through **1,826** workshops

**14,681** volunteers engaged, donating **117,008** hours



# CHESAPEAKE BAY TRUST



## FISCAL YEAR 2020 GOVERNOR-APPOINTED TRUSTEES

### CHAIR OF THE BOARD

**Gary Jobson**  
*Jobson Sailing, Inc.*

### VICE CHAIR

**Benjamin S. Wechsler**  
*Yumkas, Vidmar, Sweeney, & Mulrenin*

### TREASURER

**F. Carter Heim**  
*HeimLantz, P.C.*

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**Dr. Erica Anthony**  
*Morgan State University*

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*Johns Hopkins University*

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**Joe Koch**  
*Washington Area New Automobile Dealers Association*

**Anthony Murray Leigh**  
*U.S. Department of Veterans Affairs*

**Dr. Thomas Miller**  
*Chesapeake Biological Laboratory, University of Maryland Center for Environmental Science*

**The Honorable Todd Morgan**  
*St. Mary's County Board of Commissioners*

**Bryan Offutt**  
*E3 Ranch Company*

**Thomasina Poirot**  
*Venable LLP*

**John R. Valliant**  
*Grayce B. Kerr Fund*

### EFFECTIVE JULY 2020:

**Alexander G. Núñez**  
*BGE*

### EX OFFICIO TRUSTEES

**The Honorable Pam Beidle**  
*Maryland State Senate*

**Lee Currey**  
*Maryland Department of the Environment*

**Matt Fleming**  
*Maryland Department of Natural Resources*

**The Honorable David Fraser-Hidalgo**  
*Maryland House of Delegates*

**Jason Keppler**  
*Maryland Department of Agriculture*

### COUNCILMEMBERS

**Beth Caro**  
*Tag and Title Service of Maryland*

**Thomas C. Ervin**  
*The Snyder-Ervin Group*

**Dr. Rhonda Jeter**  
*Bowie State University*

**Vernice Miller-Travis**  
*Metropolitan Group*

**John Quinn**  
*BGE*

### TRUSTEES COUNCIL

**The Honorable John Astle**

**The Honorable Virginia Clagett**

**Paul Allen**

**Peter Byrnes**

**Fran Flanigan**

**John Griffin**

**Warren Hamel**

**Bob Hoyt**

**Virginia Kearney**

**Midgett Parker**

**Martin Poretsky**

**Tara Potter**

**Terence Smith**

**Melanie Teems**

The Chesapeake Bay Trust is a nonprofit, grant-making organization working towards a vision of healthy and safe watersheds in Maryland and the Chesapeake Bay region by empowering diverse groups to take actions that enrich natural resources and local communities. Since 1985, the Trust has awarded more than \$130 million in grants and projects for education, watershed restoration, capacity building, and science that have engaged over two million dedicated individuals.

## Our Core Values

### LEARNING

The Trust is constantly learning from a wide range of constituencies, including our collaborators, our grantees, and our critics, and is willing and able to embrace new approaches that help us meet our goals.

### SCIENCE AND INNOVATION

The Trust uses the best available natural and social scientific information to guide our actions. Where needs or information gaps exist, the Trust supports the pursuit of new tools and information.

### ENGAGEMENT OF A GRANTEE COMMUNITY

Our vision of healthy natural resources for all relies on a wide range of types of groups. Power exists in giving local on-the-ground groups ownership of projects that make a difference.

### DIVERSITY AND INCLUSION

The watershed will not be restored without a broad range of communities investing in their natural resources, reaping the benefits of a healthier environment and economic and health co-benefits. Success hinges on understanding and connecting to the values and interests of diverse, often under-engaged communities.

### FISCAL RESPONSIBILITY

The Trust holds itself to the highest standards as the steward of contributions made to the Trust.

### TRANSPARENCY AND ACCOUNTABILITY

The Trust uses transparent and rigorous decision-making in its management of contributions made to the Trust, in implementing our grant-making programs, and in operating internally.



# Letter from the Executive Director



**The year 2020 was transformational for almost everyone:** nonprofits, for profits, governments all struggling with changing revenue streams amidst dealing with personal impact as a result of the novel coronavirus and the illness it causes, COVID-19.

**We feel so fortunate at the Chesapeake Bay Trust to still be standing strong at the end of our Fiscal Year 2020.** The main reason is the unbelievable resilience of our grantees and our partners, who showed how adaptable and ingenious they are as a community and how quickly we can all adjust. Our educator grantees shifted to virtual learning, and adeptly brought their environmental stewardship work to that forum. Instead of large group field trips, teachers offered outdoor lessons students could do independently at home. Our community group grantees did not give up on their projects; they simply found a way to enable physical distancing. One of our favorite stories is a church rain garden project that was initially envisioned as a group volunteer planting day. The organizers ingeniously shifted to a “plant by number” (after the “paint by number”) model that volunteers could undertake at different times but still feel part of a larger effort. Our researchers got back in the field as soon as they could to continue data collection.

**Most importantly, a larger audience than we ever hoped for began to understand the value of the outdoors because indoor venues were closed.** Fishing license applications skyrocketed, visits to local parks exploded, and people found natural resource gems in their backyards they never knew existed.

**More and more people are beginning to understand what science has shown us for decades: People who spend time outdoors are healthier, which means they likely have fewer underlying conditions, which means they are poised to be able to withstand attacks like COVID-19 better.** We need to make sure ALL of our residents have access to healthy, clean, green outdoor spaces, and that we work to solve race-based, socioeconomic-based, and other disparities in this access.

**In the pages that lie ahead is our portfolio of the \$11.1 million in projects the Trust was able to fund this year, through the Chesapeake Bay vehicle license plate, donation line on the state tax form, multiple partnerships with other funders, and other sources that reach such incredibly diverse audiences in every corner of our watersheds.** Taken together, these 350 projects tell the story that hundreds of thousands of people care about our natural resources, want to take action, and will find a way to do so even in light of COVID-19.

Jana Davis, Ph.D.  
Executive Director



## CHESAPEAKE BAY TRUST STAFF

Jana Davis, Ph.D.  
*Executive Director*

### FINANCE AND ADMINISTRATION

Jeanne Nelson  
*Controller*

Heather Adams  
*Administration Officer*

Sarah Higgins  
*Office Manager*

Millicent Goodger  
*Accounting Consultant*

Sandi Hiller  
*Accounting Consultant*

### OUTREACH AND EDUCATION PROGRAMS

Kacey Wetzel  
*Director of Programs for Outreach and Education*

Tara Drennan  
*Senior Program Officer*

Bre'Anna Brooks  
*Program Officer*

Emily Stransky  
*Program Officer*

Joseph Toolan  
*Program Assistant*

### RESTORATION PROGRAMS

Sadie Drescher  
*Director of Programs for Restoration*

Jeffrey Popp  
*Senior Program Officer*

Sarah Koser  
*Senior Program Officer*

Nguyen Le  
*Program Coordinator*

Katherine Somoza-Garcia  
*Program Assistant*

Emma Cwalinski  
*Intern*

### DEVELOPMENT, MARKETING, AND COMMUNICATIONS

Kelly Swartout  
*Director of Development and Marketing*

Terry Pompey  
*Marketing Officer*

Nikki Tyree  
*Development Coordinator*

Kristina Arreza  
*Intern*



The Chesapeake Bay Trust works with many funding partners to collaboratively support natural resources 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 effectiveness of individual organizations and groups of organizations working to advance natural resource restoration and protection.

# 2019-2020 Grants and Projects

## ALLEGHANY

**Alleghany County Recycling, \$1,250** to create a used cooking oil drop off site for future recycling into biofuels

**The Nature Conservancy, \$1,250** to quantify biological impacts of fire on resiliency of Appalachian forests

## ANNE ARUNDEL

**Alliance for the Chesapeake Bay, \$15,778** for communications tools and processes

**Alliance for the Chesapeake Bay, \$1,225** to develop an experiential watershed and agriculture curriculum for middle schoolers

**Annapolis Elementary School PTA, \$4,315** for field experiences at Back Creek Nature Park and via boat on the Severn River for 30 students

**Annapolis Green, \$750** to showcase a litter-reducing water tap

**Annapolis Landing Homeowners Association, \$2,500** to plant 30 trees

**Annapolis Maritime Museum & Park, \$11,307** for technology upgrades

**Annapolis Maritime Museum & Park, \$25,839** to support curriculum development for 400 students

**Annapolis Pride Inc, \$500** to increase watershed awareness among Pride Parade and Festival attendees

**Anne Arundel County Public Schools, \$5,000** for an intensive weeklong professional development experience for 20 teachers

**Anne Arundel Watershed Stewards Academy, \$17,490** for a strategic plan, staff structure analysis, and organization workplan

**Anne Arundel Watershed Stewards Academy, \$1,000** for equity-based scholarships to the Spring Into Action Conference

**Arundel Rivers Federation, \$1,456** to plant trees, shrubs, and marsh plants to help stabilize a shoreline in the West Shoreham Community

**Arundel Rivers Federation, \$102,807** to design the Quiet Waters Park Caffrey's Run stream restoration project.

**Arundel Rivers Federation, \$364,225** to restore 3,760 linear feet of stream and riparian buffer in Broad Creek Park

**Arundel Rivers Federation, \$349,312** to restore 2118 linear feet of stream in the Beards Creek watershed

**Arundel Rivers Federation, \$43,198** to restore 1300 linear feet of stream at the Girl Scout Camp Woodlands

**Chesapeake Conservancy, \$54,000** for environmental project technical assistance to private landowners

**Chesapeake Conservancy, \$1,216** for a bilingual "National Junior Ranger Day" at Sandy Point State Park

**Chesapeake Conservancy, \$1,000** to identify open space preservation opportunities in low income communities to reduce flood risk and quantify flood insurance discounts

**Chesapeake Rivers Association, \$120,000** to design the Anne Arundel SPCA stream, wetland and shoreline restoration project

**Chesapeake Rivers Association, \$242,567** for stormwater practices to help with drainage and water quality on a farm

**City of Annapolis, \$3,000** for a concept plan to address sea level rise and resiliency at City Dock

**Coastal Resources, Inc., \$48,038** for a fish-friendly and flood-resilience stream crossing design handbook



## THANK YOU to our Funding Partners

We extend our thanks to our many federal, state, local, corporate, and foundation partners who enable us to expand our reach and make these projects possible. For a list of our partners, see page 16-17.

## THANK YOU to our External Technical Review Panelists

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

<< Alleghany County will add used cooking oil recycling facilities at existing drop off sites to reduce the amount of used cooking oil in the sewer system. Ultimately, the used oil will be converted into biodiesel.



# 2019-2020 Grants and Projects

**Edgewater Beach Citizens Association Inc., \$5,000** for a goat-led invasive species removal project

**Friends of Jug Bay Wetlands Sanctuary, \$933** for a citizen science program to manage and track litter

**Hillsmere Shores Improvement Association, \$2,500** to plant 65 native trees and shrubs

**Key School, \$5,000** for 40 3rd-graders to study litter and build a waste receptacle/environmental sculpture

**Loch Haven Civic Association, \$129,034** for a 162-linear foot living shoreline project

**MacArthur Middle School, \$2,250** for 330 8th graders to visit Jug Bay Wetland Sanctuary and install a 600-foot rain garden

**Magothy Meadows Homeowners' Association, \$2,500** for invasives removal and native tree planting

**Mary Moss @ J. Albert Adams, \$4,750** for 80 students to build a campus greenhouse to enable native plant growth

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

**Maryland Department of Natural Resources (DNR), \$1,096** for a volunteer submerged aquatic vegetation (SAV) program

**National Wildlife Federation, \$60,750** to help Choose Clean Water members develop outreach campaigns

**National Wildlife Federation, \$29,960** to support the Young Professionals of Color mentorship program, designed to help close the racial gap in the conservation movement and build a pipeline of diverse leaders

**Olde Severna Park Improvement Association, Inc., \$800** to treat invasive Phragmites

**Riva Trace Council, \$4,910** for a pollinator garden

**Severn River Association, Inc., \$32,277** for a 100-linear foot living shoreline and 1500-square foot tidal wetland project

**Severn River Association, Inc., \$320** to map submerged aquatic vegetation (SAV)

**Severna Park Elementary School, \$5,000** for an outdoor classroom on campus

**Skeo Solutions, Inc., \$14,973** for cultural competency training to increase racial and ethnic diversity in the Chesapeake Bay Program Partnership

**Summit School, Anne Arundel County, \$4,240** for 60 middle schoolers to study animal populations and soil nutrients at Roedown Farms

**Tidewater Colony Open Space Association, \$2,500** for invasives removal and native tree planting

**Tidewater Colony Open Space Association, \$35,250** for invasive species removal and reforestation on 5 acres

**Ulmstead Club, Inc., \$18,900** to create 3 rain gardens in a parking lot

**Whitehurst Residents Club Association, Inc., \$500** to remove invasive species from a community play area

## BALTIMORE CITY

**Baltimore City College, \$1,700** for 49 high schoolers to study stream health

**Baltimore City Department of Planning, Baltimore Green Network, \$27,768** to remove 14,610 sf of impervious surface from and green a new portion of Cab Calloway Legends Park in Druid Heights

**Baltimore Community ToolBank, \$4,500** to encourage commercial neighbors to implement stormwater practices

**Baltimore Lab School, \$5,000** for 131 students to participate in NorthBay and Chesapeake Bay Foundation field trips

**Baltimore Polytechnic Institute, \$2,500** for 150 12th graders to canoe and study water quality at Masonville Cove

**Baltimore Tree Trust, \$66,331** for the Fells Point Gateway Tree Project along Eastern Ave and Fleet Street

**Baltimore Urban Debate League, \$5,000** for 80 students to plant native plants on campus and present ideas to elected officials



The Edgewater Beach Citizens Association has harnessed the power of goats to remove invasive species (they eat most anything!) to ready it for planting with native plants. A conversation starter!

**Blue Water Baltimore, \$49,892** to plant 150 trees in the Curtis Bay and Brooklyn communities

**Blue Water Baltimore, \$5,000** for a video to illustrate different green stormwater techniques

**Canton Canopy, \$38,900** to treat stormwater, green the neighborhood, and clean and cool the air through street trees along Fait and Linwood Avenues

**Christian Liberty Church, \$5,000** for a "Go Green" mural and community clean-up

**City Neighbors Foundation, \$74,741** for stormwater practices on the City Neighbors Hamilton/High School campus and associated curricula

**City Neighbors Foundation, \$38,850** for the design to treat the runoff from the City Neighbors Charter School parking lot



Mary Moss @ J. Albert Adams added a greenhouse to grow native plants to replenish their already existing 10,000 sf rain garden and also to populate a rain garden at the neighboring Title I elementary school.



# 2019-2020 Grants and Projects

**Civic Works, Inc., \$30,000** for a Center for Sustainable Careers green workforce training for historically marginalized community residents

**Civic Works, Inc., \$45,000** for three West Baltimore vacant lot transformations using rain and pollinator gardens

**Cross Country Elementary School, \$5,000** for a NorthBay outdoor education experience for 65 6th graders

**Cross Keys Condominium #1, \$4,908** for a native vegetation planting and engagement activity

**Friends of Carrie Murray Nature Center, Inc., \$1,158** to support the center's MAEOE Green Center certification

**Green School of Baltimore, The, \$1,350** for field experiences and campus action projects for 132 elementary students in partnership with the 29th Street Community Center

**GreenMount School (The), \$5,000** for 108 kindergarteners to participate in garden, wildlife, and litter projects

**Gwynn Oak United Methodist Church, \$5,000** for rain barrel and native plant workshops for One Water Partnership congregations

**Hamilton Elementary Middle School #236, \$3,488** for 110 7th graders to visit NorthBay and plant a rain garden on campus

**Hamilton-Lauraville Main Street Inc., \$30,000** to install green features and permeable surfaces at "the Lot," a community space, kitchen, and economic hub

**Hogan Lovells, \$33,000** to help with legal aspects of development of an innovative water quality financing system

**Institute for Local Self-Reliance, \$30,000** to increase the degree of composting at schools, churches, and community gardens

**Interfaith Partners for the Chesapeake (IPC), \$10,000** to help faith-based applicants and young applicants of color to Trust programs

**Interfaith Partners for the Chesapeake (IPC), \$9,298** for the Green Team Leadership Development program

**Knox Presbyterian Church, \$4,903** to incorporate native plants and a rain barrel into the "Garden on Eden" mural, combining art, environment, and faith

**Maryland Association for Environmental and Outdoor Education (MAEOE), \$5,000** to introduce youth to the forestry industry through tree farms



The Neighborhood Soil Rebuilders Composter Train-the-Trainer Program at the Institute for Local Self-Reliance aims to increase community-scale composting at schools, churches, and community gardens.

**Maryland Association for Environmental and Outdoor Education (MAEOE), \$39,999** for educators to develop environmental student-led action projects

**Maryland Stadium Authority, \$5,000** for engagement and signage at Camden Yards' Oriole pollinator garden

**No One Left Unhelped Inc, \$5,000** for community clean-ups and storm drain stenciling

**Parks & People Foundation, \$30,000** to revitalize and green an impervious schoolyard at Cecil Elementary in East Baltimore Midway neighborhood

**Patterson Park Audubon Center, \$30,000** to connect Latinx neighbors with migratory birds through shared travel

**Ridge to Reefs, \$50,000** for a 10-acre food justice and green space reclamation project in the Frankford neighborhood

**Saint Ignatius Loyola Academy, \$2,525** for 30 7th graders to study the Fort Carroll Oyster habitat and plant spat

**Salem Evangelical Lutheran Church, \$4,977** for a community native, pollinator, and edible plant garden

**Southeast Community Development Corporation, \$29,163** to design stormwater management practices at Tench Tilghman Elementary/Middle School

**Southeast Community Development Corporation, \$4,550** for 15 students to explore the impact of solid waste disposal in the Bay and implement a school-wide composting initiative

**The 6th Branch, \$1,022** to expand the Oliver Community Farm sustainable agriculture practice



Patterson Park Audubon Center connects Latinx neighbors with natural resources through the Bird Ambassadors program Baltimore, Birds, and the Bay which combines art.



Knox Presbyterian Church will bring alive their "Garden on Eden" mural with native plants and trees to transform the mural into a 3-D piece of art, bringing the community and church together.

# 2019-2020 Grants and Projects

**The 6th Branch, \$50,000** to green vacant lots in the Broadway East community

**The Church of the Redeemer, \$74,043** to transform the 1.25-acre parking lot into a showcase of environmental sustainability

**United Workers Association (United Workers), \$20,000** to develop a citywide Zero Waste Plan

**Volunteering Untapped Incorporated, \$4,700** for 200 volunteers to clean and beautify Druid Hill Park

**Waterfront Partnership of Baltimore, Inc., \$29,995** to support the Harris Creek Connected group to engage 250 residents

**Wisdom Projects, Inc., \$5,000** in partnership with the 29th Street Community Center, for 60 students to participate in the new urban ecology White Oak Nature Camp

## BALTIMORE COUNTY

**Soil Conservation District, \$161,600** to design the Western Run and Deadman Run stream restoration projects

**Baltimore Green Space, \$5,000** for urban forest patch technical assistance to economically disadvantaged communities

**Camp Puh'tok for Boys and Girls, Inc., \$40,000** for forest, wetland, pond, and stream programming for 800 6th graders

**Catonsville Elementary School, \$2,375** for 105 4th graders to embark on a Living Classrooms sailing trip

**Catonsville Middle School, \$5,000** for 268 6th graders to have a field experience at Camp Puh'Tok

**Eden Korean United Methodist Church, \$22,203** to design stormwater practices to treat impervious surface

**Gunpowder Valley Conservancy, \$15,293** to develop a financial plan to diversify revenue sources

**Gunpowder Valley Conservancy, \$50,000** to motivate businesses to install rain gardens and other practices

**Gunpowder Valley Conservancy, \$75,000** for stormwater practices and an outdoor classroom at our Lady of Mount Carmel church and school

**Hillcrest Elementary School (P.T.A.), \$500** for all (125) 3rd graders to study pollution and biota of Patapsco Valley State Park

**Immaculate Conception School, \$5,000** for 90 4th and 5th graders to investigate environmental issues at a working farm, a park, and the Conowingo Dam

**Loch Raven Technical Academy, \$5,000** for a Camp Puh'Tok field trip and garden biodiversity project for 50 6th graders

**Maryland Department of Natural Resources (DNR), \$1,000** for the Maryland Water Monitoring Conference

**Maryland Environmental Service, \$1,250** to study effects of riparian buffers on trout stream temperature

**National Aquarium, \$1,236** for a community shoreline planting project at Watersedge Park

**Park School of Baltimore, \$4,968** for 270 high schoolers to study the false-dark mussel as a potential water quality management strategy

**Park School of Baltimore, \$4,996** for 270 high schoolers to study agriculture, soil ecology, and watershed issues

**Patapsco Heritage Greenway, Inc., \$3,959** for tree species signage along a new trail at Patapsco Valley State Park



Sixth graders perform hands-on forest, wetland, pond, and stream studies at Camp Puh'tok

**St. Pius X Church, \$3,603** for a native plant garden and signage, engaging Catholic Charities' vocational programs

**Stemmers Run Middle School, \$5,000** for 225 6th graders to monitor water quality, visit Camp Puh'Tok, and host a stream cleanup project with the Back River Restoration Committee

**Tetra Tech, Inc., \$54,974** to develop a watershed health assessment tool

**Tetra Tech, Inc., \$189,248** to evaluate vertebrate response to stream restoration efforts

## CALVERT

**American Chestnut Land Trust, \$1,053** for a native medicinal, edible, and pollinator garden

**American Chestnut Land Trust, \$1,500** for the Chesapeake Conservation Corps to remove invasives along hiking trails and plant vegetables at Double Oak Farm

**American Chestnut Land Trust, \$1,250** to reduce erosion along 22 miles of hiking trails

**Asbury Foundation, \$5,000** for a conservation landscaping garden and cisterns for the retirement community campus



Ridge to Reefs and BLISS (Baltimore Living in Sustainable Simplicity) Meadows worked to reclaim 10 acres of land for an urban farm and reforested space, working towards food justice and equitable access to green space



The Asbury retirement community created a conservation landscaping garden and installed 2 cisterns that will harvest up to 230 gallons of water each rainfall



# 2019-2020 Grants and Projects



Our Chesapeake Conservation Corps member at Hood College worked with scientists to evaluate the use of nanobubbles to fend off harmful algal blooms in water bodies.

## CAROLINE

**Western Maryland Resource Conservation & Development Council (Inc.), \$1,250** to remove invasive species from a wetland

## CECIL

**Cecil County Public Schools, \$5,000** for 150 middle schoolers to study Big Elk Creek and create a "no mow" zone

**Cecil County, Maryland, \$183,890** for design of a stream restoration and sand filter project at the Public Schools Administrative Services Center and a tree planting at Bayview Elementary School

**Elk Neck Elementary School, \$4,154** for 122 students to visit local tributaries and a wastewater treatment plant and plan a campus action project

**Throwe Environmental, \$189,375** to lead the design of an innovative financing system to support the Conowingo Watershed Implementation Plan

## CHARLES

**Alice Ferguson Foundation, \$22,784** for an Adopt a Stream program to reduce litter

**Nanjemoy-Potomac Environmental Coalition, Inc., \$13,510** for the student design of a reusable bag program to replace single-use plastics

**Port Tobacco River Conservancy, \$51,000** for an outdoor classroom at Dr. James Craik Elementary School in Pomfret

## DORCHESTER

**Nanticoke Watershed Alliance, \$26,695** to help poultry farmers develop buffer alternatives to mowed grass

**ShoreRivers, \$1,500** for the Chesapeake Conservation Corps to improve walking trails at Horn Point Laboratory

**ShoreRivers, \$97,084** for the "Patriotic Commitment to Protecting the Choptank" project, a parking lot greening project at American Legion Post 91 in Cambridge

## FREDERICK

**Center for Watershed Protection, Inc., \$38,000** to develop the City of Frederick Stream Restoration Site Assessment

**Frederick County Office of Sustainability and Environmental Resources (OSER), \$320** for a tree planting project at Creagerstown Park

**Hood College, \$1,211** to evaluate nanobubble technology as an algal bloom management tool

**Mountainside Education and Enrichment, Inc., \$3,530** for 45 Friends Meeting School students to visit Bar-T Mountainside and install a campus rain garden

**Town of Emmitsburg, \$5,000** for a rain barrel outreach program

**Town of Emmitsburg, \$17,538** for a green street conceptual plan for north Seton Avenue

**Town of New Market, \$2,400** for a rain barrel outreach program

**Town of New Market, \$2,400** to continue a rain barrel outreach program

**Town of Thurmont, \$1,250** for a residential rain barrel program

## HARFORD

**Alliance for the Chesapeake Bay, \$74,901** to install 12 acres of new woodlands on private, community, and faith properties

**Gunpowder RIVERKEEPER, \$30,000** to increase residents' actions to curb stormwater pollution

**Harford Land Trust, Inc., \$17,180** for communications tools and database upgrades for technical capacity

**Harford Land Trust, Inc., \$250** in sponsorship of its flagship community event

**Harford Soil Conservation District, \$110,000** to design the stream restoration and riparian buffer at two farms at the Broad Creek headwaters

**Havre de Grace Maritime Museum, \$13,000** for a strategic plan

**Interfaith Partners for the Chesapeake (IPC), \$14,466** to develop green teams at county congregations

**Center for Watershed Protection, Inc., \$1,000** to support the 2020 Watershed and Stormwater Conference

**Clean Water Fund, \$19,927** to test 3 methods of homeowner outreach about septic maintenance

**Columbia Association, \$15,000** to plant 300 trees and 500 live stakes with 85 volunteers



The Nanticoke Watershed Alliance will help poultry growers test variations of buffer management for improved stormwater management.



# 2019-2020 Grants and Projects



Our Chesapeake Conservation Corps member at Sultana Education Foundation created a corn snake exhibit at the Holt Education Center in Chestertown to teach students about watershed biodiversity.

**Dunloggin Middle School, \$4,020** for 425 students to study erosion and plant a tree buffer along Plumtree Branch

**Friends of the Patapsco Valley Heritage Greenway, Inc., \$29,998** for 500 volunteers to lead stream clean ups, native plantings, and storm drain labeling

**Friends of the Patapsco Valley Heritage Greenway, Inc., \$1,000** for the Festival del Rio Patapsco

**Howard County Conservancy, Inc., \$27,816** for the Bee City Initiative and pesticide-free community resources

**Howard County Conservancy, Inc., \$746** for the "Great Climate Change Challenge" high school field trip

**Howard County, Maryland, \$55,000** for design of the Plumtree Branch stream restoration project at Dunloggin Middle School

**Howard County, Maryland, \$70,000** to increase household connections to public sewer, reducing onsite sewage disposal systems

**Howard EcoWorks, \$50,856** to engage private landowners to install trees, perennial agriculture plantings, and rainwater harvesting

**Interfaith Partners for the Chesapeake (IPC), \$29,943** to develop a maintenance plan for stormwater practices at congregations

**The Community Ecology Institute, \$65,000** for an ecological master plan at the Institute's farm

**The Community Ecology Institute, \$1,250** to demonstrate Agrivoltaics, the dual use of land for solar energy generation and conventional agriculture, on a farm

**The Community Ecology Institute, \$15,000** for a green infrastructure "walkable watershed" plan for Atholton High School

## KENT

**Chestertown Garden Club, \$2,793** for the "Garnet Good Seeds Garden" project at H.H. Garnet Elementary School

**Eastern Shore Land Conservancy's Sassafra Environmental Education Center, \$4,537** for 120 students from 3 Kent County elementary schools to study marine debris and create an art piece from it

**Eastern Shore Land Conservancy's Sassafra Environmental Education Center, \$23,977** for agro-ecology curriculum development for 292 4th, 5th and 9th graders

**Kent School, \$2,500** for field experiences and a campus action project for 59 4th graders

**ShoreRivers, \$95,000** to design a stream restoration project at Hickman Farm

**ShoreRivers, \$30,818** to identify stormwater management and green infrastructure opportunities in the Wye Mills Community.

**ShoreRivers, \$1,250** to develop a homeowners mussel growing program in the Sassafra

**ShoreRivers, \$100,000** for 6 parking lot bioretention practices as part of the "Greening Washington College Campus" project

**Sultana Education Foundation, \$1,000** to support the Downrigging Weekend Tall Ships and Wooden Boat Festival

**Sultana Education Foundation, \$1,247** to create a live native snake exhibit at Holt Education Center

**Town of Betterton, \$67,000** to design a stormwater management project at Wheeler Ave and Bayside Blvd

## MONTGOMERY

**Anacostia Riverkeeper, \$250,000** for a litter trap in the Lockridge Drive Tributary

**Audubon Naturalist Society of the Central Atlantic States, Inc., \$68,125** for a permeable paver project to serve as a demonstration for the RainScapes program

**Audubon Naturalist Society of the Central Atlantic States, Inc., \$1,000** for the Taking Nature Black Conference

**Audubon Naturalist Society of the Central Atlantic States, Inc., \$1,250** for invasives removal, planting, and establishing a forest-meadow trail

**Audubon Naturalist Society of the Central Atlantic States, Inc., \$1,250** for a forest-meadow system at Woodend Nature Sanctuary

**Audubon Naturalist Society of the Central Atlantic States, Inc., \$13,243** to replace impervious surface with permeable and build a swale and rain garden at Woodend Nature Sanctuary

**Bannockburn Community Club, \$48,596** to reduce stormwater runoff from the clubhouse parking lot and its effect on downstream properties

**Bethesda Green, \$5,000** for 12 students to participate in the Bethesda Green Environmental Leaders Program.

**C&O Canal Trust, \$1,250** to teach youth about the C&O Canal National Historical Park and Leave No Trace ethics

**Christ the Servant Lutheran Church, \$119,200** to replace impervious surface with permeable, reducing runoff into Seneca Creek



Our Chesapeake Conservation Corps member at The Community Ecology Institute demonstrated the dual use of land for solar energy generation and conventional agriculture so that the two do not have to be mutually exclusive



# 2019-2020 Grants and Projects



Audubon Naturalist Society has installed a number of practices on their Woodend Nature Sanctuary campus that will be used as demonstrations for others interested in the same practices

**E3 International, LLC, \$45,847** to analyze investment opportunities in an innovative water quality financing system

**Friends of Cabin John Creek, \$64,191** for a project to engage residents and communities in watershed improvements

**Interfaith Partners for the Chesapeake (IPC), \$15,038** to develop green teams at houses of worship in the City of Gaithersburg

**Interfaith Partners for the Chesapeake (IPC), \$8,944** to develop green teams at houses of worship

**Montgomery County Department of Environmental Protection, \$200,748** for 8 rain gardens and tree box filters

**Montgomery County Public Schools, \$70,000** for teacher professional development to support stream health curricula at all 25 county high schools

**National Center for Children and Families, \$1,931** for 20 youth from Greentree Shelter to visit Sandy Point State Park and install a rain barrel system

**National Wildlife Federation, \$50,000** to work with houses of worship on the goal of native plantings at 100 homes

**One Montgomery Green, \$5,000** for 45 students to learn about plastic waste

**One Montgomery Green, \$5,000** for 50 8th-12th graders at Northwood and Blair High Schools to participate in the Clean Headwaters Program

**Potomac Conservancy, \$25,000** to develop a diversity, equity, inclusion, and justice (DEIJ) plan

**Rock Creek Conservancy, \$7,750** for technology tools to help manage volunteers

**Rock Creek Conservancy, \$21,444** for the Stream Team Leader Program to lead litter cleanups for 450 community members

**St. Martin of Tours, \$614** for 16 3rd graders to study estuaries and oyster restoration

**State of Maryland - University of Maryland College Park, \$30,000** for the Environmental Finance Center to encourage Gaithersburg homeowners and civic associations in stormwater actions

**The Commissioners (Town) of Barnesville, \$14,960** to design rain gardens, bioswales, and tree planting to reduce stormwater and property damage from flooding

**Urban Ecosystem Restorations, Inc., \$66,629** to convert 3,838 sf of turf to conservation landscaping at Lakelands Homeowners Association

**Viers Mills Elementary School, \$5,000** for 86 4th graders to sail with Living Classrooms in Baltimore and study Rock Creek

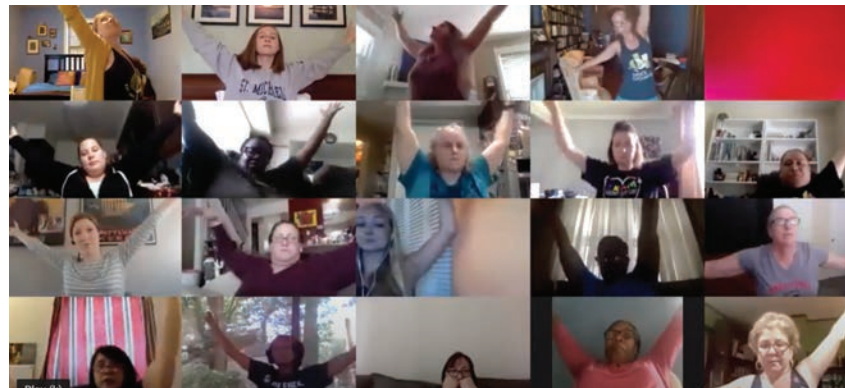
## PRINCE GEORGE'S

**Accokeek Foundation, \$31,717** for a seeds, soils, and water quality program for 300 1st graders

**Accokeek Foundation, \$1,068** for invasive species removal at Piscataway National Park

**Accokeek Foundation, \$1,250** for a boot brush station to educate about invasive species at Piscataway National Park Visitor Center

Dance Exchange was not deterred by constraints of COVID: They pursued their creative, dance-inspired approach to environmental education teacher training virtually. The goal was to train 30 educators to use dance in environmental education curricula.



**Alice Ferguson Foundation, \$140,000** for two stormwater practices that will treat impervious and livestock areas at Hard Bargain Farm

**Anacostia Riverkeeper, \$27,819** for a microplastic outreach program

**Anacostia Watershed Society, \$23,453** for mussels, floating wetlands, and trees - three natural filters techniques

**Anacostia Watershed Society, \$11,510** for a Watershed Stewards Academy and Master Naturalist program

**Anacostia Watershed Society, \$5,000** for 125 students to raise wetland plants for planting in the Anacostia and take a pontoon boat trip

**Anacostia Watershed Society, \$32,878** to create a vibrant green gathering place on 61st Ave in Fairmount Heights

**Central Kenilworth Avenue Revitalization Community Development Corporation, Inc., \$134,031** to plant 300 trees in Greater Riverdale/Bladensburg neighborhoods

**Chesapeake Education Arts Research Society (CHEARS), \$4,873** for 6 seed exchange workshops for underserved youth and senior citizens with disabilities

**City of Hyattsville, \$60,762** for a Tree Canopy study and resources for residents to plant trees

**City of Mount Rainier, \$196,000** for 11 green infrastructure practices, helping make Mount Rainier a model "green city"

**Cottage City, \$500** for a community litter clean-up event

**Dance Exchange, \$4,955** for a professional development training for 30 teachers via the Moving Field Guide approach

**ECO City Farms, \$1,250** for a "keyhole garden" that incorporates composting and growing at Bladensburg High School

**EcoLatinos, Inc., \$12,000** for a strategic plan focusing on connections between the Latino community and watershed programs



# OUR IMPACT

The collection of 350 projects and 36 Corps members supported by the Trust gets us ever closer to our vision of a healthy watershed in which all residents of the region play a role keeping it healthy and safe and reaping the benefits. While known in the community as a grant-maker, the Trust does more than fund one project at a time: We convene experts to help shape strategy; provide technical assistance, network building, and capacity building to ensure there are groups that can implement the strategy; attract other funders to join with us in tackling the issue; then empower groups on the ground through grants and other resources to implement projects.

The Trust believes that no one group or sector can do this alone and that the more groups who can play a role in watershed improvement, the better.

## ENVIRONMENTAL EDUCATION

The biggest investment we can make in ensuring that all residents have the drive and the power to improve our natural resources is in our children. Environmentally literate children educate their parents and grow up with a stewardship ethic that leads to environmentally responsible actions and behaviors as adults.

For these reasons, our goal is that every child throughout our watershed have three “Meaningful Watershed Education Experiences” (called MWEEs for short) before graduation from high school, and that every school system in our watershed have robust environmental literacy curricula and plans.



This year, not only did our grants provide tens of thousands of students with experiential education and hundreds of teachers with environmental education professional development, but we supported 15 more school systems to create or strengthen systemic environmental education programs so that all of their students could be supported year after year, independent of grant-funding. The impact of this work will be felt for generations to come as these students talk with their peers and their parents, and through adulthood, make decisions that impact our natural resources.

## ADULT AWARENESS AND BEHAVIOR CHANGE

Because not all adults currently in the watershed received the level of environmental education that created a lasting stewardship ethic when they were children, the Trust also believes in supporting adult education. Over the last 10 years, the Trust has specialized in and become a regional leader in the social science of behavior change. We aim to spend every dollar as effectively as possible, and we support research into how to most efficiently engage and support key audiences to adopt practices that will improve water quality, such as tree planting, litter clean-up, rain barrel installation, rain garden implementation, water and energy conservation, and more. We funded 8 projects in FY20 that will provide key data and case studies that others will be able to use for future work, and we have begun to plan a forum to share those data and others with groups who do this work.



## RESTORATION

The Trust believes that it is imperative for on-the-ground groups to feel the power and agency to make their own communities better and improve our watersheds. One of the best ways to provide that power is to provide resources for groups to own their own projects. We believe such ownership is important for environmental groups who serve as our grantees, such as watershed organizations, but also for organizations with non-primarily environmental missions, such as boy/girl scout troops, homeowners associations, civic groups, faith-based groups, schools, local governments and more. To that end, this year, the Trust funded hundreds of faith-based groups, local governments, HOAs, and more to take control of their own work. The staff and volunteers who were involved in these projects – who have pride in their work – will now spread the word through their networks.



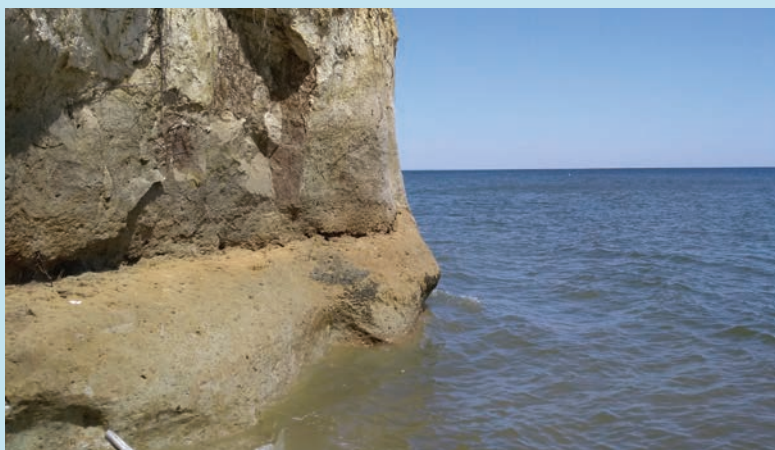
## CAPACITY BUILDING

While we wish every group had the ability and agency to implement the kind of change that is needed to realize our vision of a healthy and safe watershed, unfortunately not everyone does. The Trust's capacity building program is designed to thoughtfully identify groups who, if they had the impetus and the ability, would make the biggest impact on improving our watersheds, then provide them with the resources to develop the capacity to play the kind of role that is needed. Often the ability of groups to work together, to network, is what is most needed. This year, the Trust supported 13 groups to strengthen themselves with work such as fundraising plans, financial systems, staff and board training, and more, and worked to identify 6 specific regions in which networks need to be strengthened. With COVID affecting so many nonprofits, this work will become even more important in the future.



## SCIENCE

Often we know what needs to be done and who needs to do it, and those groups have the capacity to do so. Sometimes, however, there are debates about what practices should ultimately be implemented to have the biggest bang for the buck. The Trust has developed a program, our Pooled Monitoring Restoration Research program, to help knock through scientific barriers and ultimately improve efficiency of key restoration practices. This year, the Trust funded work on how the characteristics of streams affect the nutrient reduction potential of their restoration, which will help us better target projects; impacts of stream restoration on biological communities, which will allow us to better predict biological response; and how flood events, likely to become more frequent with climate change, potentially damage stream restoration projects so we can better design them.



# 2019-2020 Grants and Projects



End Time Harvest Ministries Port Towns Youth Council youth Wellness Ambassadors engaged residents and business in stormwater education forums as part of a clean water initiative

**EcoLatinos, Inc., \$23,694** for the Festival del Rio Anacostia at Bladensburg Waterfront Park

**EcoLatinos, Inc., \$18,993** for the Agua es Vida, Reduce la Escorrentia program to connect Spanish-speaking residents to county resources

**Edward M Felegy ES, \$2,653** for 100 2nd graders to study meadow restoration in the Anacostia

**End Time Harvest Ministries, \$31,163** for the Port Towns Youth Council Youth Wellness Ambassadors to engage community residents in a clean water initiative

**Environmental Leadership Program, \$10,614** for Chesapeake Conservation Corps leadership trainings at Blue Mountain Retreat Center

**Global Health and Education Projects, Inc., \$115,969** to plant 200 trees through the Family Tree Adoption Program in East Riverdale/Bladensburg, Kentland/Palmer Park, and Langley Park

**GreenTrust Alliance Inc., \$50,000** to plant 1,750 trees in the headwaters of the Anacostia River's Little Paint Branch in Beltsville

**Joe's Movement Emporium/World Arts Focus, \$30,000** to design a stormwater treatment train integrated with art and storytelling

**Maryland National Capital Park and Planning Commission, \$5,000** for 60 high schoolers to earn an entry-level career credential in green infrastructure and sustainable land management

**Maryland National Capital Park and Planning Commission - Patuxent River Park, \$1,250** to plant Bald Cypress trees along shorelines and at campsites

**Montpelier Elementary School, \$3,975** for 100 5th graders to build a rain garden and monitor the health of their stream

**Prince George's County Public Schools, Williams S. Schmidt Outdoor Education Center, \$3,125** for 30 special needs high school students to attend Teen Adventure Camp

**Prince George's County, Maryland, \$70,000** to develop a watershed restoration plan for Tinkers Creek

**Prince George's County, Maryland, \$75,000** to design the Carey Branch headwater restoration project

**Prince George's County, Maryland, \$100,000** for four bioretentions to treat 1.25 acres at the Publick Playhouse in Landover

**REAL School Gardens (dba Out Teach), \$36,000** for environmental education curriculum development for teachers from 5 elementary schools

**Saint Matthias Catholic Church, \$5,000** for the Educando y Cuidando Nuestra Casa Comun (Educating on and Caring for Our Common Home) project

**State of Maryland - University of Maryland College Park, \$309,814** to establish an innovative financing system to support the Conowingo Watershed Implementation Plan

**State of Maryland - University of Maryland College Park, \$50,000** for the Environmental Finance Center to connect homeowner association boards, property managers, and residents with environmental resources

**Town of Cheverly, \$54,954** for a municipal park rain garden next to the Community Center and policy station

**Town of Edmonston, \$68,527** for a fourth green street in the town, in the district of Lafayette Place

## QUEEN ANNE'S

**Church Hill Elementary School, \$750** for Sultana Education Center field trip for 54 4th-graders and a campus action project

**Grasonville Elementary School, \$2,589** for a field trip and an oyster restoration project with 71 4th graders

**Kent Island High School, \$5,000** for an outdoor classroom

**Maryland Department of Natural Resources (DNR), \$9,499** for a native fruit and nut "walk and harvest" path at Bloomfield Farm

**Plastic Free QAC, Inc., \$4,420** for a litter engagement and clean-up program

**ShoreRivers, \$74,958** to engage 10 faith organizations and install 4 restoration projects

**ShoreRivers, \$44,927** for a stream restoration design at Foster Farm in Church Hill

**Sudlersville Middle School, \$5,000** for 118 6th graders to study farming best practices and visit NorthBay

## SOMERSET

**YMCA of the Chesapeake, \$39,906** to provide experiential education for all 6th graders in the County

## TALBOT

**Easton High School, \$3,700** for 30 AP Environmental Science students to research issues and create campus action plans

**Environmental Concern Inc., \$1,250** for a nursery drip irrigation system to decrease water use

**ShoreRivers, \$39,857** to train 15 teachers in experiential environmental education

**ShoreRivers, \$1,250** for the "Green Self-Esteem" program: self-confidence through environmental literacy in partnership with Building African American Minds (BAAM)

**ShoreRivers, \$5,000** for the State of the Rivers event and report cards

## TALBOT

**Tilghman on Chesapeake Community Association, \$3,969** to restore a nontidal wetland

**YMCA of the Chesapeake, \$4,995** for 20 "Take the Helm" program students to complete a submerged aquatic vegetation (SAV) project

## WASHINGTON

**The Nature Conservancy, \$518** to study effects of nonnatives on ecosystem recovery after controlled burns

Plastic Free Queen Anne's County provided free reusable bags as part of an education effort to teach 2000 residents about the harmful effects of litter and single-use plastics



# 2019-2020 Grants and Projects

## WICOMICO

**Interfaith Partners for the Chesapeake (IPC), \$28,347** to plan restoration projects at 4 congregations in Salisbury

**Lower Shore Land Trust, \$20,207** to engage the St. Alban's Episcopal Church of Salisbury in pollinator-friendly activities and rain barrel efforts

**Lower Shore Land Trust, \$72,069** for a unified approach to invasive species management across jurisdictions

**Stone Gate Town House Community Association, \$4,255** for workshops to promote stormwater practices and baywise gardening

**Wicomico County Board of Education / Public Schools, \$2,085** for 130 middle schoolers to visit Meredith Creek and complete an action project based on student research

**Wicomico Environmental Trust (WET), \$15,000** for the Wicomico Creekwatchers program

**Wicomico Public Library, \$7,853** for a native plant and pollinator StoryWalk to increase childhood and ecological literacy

## WORCESTER

**Maryland Association for Environmental and Outdoor Education (MAEOE), \$1,000** for its annual conference

**Maryland Coastal Bays Program, \$1,250** to measure saltwater intrusion threat to wetlands

**Maryland Coastal Bays Program, \$1,500** for the Chesapeake Conservation Corps to participate in an Assateague Island living shoreline planting project

**Maryland Coastal Bays Program, \$1,250** to spotlight small-scale sustainable farming practices

## MARYLAND-WIDE

**The Ocean Foundation, \$49,979** to improve recreational boating practices in the presence of submerged aquatic vegetation (SAV)



The Stone Gate Townhouse Community Association will encourage residents to use rain barrels and native plantings through workshops, a first step to creating a vision for stormwater management to improve the Wicomico River.



Chesapeake Conservation Corps members plant the Assateague Living Shoreline project through the Maryland Coastal Bay Program to increase climate resiliency, minimize erosion, improve habitat and species diversity, and provide a safe area for recreation.

## DELAWARE

**Nanticoke Watershed Alliance, \$38,735** to design a green street on Conwell Street in Seaford

## PENNSYLVANIA

**Borough of Marietta, \$237,515** to green a portion of Furnace Road with porous paving, rain gardens, and native plantings

**Chesapeake Conservation Landscaping Council, \$74,089** to expand a forestry correctional institute workforce development program

**City of Lancaster, Pennsylvania, \$100,000** for a green street that will improve safety and treat 655,000 gallons of stormwater per year

**Conestoga Valley School District, \$40,000** for three core Lancaster school districts and partners to enhance environmental professional development for teachers

**County of Blair on behalf of the Fort Roberdeau Association, \$3,679** for 150 middle schoolers from Hollidaysburg Area Junior High School to remove invasives and plant trees at Fort Roberdeau Historic Site

**Diakon Child, Family & Community Ministries, \$3,260** for several field experiences and a public policy project for 40 students

**Eastern PA Coalition for Abandoned Mine Reclamation, \$5,000** for 30 4th graders from the Wilkes-Barre Area School District to learn about acid mine drainage then plant trees

**Lacawac Sanctuary, \$4,900** for 250 students from Wayne, Pike, Lackawanna, and Monroe Counties to visit the sanctuary

**Lancaster Farmland Trust, \$100,000** to catalyze farm conservation practices using trusted farm advisors

**Middle Susquehanna Riverkeeper Association, Inc., \$16,500** to enhance development program capacity and diversity revenue streams

**Spring Grove Area School District, \$2,864** for 350 8th graders to study water quality Codorus State Park

## VIRGINIA

**Belvedere Elementary School, \$4,880** for a Living Classrooms ship experience for 130 5th graders

**Broadway High School, \$290** for 15 students to study nutrients, sediment, toxics, and fisheries through field trips

**City of Portsmouth, \$30,000** for green street design plans in the Downtown District

**Fauquier County, \$30,000** for a constructed wetland at Fauquier High School

**Green Fin Studio, \$49,503** to share economic, health, safety, infrastructure, and education benefits of watershed practices with local governments

**Green Fin Studio, \$49,907** for outreach of a submerged aquatic vegetation (SAV) restoration guide



# 2019-2020 Grants and Projects



The Virginia Institute of Marine Science studies habitats used by juvenile striped bass. Photo from the VIMS Juvenile Striped Bass Survey

**Green Muslims, \$5,000** for 15 elementary students to participate in the "Our Deen (Faith) is Green" program and visit Hard Bargain Farm

**Hanover-Caroline Soil and Water Conservation District, \$2,536** for a professional development training for 40 6th grade teachers

**Hanover-Caroline Soil and Water Conservation District, \$4,139** for the 1700 6th graders at middle schools in Hanover and Caroline Counties to participate in a field day experience

**H-B Woodlawn Secondary Program, \$988** for 35 students to collect microplastics from the Potomac River, then create "micro-mosaic" art projects

**Henrico Education Foundation, \$5,000** for 150 4th graders from 10 Title I schools to participate in a James River Association field trip

**Henrico Education Foundation, \$5,000** for professional development for 25 Title I elementary school teachers with the James River Association

**James River Association, \$5,000** for a Presquile National Wildlife Refuge field trip and storm drain stenciling project for the Elizabeth Redd Elementary School's 75 5th graders

**James River Association, \$5,000** for field experiences for 40 middle schoolers of recently arrived immigrants and refugees, a population which often lacks access to the outdoors

**James River Association, \$5,000** for 120 4th graders to go on pontoon boat trip and stencil storm drains in their community

**James River Association, \$5,000** for field trips to Prequile National Wildlife Refuge for 110 5th graders and work with fellow students to promote individual environmental actions

**Lacey Spring Elementary School, \$3,750** for a Chesapeake Bay Foundation professional development experience for 25 teachers

**Local Concepts LLC, \$50,000** to establish a regional outdoor learning network among school districts

**Maymont Foundation, \$4,820** for professional development for 10 elementary teachers from Chesterfield County

**National Wildlife Federation, \$1,000** for the Choose Clean Water Conference

**Northern Virginia Conservation Trust, \$14,541** for technical upgrades in donor and land stewardship databases

**Rivanna Conservation Alliance, \$4,985** for all 200 6th graders at Burley Middle School to participate in water quality monitoring, field trips, and campus action projects

**Skeo Solutions, Inc., \$64,817** for green infrastructure plans that offer co-benefits in underserved Delmarva, VA, and PA communities

**Skyline High School, \$5,000** for 150 students to participate in several field experiences then complete a campus action project

**Tetra Tech, Inc., \$18,939** for a Green Street forum

**Town of Colonial Beach, \$29,935** to design a green street along 1st Street, a route to two schools

**University of Mary Washington, \$5,000** for professional development for 20 teachers at Crowe's Nest Preserve

**Village School, \$1,178** for 40 middle schoolers to create pollinator gardens and visit the Rivanna River

**Virginia Institute of Marine Science, School of Marine Science, College of William & Mary, \$84,989** to study juvenile striped bass habitat

**Virginia Polytechnic Institute and State University, \$213,857** to evaluate effects of watershed characteristics on stream restoration success

## WASHINGTON, D.C.

**Anacostia Riverkeeper, \$15,320** for a litter project for 225 high school students from Wards 5-8.

**Anacostia Watershed Society, \$5,000** for 400 elementary schoolers to visit Kingman Island and restore riparian wildlife habitats

**Anacostia Watershed Society, \$5,000** for 250 DC students to raise and release 5,000 American shad

**Capital City Public Charter School, \$5,000** for 46 high schoolers to study and install oyster floats, visit a wet lab, conduct water quality testing and seine in the Potomac River

**Casey Trees, \$19,972** for an engagement program to connect people to trees on Kingman and Heritage Islands

**City Blossoms, \$20,000** for school field trips to an urban farm, the Farm at Kelly Miller in Ward 7

**Clean Water Fund, \$2,499** to connect non-environmental and non-water focused audiences to water-oriented opportunities

**Day Eight, \$20,000** for environmental poetry and other programs with the Anacostia Swim Club

**Designgreen LLC, \$20,000** for a community-based design to solve a flooding issue

**Endangered Species Coalition, \$10,000** to expand a woodland and public recreation space

Green Muslims' "Our Deen (Faith) is Green" outdoor program teaches students about farms and watersheds



# 2019-2020 Grants and Projects



Students with Live It Learn It study how trash pollution affects stream habitats and their inhabitants

**Environmental Law Institute, \$12,973** to help with legal aspects of development of an innovative water quality financing system

**Fairlawn Citizens Association, \$2,499** to connect non-environmental and non-water focused audiences to water-oriented opportunities

**Latin American Montessori Bilingual Public Charter School (LAMB), \$1,570** for 44 elementary students to participate in a Living Classrooms field trip

**Live It Learn It, \$5,000** for 180 5th-graders to visit Kenilworth Aquatic Gardens and Rock Creek Park and complete a "garbology" action project

**Living Classrooms Foundation of the National Capital Region, \$2,847** for 82 Bancroft Elementary 5th graders to explore litter pollution and lead a trash audit of their school grounds

**Living Classrooms Foundation of the National Capital Region, \$1,969** for 25 Maury Elementary School students in the Hiking Club to complete an action project on Kingman Island

**Living Classrooms Foundation of the National Capital Region, \$19,996** for a stormwater project at Kingman and Heritage Islands for 60 high schoolers and 46 teachers

**National Wildlife Federation, \$19,612** for a native plant garden, a rain garden, and community engagement at East Washington Heights Baptist Church

**NatureBridge, \$5,000** for 40 KIPP DC Honor Academy students to participate in a field experience in Prince William Forest Park

**Payne Elementary School PTSA, \$4,983** for 260 elementary students to visit the Anacostia and plant garden boxes on campus

**The Green Scheme, \$19,995** for 6 outdoor nature-based family activities in Oxon Run

**Urban Learning and Teaching Center, \$20,000** for a storm drain-to-the-Anacostia program for 138 Cleveland Elementary 4th and 5th graders

**Wilderness Leadership & Learning, Inc. (WILL), \$5,000** for a field experience to the Karen Noonan Center for 36 high schoolers

## WEST VIRGINIA

**Alliance for the Chesapeake Bay, \$5,000** for the Chesapeake Bay Watershed Forum

**Cacapon Institute, \$40,000** for teacher professional development and engagement of school administrators in the West Virginia Outdoor Learning Initiative

**Capon Bridge Revitalization Group, Inc., \$28,880** to green Capon School Street

**City of Romney, \$29,985** to design a green street along West Birch Lane next to the Romney Senior Center

**Eagle Intermediate School, \$5,000** for 300 4th graders to visit Poor House Farm

**Friends of Deckers Creek, \$4,921** for field experiences for 20 Mountaineer Boys and Girls Club members

**West Virginia Rivers Coalition, \$15,000** for staff retention and fundraising plans

**Wind Dance Farm & Earth Education Center, \$5,000** for 80 K-12 students to learn about the headwaters of the Potomac in Berkeley Springs

## WATERSHED-WIDE

**Alliance for Global Justice, \$90,000** to build watershed networks of diverse nonprofits in five regions around the Chesapeake watershed (PA, DC, MD)

**Consensus Building Institute, Inc., \$200,000** to assess watershed-improving capacity of stakeholders in several key hot spot regions across the Chesapeake Bay watershed

**The RAND Corporation, \$75,000** to build a baywide scorecard to track climate resilience for watershed communities

**The RAND Corporation, \$149,900** to project future precipitation conditions for which local infrastructure can be designed

**University of Louisville Research Foundation, Inc., \$299,534** for research on models to predict stream restoration success (or failure)

# TREASURE THE CHESAPEAKE

## Leading the way for a cleaner, healthier Chesapeake region

Like so many nonprofits in these unprecedented times, the Trust's annual in-person gala could not proceed as planned. Not to be deterred, the Trust pushed ahead with our first ever virtual gala celebrating the theme of exploring the outdoors. Hundreds tuned in as Chairman Gary Jobson and Executive Director Jana Davis took viewers on a video tour of some of our region's most beautiful natural places, discussing the human health benefits of having these places within reach. Proceeds were invested in the work of our grantees: organizations, schools, and community groups for environmental education and watershed restoration work. The Trust would like to extend our sincerest gratitude to our sponsors (listed here), to all those who attended, and to all who shopped at our first-ever online silent auction.



Alan and Lynda Davis • Shoreline Design, LLC • Center for Watershed Protection • Giant Foods • Jana Davis, Ph.D. • John and Kim Quinn • John Shorb Landscaping • Lois and Marc Shafir • Meadville Land Service, Inc. • Opinion Works • Peterson Family Foundation • Portside Custom Framing • Resource Environmental Solutions, LLC • Washington Area New Automobile Dealers Association • William and Noilly Turley





# CHESAPEAKE CONSERVATION CORPS

The Chesapeake Conservation Corps provides early career development and green jobs training for a cohort of young people as they tackle important environmental, agricultural, and energy projects. This year, 36 Corps members were placed with nonprofit and government host organizations for one-year terms of service, and should be commended for transitioning smoothly into virtual roles when COVID forced closures.

Throughout the year, Corps members came together monthly for training programs facilitated by the Trust, group service projects, and peer-to-peer networking visits (in-person for the first half of their program, virtually due to COVID for the second half) to each other's host sites.

The Chesapeake Conservation Corps has more than 230 alumni, many of whom are environmental leaders throughout the Chesapeake watershed and beyond.

Hadijah (DeDe) Lawal spent her year at Jug Bay leading environmental education programs



Sajoy Pottian, Allegany County Commissioners, *Allegany*  
 Samuel Dainton, The Nature Conservancy, *Allegany*  
 Amanda Bland, Alliance for the Chesapeake Bay, *Anne Arundel*  
 Briana Yancy, Maryland Dept of Natural Resources, *Anne Arundel*  
 Hadijah Lawal, Anne Arundel County Dept of Recreation & Parks, *Jug Bay Wetland Sanctuary, Anne Arundel*  
 Isabelle Ketcham, Severn River Association, *Anne Arundel*  
 James Batho, Maryland Environmental Service, *Anne Arundel*  
 Jessica Elliott, Chesapeake Conservancy, *Anne Arundel*  
 Katherine Stahl, U.S. Fish & Wildlife Service, *Anne Arundel*  
 Rachel Scott, U.S. National Park Service, *Anne Arundel*  
 Benjamin Derlan, The 6th Branch, *Baltimore City*  
 Emma O'Donnell, Baltimore City Recreation & Parks, *Carrie Murray Nature Center, Baltimore City*  
 Nicholas Long, National Aquarium, *Baltimore City*  
 Charles Kreizenbeck, American Chestnut Land Trust, *Calvert*  
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Emma O'Donnell led therapeutic recreation programs for special needs groups at Carrie Murray Nature Center



Nick Sparacino worked on seed collection and other wetland plant topics with Environmental Concern



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James C. Spencer  
Monica Mallios Spillane  
Mary Helen Spiri  
Kenneth A. Spitz  
Ken Sprankle  
Thomas M. Stalder  
Willard and Natalie  
Standiford  
Martha L. Startt  
Lucille B. Stefanski  
Brian Steffes  
Susan Jackson Stein  
Julie Steinberg  
Edward Steinhouse  
Larry G. Stephens  
Michael Sterner  
Guy T. Steuart II  
Susan Stockslager  
Joan and Peter Stogis  
Gael W. Stork  
Melinda Strevig  
Joann J. Stubbs  
Richard M. Stubbs  
James and Carolyn Sturgill  
Mary and Jose Sugar  
W. Scott Supplee  
George F. Sushinsky  
David F. Sutter  
Donna J. Suwall  
John J. Svehla  
Tag and Title Service of  
Maryland  
Carolyn and Frederick  
Talcott  
Marcus Tallant  
Keith and Karen Tate  
Jessica Taylor  
Betty V. Taylor  
Jan Taylor  
Marsha Wall Taylor  
Ernest Thomas  
Harriet and Kimberly  
Thomas  
J. Richard Thomas, Sr.  
Edward and Sue Thompson  
Tracy Thompson  
Charles Thorpe  
Peter Threadgill  
William Trapnell  
Robert and Barbara Truehart  
Chip and Betsy Tucker  
Lawrence A. Tucker  
Carrington Tutwiler  
Roger Umstott  
Dennis Van Buskirk  
Wendy Jane Van Horn  
Cherry and Sam Vanneman  
George and Marie Vickers  
James W. Voege  
Joaquin G. Vogel  
Armand and Debra Volta  
Nora Wade  
G. and Jean Wagner  
Deborah Walker



# CONTRIBUTIONS

Joan Walker and Kenneth Lacey  
 M.T. and Gloria Walker  
 Arthur and Elaine Walz  
 Stephanie Wasta  
 Earl A. Wayne  
 Diana K. Weatherby  
 Hans and Edith Weber  
 Ann R. Weeks  
 Kenneth and Marian Weems  
 James Weiner  
 Betsy and C. Weinkam  
 Carol L. Weisl  
 Jessica Weiss  
 John and Marie Wells  
 Robert and Ann Werrlein  
 Karen S. Wessel  
 Laurie White  
 Lois H. White  
 Bettye and Ronald Wilkinson  
 Nancye Williamson  
 Richard and Beatrice Wills  
 Linda Wolpert  
 Don Worm  
 Steven R. Wright  
 Mark and Barbara Wynn  
 William Bruce Yeaman  
 Carroll and Sue Yingling  
 Marguerite Zabriskie  
 James Zwiebel  
 Ann Marie Zwyczewicz and Dennis Pitta

## In Honor of...

James Bell  
 Leslie S. Boettcher  
 Elizabeth Carren  
 Chesapeake Bay Trust Endowment  
 Jim and Lise Crafton  
 Julian Cropper  
 Susanna Crowley  
 April G. Dolyny  
 Jules Filliben  
 Bob Foreman  
 John J. Gilley  
 Ed Goldstein

Brendan Greeley  
 Wiley Harrel  
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 Tom and Ethel Jeffers  
 William S. Keyes  
 Anne Long  
 Jason McKittrick  
 Urte McNellis  
 David and Debbie Morton  
 Elmer T. Neisser  
 The Nshom Family  
 Heather Nygaard  
 Amy Peters  
 Mabel Pillsbury  
 Glen Richeson  
 Caty Kirk Robins and Dan Rice  
 Mr. and Mrs. Mitchell Rubinstein  
 Kyla Strehl  
 Rick Townsend  
 Geroge and Phyliss White  
 Ray Yingling

## In Memory Of...

Banshee and Shadow  
 Arline Blumenthal  
 Walter E. Boender  
 Marianne S. Chapman  
 Charlie Dorsey  
 Lauren D. Few  
 Susan Hadler  
 Regina M. Heim  
 Lawrence Herman  
 Dr. John Baker Hunt  
 Stanley Kupferman  
 Mildred Leonard  
 David C. Lively  
 Eric D. Miller  
 Nebojsa Momcilovic  
 Paul Mulé  
 Vishwesha Theertha of Pejavara Mutt  
 Regina Schisler  
 Warren Stapleton  
 Bobby L. Taylor  
 Mr. and Mrs. Wickramatilake  
 Christian Wilson



# Fiscal Year 2020 Financials

## REVENUE

Contributions*	\$	4,234,594
Restricted Partnership Grants**	\$	9,443,566
Investment Income	\$	778,002
Special Events	\$	0
Other Income	\$	11,209

**TOTAL SUPPORT & REVENUE**      \$      **14,467,371**

## EXPENSE

### Program Services

Program Grants & Projects	\$	10,930,113
Program Management	\$	1,163,457
<b>Total Program Services</b>	<b>\$</b>	<b>12,093,570</b>

### Support Services

Development & Marketing	\$	701,455
Management & General	\$	651,111
<b>Total Support Services</b>	<b>\$</b>	<b>1,352,566</b>

**TOTAL EXPENSES**      \$      **13,446,136**

Change in Net Assets      \$      1,021,235

Please see the Trust's audited financial statements (available on the Trust's website) and the accompanying notes, which are an integral part of the financial statements.

Annual program expenses may be lower than annual awards and revenue because large portions of grant awards are often paid out in future fiscal years.

\* Contributions include Chesapeake Bay License Plate revenue; donations made through the Maryland State tax form; donations with boating, fishing, and hunting license registration; and private donations from individuals, businesses, and foundations.

\*\* Restricted Partnership grants include foundation, federal, state, and local partners who collaborate on grant programs and support specific, restricted initiatives.





### DONATE ONLINE OR MAIL YOUR GIFT

Make your gift online at [cbtrust.org/donate](http://cbtrust.org/donate) or by mail, making your check payable to the Chesapeake Bay Trust.

### CHAIRMAN'S CIRCLE

Become an integral part of the Trust family with an annual giving of \$1,000 or more. Visit [cbtrust.org/chairman](http://cbtrust.org/chairman) to learn more.

### GIFT OF STOCK

Transfers can be made directly from your brokerage account to the Trust.

### MONTHLY GIVING

Monthly giving, at any level, is an easy and efficient way to provide consistent, impactful funding. You can start, change, or stop your gift at any time. Visit [cbtrust.org/donate](http://cbtrust.org/donate).

Your gift to the Chesapeake Bay Trust will help to achieve lasting results, providing support for environmental education, habitat conservation, and local watershed restoration projects. Tax-deductible gifts to the Trust can be made in a number of ways.

### CORPORATE MATCHING GIFTS

Ask your human resources department for a matching gift form to include with your contribution.

### MEMORIAL AND TRIBUTE PROGRAMS

Consider this type of gift to honor the memory of a loved one, commemorate a milestone, birthday, wedding, or anniversary.

### MAKE A LEGACY GIFT

If you are considering leaving a legacy gift to the Trust in your will or living trust, let us know you have made arrangements in your estate plans to be included in our legacy circle of friends.

### BUY A CHESAPEAKE BAY VEHICLE LICENSE PLATE

Learn more at [bayplate.org](http://bayplate.org).

### GIVE AT TAX TIME

Look for the Chesapeake Bay and Endangered Species Fund on your Maryland State Income Tax Form.

### CONTRIBUTE WITH YOUR ONLINE REGISTRATION

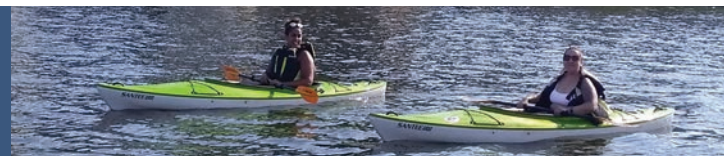
Fishers, boaters, and hunters who obtain registration or licenses through Maryland Department of Natural Resources Compass online registration system can contribute to the Maryland Outdoor Recreation and Clean Water Fund. <https://compass.dnr.maryland.gov>

For more ways to give, please contact the Development Office at 410-974-2941, ext. 107.

## MOVING FORWARD AT THE TRUST: The Next Five Years

The Trust proudly operates on a five-year strategic planning cycle, and 2020 marked the development of the Trust's 2020-2025 strategic plan. With input from stakeholders, we matched the Trust's unique strengths, skills, and attributes with barriers to our vision of a healthy and safe watershed in which everyone plays a role in its protection and restoration. We identified four barriers:

- 1) **Climate change:** Increased rainfall and storms, sea level rise, and temperature changes have shifted habitat and water quality goalposts and made our vision harder to accomplish.
- 2) **Other priorities:** Many audiences perceive that other priorities are more important (the economy, jobs, health, social justice), and do not see links to and co-benefits of healthy natural resources.
- 3) **Speed of recovery:** While we are turning a corner on bay and watershed health, it can be hard to keep up the excitement when progress is slower than we all would like.
- 4) **Limited resources:** Getting our watersheds back to John Smith's time is going to be expensive, and the currently available resources do not match the price tag.



The Trust is going to use a number of strategies to knock through elements of these barriers: grant-making, as always, along with convening to refine solutions, supporting networks to create synergy, training, improving capacity of key players, and pooling resources to create synergy among funders. We are going to focus on articulating climate change, stormwater, sea level connections and how communities can plan. We are going to continue to engage under-engaged audiences by demonstrating connections between natural resource health and their other life priorities. COVID provides us an opportunity here. We are going to keep improving our natural resources and keep the messaging fresh. And we are going to squeeze every drop out of every dollar by supporting innovations and technological and financial efficiencies and raising more resources to meet more of our grantees' demand. In five years, we hope to shrink these barriers to our vision.



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