

Enviro-News

August, 2022

Sponsored by Daemen University's Global & Local Sustainability Department

Newsletter Contents:

- Articles- including events, courses, local news, teaching resources, grants, jobs
- Upcoming Activities
- Public Comments, Civic Engagement and Activism
- Tips for the Environment
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

Articles:

Free Community Tree Steward Workshop

A Community Tree Steward Workshop will be held on **August 5, 2022** from 9am to 3pm at the Erie County Fire Training Center, 3359 Broadway, Cheektowaga, NY or virtually from your home or Wyoming County CCE. The workshop will cover the basics of street tree care and involving volunteers in your tree projects. Communities with two or more people attending will be eligible to receive a Community Tree Care Resource tool bucket valued at \$200. (Limited number available) All participants will receive printed workshop materials and access to the Tree Stewardship online curriculum. Free- Register at <http://erie.cce.cornell.edu/events>

Enchanted Wild Fest

Hawk Creek Wildlife Center will hold its annual Enchanted Wild Fest on **August 6, 2022** from 11am to 4pm. The Center is located at 1963 Mill Rd., West Falls, NY 14170. Immerse yourself in your favorite movies and stories at Hawk Creek's NEW event, Enchanted Wild Fest! Journey through the Center to meet your favorite animals and your favorite characters! Animal encounters, activities for kids, games and characters await you! Refreshments, vendors, gift shop, flying bird show, wild cat chat and activities for all ages. Event parking is FREE and tickets are \$15 for adults, \$13 for veterans and seniors, \$9 for children, and \$35 for a family pass of up to 2 adults and 3 children (5-12 yrs). Children 4 and under are FREE. Tickets can be purchased at the gate or [online](#). Event is rain or shine.

Explore clean energy careers in New York!

Career exploration organization Roadtrip Nation is sending a team of young people out across New York State—for free! Along the way, they'll interview an inspiring and diverse array of professionals throughout the state about how they found their way into the world of clean energy. Filmed for the "Roadtrip Nation" public television series, this experience will showcase the stories of all kinds of professionals, from solar and wind energy technicians to clean transportation professionals. The roadtrippers will gain invaluable advice as they look ahead and try to chart their own course. Applicants can apply at the following link by **August 7th, 2022**: rtn.is/clean-energy-app

August Green Drinks

Join fellow environmentally minded individuals as we meet in person on **Thursday, August 11th** at 5:30pm at Steel Leaf Brewing Company (Eastern Hills mall) 4545 Transit Rd, Buffalo, NY 14221. The event is also listed on the [Green Drinks webpage](#). No reservations needed and great for networking and making new friends.

NOCO's Newest Green Energy Initiative: Geothermal Heating & Cooling

Please join us on **Tuesday, August 9th** at 6pm in the Alumni Lounge at Daemen University's Wick Campus center for NOCO's first geothermal seminar to learn more about this incredible technology that provides a viable path to carbon neutrality. The topics we will be covering are how the technology works, the installation process, and how it can save your family a significant amount of money on heating and cooling. [Register](#) for this free event. We look forward to seeing you there!

Our Sustainable Future - As population growth and density both continue to ramp up, the need for sustainably sourced resources grows at a proportionate rate. Our basic human needs have not changed, and adequate shelter remains one of the biggest factors, which is especially important in a geographic location that sees negative degree temperatures for long periods of time throughout the year. Geothermal systems keep homes heated in the winter and cooled in the summer more consistently than traditional furnaces and AC systems. They run entirely off a small amount of electricity which allows homeowners to reduce their annual energy bills by 65% or more through the elimination of the need for propane, heating oil, or natural gas. In fact, the EPA recognizes geothermal systems as the most environmentally friendly, cost-effective, and energy efficient heating and cooling technologies available.

A Leader's Commitment - Today Jim Newman, the CEO of NOCO, actively manages as the 3rd generation of the company's legacy. Newman's focus for NOCO is positioning the company as a supplier of new energy sources to serve our customers into the next generation. His leadership and vision have allowed NOCO to make great strides in reducing the amount of energy customers use through managing solar fields, installing energy efficient lighting, and most recently, offering geothermal installations to the community that his family has served for the past 90 years.

SkyRide: Let's Build a New Buffalo Legacy

Join us on **Sunday, August 14, 2022 from 8 to 11am** for our 8th annual SkyRide, presented by Independent Health. [Register](#). Our theme for this ride refers to our entire community's efforts to make area streets and roads safer for all people, whether you're walking, biking, using public transit, using a wheelchair, or driving. With organized effort, we can design and build a transportation network that finally sees traffic injuries and deaths decline and where anyone, from children through older adults, can use our streets, sidewalks and intersections safely, without fear. GObike and our presenting sponsor, **Independent Health**, invite you to join us for a family-friendly bike ride over Buffalo's Skyway to kick off this new legacy for Buffalo and celebrate all the positive change we've seen so far. Ride from Lakeside Bike Park, Buffalo Outer Harbor, 825 Fuhrmann Blvd., Buffalo, NY 14203.

Cooperation Buffalo's Cooperative Academy

Cooperation Buffalo's Cooperative Academy is an intensive 11-week training program that helps teams of cooperative entrepreneurs launch worker-owned cooperative businesses. For 11 Wednesdays from October 5th through December 14th, teams will engage in classroom training with experts in the skills required to start successful worker cooperatives, including business development, finance, governance, democratic decision making, and participatory management. After completing the course and pitching your cooperative business concept, Academy graduates will receive up to \$2,500 in seed capital as a reimbursement for eligible start-up expenses, one-on-one technical assistance from Cooperation Buffalo to guide you through legal requirements, securing additional start-up capital, and navigating other resources on your way to launching your co-op. [Apply](#) by **August 15**.

Gooseneck Hill Waterfowl Farm Fundraiser

Come to our fundraiser the Wild Wing Festival on **Sunday August 21** from 12 - 4:00 at our Sanctuary Gooseneck Hill Waterfowl Farm. There will be country music, "The RUSTIC RAMBLERS" food served by Lil's Deli, Guided bird tours, Tents provided in case of rain. Help us raise funds for the birds. ADMISSION is \$10 Adults, Under 12 are \$5, On Sunday July 31 Gooseneck will have a " Birdwatching Event" from 2-5pm. See over 700 ducks, geese and swans from all over the world. Free guided tours. Learn about 78 different species some endangered. Admission is \$10 Adults, 12 and under \$5. www.gooseneckhillfarm.com

WNY Herbal Conference

The **Western New York Herbal Conference** organized by [Reciprocal Roots](#) is always a highlight of the summer, and I can't wait to attend again this year! Join us on **Saturday, August 27th** from 9am to 5pm at Singer Farm Naturals in Appleton, NY. Visit the [conference website](#) to purchase tickets and check out the lineup of presenters and vendors. Ticket includes all classes, workshops, and lunch.

Movement Resilience Program

Clean Air Coalition Clean Air will be partnering with Cynthia Pegado from Cynthesis Studios to provide a unique art, movement and community organizing program! During the course of 12 weeks, the program will explore art, physical movement and the ways in which we can imagine more in our campaigns for environmental justice and a just transition. The program will be held outdoors at Riverside Park (on Hotaling Street) starting July 5th, 2022 from 4-5:30pm. The program will run every Tuesday through August EXCEPT FOR August 2nd. It would be ideal for participants to attend each week, but we will not turn anyone away. [Register](#).

Workshops for Rural Community Planning for Sustainable Food Management

The NYS Sustainable Food Management Workshop Series will be offered at Genesee Community College in Batavia (**Sept. 14, Oct. 19, and Nov. 10**). The purpose of this no-cost opportunity is to assist rural communities across NYS with developing a plan to address food loss and waste on the local level. This series will include two in-person workshops, a final virtual workshop, and independent follow-up assignments. Workshop coordinators will be available to participants for one-on-one support and coaching throughout the duration of the series. By the conclusion of the series, participants will have created a plan to initiate a pilot project to sustainably manage one or more aspects of food loss and waste in their community. Space for the workshops is limited, so coordinators cannot guarantee acceptance of all interested communities. If you and your community would like to be considered for this free opportunity, please [register](#). Deadline to register is **August 26**.

Veterans 2022 Climate and Clean Energy Cohort: Applicants Wanted

The Veterans Organizing Institute is a program which to supports the leadership development of Progressive military veterans, and their vision is to develop a network of diverse former service members with a sophisticated political analysis and practical organizing skills. By providing convening spaces, advanced training, and opportunities for hands-on issue campaign work, we believe we can cultivate long-term Progressive veteran leaders who will play a crucial role in reshaping the long-term American political landscape. From **September 14-18**, VOI will convene our first climate-focused training for veterans working at the intersection of clean energy, economic equity and climate justice. This VOI in Java Center, NY will offer participants the skills to take action in support of a clean energy transition that benefits working families, and to elevate diverse veteran voices to protect our communities and our country from climate change. Clean Air will be leading a portion of the training on how militarism in the US has contributed to environmental injustices and the climate crisis. [Click here to register](#), and be sure to also [contact Emily](#) for more information and to coordinate details like travel.

Grassroots Gardens Pie Raffle

Grassroots Gardens annual Pie Raffle is back and bigger than ever! To keep it COVID-safe, we are moving it to a new indoor/outdoor location and an earlier date. Join us on **Saturday, September 17th** from 2-4pm at the new Resurgence Beer Garden next to the Parkside Lodge at Delaware Park. Tickets are \$25 for adults and \$12 for children. In addition to raffling off delicious pies, we are adding a houseplant raffle this year too. There will be lawn games and kid-friendly activities as well. Tickets can be purchased online using the button below. To purchase tickets by check or cash, or if you have questions, please contact our office at 716-783-9653. [Order Tickets](#).

Upcoming Electronics Recycling Dropoffs

Sunnking will accept electronics at their **Sept. 17** event at Niagara Falls or **Nov. 12** in West Seneca. [Registration](#) required.

Paws in the Park

Join the SPCA on **September 24** for Paws in the Park. The event is in person at Beaver Island State Park or you may participate virtually. It is the SPCA's longest-running fundraiser and raises critical funds for caring for the nearly 12,000 animals we see each year. Now more than ever we are asking participants to spread the word and help us raise the necessary funds needed to continue our mission! As a fundraiser, you will not only help our animals but you will be able to earn unique SPCA gear! [Register here!](#)

Fall Mini-Vet School Registration Opens

The Niagara Frontier Veterinary Society and Daemen University are offering a fall series on veterinary topics. Mini-Veterinary School sessions are on Thursday evenings **October 6, 13, 20, 27 and November 3** from 7-9 pm each evening, located at Daemen University in Amherst. Each session will have two topics that span animal health with local veterinarians presenting the information. You can register for a single session or for the series, but seating is limited. The schedule and list of talks will be posted soon at nfveterinarysociety.org. To sign up [Register](#).

August Summer Teacher Workshops

A Place-Based Data Collection training will be offered on **Tuesday August 2-Wednesday August 3** from 9am to 3:30pm each day at Reinstein Woods Environmental Education Center with a cost of \$30. This two-day workshop will train educators using the nationally recognized [Project Learning Tree](#) and [NASA's Global Learning and Observations to Benefit the Environment \(GLOBE\)](#) programs. Educators will become GLOBE Certified teachers and take home PLT's new flagship curriculum Explore Your Environment: K-8 Activity Guide as well as a tool kit for schoolyard and community data collection. For educators of students in grades 3-12. (12 CTLE Hours). [Register](#).

Great Lakes Ecosystem Education Exchange Summer Workshops

New York Sea Grant and the NYS Department of Environmental Conservation would like to invite teachers and educators to join their annual Great Lakes Ecosystem Education Exchange Summer Workshops across NY's Great Lakes watersheds this summer. These outdoor workshops will take place in parks, beaches, and other natural areas right in our own backyards to connect teachers and educators to their local watersheds, environmental organizations, scientific experts, and each other. This year, workshops will be held from 1:00 pm -3:30 pm, on **Monday, August 8th** – Ontario Beach, Rochester, NY and **Tuesday, August 9th** – Buffalo Harbor State Park, Buffalo, NY. [Click here to register and reserve your spot today!](#)

Household Hazardous Waste Dropoff

The next Erie County household hazardous waste drop-off is **Saturday, October 8, 2022**. The appointment-only, drive-thru event will be held in the City of Buffalo. [Registration](#) for this event will open on September 8, 2022.

Erie County residents have the option of using the County's "Voucher Drop-off program" which enables residents to bring up to 50lbs. of eligible hazardous waste to the Hazman facility in Tonawanda at no cost. Again, preregistration for this service is required. For more info go to erie.gov/recycling or Hazman directly at 998-8073 or call 716-858-6800.

Free Tours of Canalside and Lockport

Tours are free for the summer of 2022 thanks to the generous support of the New York State Canal Corporation and Erie Canalway National Heritage Corridor. You must register for the date and time for your chosen location. [Register for Canalside walking tours](#). [Register for Downtown Lockport walking tours](#).

Rafting and Rocks: A Canadian Adventure

Join Earth Spirit on this condensed excursion in northern New York and Ontario, CA from **August 19-21**. Participants will drive as a caravan to multiple locations focused mostly upon the unique geology of the region. A stop at the famous Herkimer Diamond Mine to find precious gems, a whitewater adventure on the Ottawa River, a dive into the Bonnechere Caves, and a brief respite at Chimney Bluffs to cap it off! [Info](#)

Ride on the New Buffalo Adventure Bus

If you are looking to visit some of Western New York's popular parks, take a ride on the free Saturday bus service, the [Parks Adventure Bus](#). The service began on June 18th, and will run every Saturday through August 6th, with a possible make-up day on Saturday, August 13th. The bus departs from the bus station in downtown Buffalo (181 Ellicott Street). On Saturday, August 6th the Parks Adventure Bus will travel to Evangola State Park, one of over 300 locations on the [NYS Birding Trail](#). [Evangola State Park](#) is an important stopping area for migrating birds and offers a natural sand beach with scenic cliffs of Angola and includes a nature center. The largely wooded park provides excellent habitat for woodpeckers, songbirds, wild turkey, and others. The parkway is an excellent location to view nesting Eastern bluebirds and the nearby marsh is home to waterfowl and herons.

Don't Fear the Raccoons

The Erie County SPCA has a cute video to remind us that raccoons may be active during the day and still be healthy. Check it out a <https://www.youtube.com/watch?v=14dbu2SLSpI>

Help Wheels for Workers Provide Transport for Re-settling Families

Wheels for Workers 716 (WW716) is a new non-profit, supporting Buffalo's large number of re-settling families. Their mission is to provide bicycles and helmets to our newest neighbors who wish to work but lack basic transportation. WW716 collects bikes at St. Paul's Lutheran Church, 4007 Main St, Buffalo, NY 14226, while Journey's End Refugee Services connects them to our new neighbors, linking ride-ready bikes to work-ready Buffalonians. WW716 needs: bikes and bike parts, donations, volunteers, and help spreading the word! To get in contact visit their [Facebook page](#).

Visiting a National Park-Participate in Data Collection on Plastic Pollution

This summer, we are mobilizing volunteers around the country to document plastic pollution at U.S. National Parks using our [TrashBlitz research platform](#). Head to any national park from July through September, do a cleanup, and submit your data. It's that easy! Your data will contribute to a report that will reveal the materials, items, and brands of waste found in national parks. These results can support and advise legislation that keeps harmful single-use plastic out of our protected spaces, like the *Reducing Waste in National Parks Act* and the Department of the Interior's plan to phase-out single-use plastic on federal lands. [Register now](#).

Regenerate NY Grants Available

Regenerate NY is a cost sharing grant program that assists private landowners in growing the next generation of forests crucial for mitigating climate change, providing wildlife habitat, protecting air and water quality, and supplying important renewable resources. **The second round of grants are now available**, on a first-come, first-served basis to private landowners with 10 to 1,000 acres! To apply for a grant, go to [Grants Gateway](#) and search for Regenerate NY 2022. Contact RegenNY@dec.ny.gov for questions.

Have an Apiary?

As of December 23, 2021, all beekeepers in NYS are required to register with Ag and Markets and renew their registration annually regardless of whether you are selling nucleus colonies or queens or not. It only takes a few minutes to do, and then you will get notifications of any disease issues in your area. [Learn more](#).

Climate Solutions are Health Solutions: PUSH Green's Home Energy Efficiency Program

A new report released by Partnership for the Public Good studied the health, housing, and climate impacts of the [PUSH Green](#) program. The report goes over the relationship between health, climate, and housing. It explains the PUSH Green program and how it connects residents with energy-efficiency and home repair programs. It reviews insights from interviews and available data and provides an evaluation of the PUSH Green program. It also provides actionable recommendations for PUSH Green, for government policymakers, and for community-based organizations. Read it [here](#)

Erie Community County Climate Action Planning

Erie County Climate Action is working hard on the community climate action plan! Working groups, consisting of County staff and community stakeholders have been developing goals, strategies, and action items to help mitigate climate change effects in the WNY area. If you're looking for ways to get involved, consider joining the Ambassador Program <<https://www3.erie.gov/climateaction/climate-ambassador-program>>. Ambassadors play a vital role in bridging the gap between local government and community members. Check out <https://www3.erie.gov/climateaction/> for more information on Erie County's climate efforts and ways to be involved.

Erie County Receives Silver Climate Smart Community Certification

Erie County is one of Clean Energy Communities that has been recognized with the Silver Climate Smart Communities Certification. The certification is a significant achievement, indicating the Community has not only pledged to take action to fight climate change with clean energy solutions, but has already completed a number of steps - 44 to be exact - in the process of being certified as a Climate Smart Community. Access the County's full [Certification Report](#).

Free Complete Streets Workshops for Communities

In partnership with the New York State Department of Health, Urban Cycling Solutions offers a FREE complete streets and active transportation training to communities throughout New York State. This training includes detailed instruction on the complete array of complete streets topics and is available to New York State Communities on a first come, first served basis. Please [fill out this online form](#) or email info@urbancyclingsolutions.com to request a course in your community today!

How to file a report to the DEC

See dark smoke or dust rising from an industrial site, or smell something foul? Visit dec.ny.gov/regulations/67751.html to file a report, or, for rapid response, call **1-844-DEC-ECOS** (1-844-332-3267) or the **NYS Spill Hotline (1-800-457-7362)**.

Check Your Pool Filter for Asian Longhorned Beetle

Asian longhorned beetle (ALB) is active from now through Labor Day. DEC invites pool owners to check filters for the invasive insect regularly and submit a report if any are found. ALB attacks and kills maples, birches, willows, and other hardwoods. They emerge from infested trees in the late summer to find a new host. The beetles are 1.5 inches long, have long black-and-white antennae, and have black and white spots on their body. They should not be confused with the native white-spotted pine sawyer, which has a distinctive white spot on their back, below their head. No pool? You can still help! Be on the lookout for ALB exit holes, sawdust accumulating at the base of trees, oozing sap or pits in bark. If found: Email photos to the Forest Health Program at foresthealth@dec.ny.gov; or mail insects to DEC's Forest Health Diagnostics Lab for identification, Attn: Jessica Cancelliere, 108 Game Farm Road, Delmar, NY 12054. [Learn more about ALB surveys](#) on DEC's website.

Municipal Training Resources from LEWPA

The Lake Erie Watershed Protection Alliance (LEWPA) has developed a webpage with 20-minute educational videos designed for municipal officials but are also informative for the public. Learn more about watersheds and the issues impacting water quality at www.tinyurl.com/municipaltraining.

Public Encouraged to Report Potential Beech Leaf Disease Infections

The New York State Department of Environmental Conservation (DEC) has announced that Beech Leaf Disease (BLD), which affects all species of beech trees, was identified in 35 counties in New York State to date. Fourteen of the counties with BLD were confirmed in 2022, and more are likely to be identified. Much is still unknown about BLD, including how it spreads, but it can kill mature beech trees in six to 10 years and saplings in as little as two years. BLD symptoms are associated with the nematode *Litylenchus crenatae mccannii*. It is unknown whether the nematode causes all of the damage, or if it is in association with another pathogen such as a virus, bacteria, or fungus. DEC is asking the public to submit reports through [NYimapInvasives](#) if they encounter a beech tree showing signs of BLD, especially for counties where BLD has not yet been confirmed. The main symptom to look for on beech foliage is darkened striping between the veins, which is best seen when looking up through the canopy. Leaves with severe symptoms can be heavily banded and crinkled, with a thickened leathery texture. At this time there are no specific recommendations for managing trees that are infected with BLD, however, DEC encourages the public to report potential BLD infections using iMapInvasives to help track the disease while research is ongoing. For more [information about beech leaf disease](#), visit DEC's website. For more information on iMapInvasives, [visit the NYimapInvasives website](#). For questions about potential tree pests or pathogens, email photos and a description to foresthealth@dec.ny.gov. [View the Beech Leaf Disease map \(PDF\)](#).

"Secret Places of Western New York - 25 Scenic Hikes"

The new edition of "Secret Places of Western New York" will be available April 1. This 192-page hiking guide to out-of-the-way places in WNY written by Bruce Kershner, Jennifer Hillman and Bill McKeever can be ordered at www.secretplacesofwny.com. With the passing of Bruce Kershner, Hillman and McKeever partnered with his family to bring this out of print book back to the public. The book is a great gift for an outdoor enthusiast in the area. Pre-orders for autographed copies are being accepted at www.secretplacesofwny.com.

New Remote Sensing Research for Water Chestnut in Erie Canal

Drone remote sensing is rapidly becoming a useful tool for collecting data and monitoring changes of geographic features with high spatial and temporal resolutions. The major objectives of this research are 1) to apply unmanned aerial vehicle (UAV) technology to perform rapid detection and coverage estimation of water chestnut (*Trapa natans*) invasive species along the lower reach of the Erie Canal; and 2) to assess the effectiveness of the physical removal by US Fishery and Wildlife Services. [Info](#).

eBird Helps Track Your Bird Sightings

Interested in tracking your bird sightings? [eBird](#) helps you find birds and build your birding life list, all while promoting the science, conservation, and education that leads to groundbreaking discoveries—just like the recently published study of mountain birds mentioned above. The best way to start is with our [free, self-paced eBird Essentials course](#)—it's packed with video walk-throughs and helpful tips so you can start eBirding in no time.

Nonnative Tree Population Increase - USDA Forest Service Report

Nonnative tree species, while generally viewed as detriments to ecosystems, may provide important ecosystem services, such as carbon storage. A recent [USDA Forest Service Report](#) documents an increase in nonnative tree species in forests in the conterminous U.S. and on Pacific and Caribbean islands. The report can aid managers in assessing the impacts of nonnative trees and human interference on forest composition.

Beer Can Carriers: Most Not Recycled

If you are a craft beer drinker and have accumulated the plastic snap-on can carriers, you may wonder if these are recyclable. In some parts of the country, they may be accepted but not in New York. [Read](#) about the issues and options for dealing with these carriers.

Managing Great Lakes Invaders - Video Series

The [five-part short video series](#), Managing Great Lakes Invaders, was developed by Michigan Sea Grant and the Great Lakes Aquatic Nonindigenous Species Information System (GLANSIS). Each short video focuses on a different Great Lakes invasion story, including ballast water, sea lamprey, dreissenid mussels, and invasive carp, along with a capstone video that unites them. This project demonstrates how cooperation between researchers, legislators, industry, and other stakeholders can make a powerful difference in protecting the Great Lakes.

2022 Online Exams for Licensed Guides Announced

Examinations are scheduled for individuals seeking to become licensed guides in New York State for camping; fishing; hiking; hunting; whitewater; rock climbing; ice climbing; and certified skilled with boats and canoes. A guide is a person at least 18 years of age who offers services for hire, part or all of which include directing, instructing, or aiding another individual in fishing, hunting, camping, hiking, whitewater rafting/canoeing/kayaking, or rock and ice climbing. Applicants need not be a resident of New York State to receive a guide's license. Exams in 2022 will be online. The registration deadline for exams is seven days before the examination. Instructions, registration information, an outline of exam content, and a study guide can be found on [DEC's Licensed Guide Program webpage](#).

LEED Green Associate (GA) Training - Webinar and Online Self-paced Options

Register for a live webinar or start today with our on-demand recorded workshop completed anytime at your own pace here - <https://leadinggreen.com/online>. This course is instructed by a USGBC Faculty member and is the most effective way to pass. The USGBC charges a \$100 (reduced for students) fee for the actual exam which can now be taken online from home. Save money by reserving your spot today and make a positive difference in your career! Cost: \$200 - Students can use the coupon code 'green' for \$50 off (Discounted course price \$150).

'Greater Niagara' Birding Trail Includes 36 Locations in Five Western New York Counties

New York State Department of Environmental Conservation (DEC) announced the opening of the Greater Niagara segment of the New York State Birding Trail. The Greater Niagara segment includes 36 locations throughout Erie, Genesee, Niagara, Orleans, and Wyoming counties, providing a variety of quality birding experiences for New Yorkers and visitors to enjoy. The New York State Birding Trail map is available at the [New York State Birding webpage](#) and provides valuable information on each site such as location, available amenities, species likely to be seen, directions, and more.

Farmland Protection Grants Available

The NYS Department of Agriculture is pleased to announce the availability of funds for the [Round 18 Farmland Protection Implementation Grants \(FPIG\) Program – Conservation Easement Projects](#). The intent is to fund the implementation of certain farmland protection activities intended to maintain the economic viability of the State's agricultural industry and its supporting land base and to protect the environmental and landscape preservation values associated with agriculture. Grant applications will be accepted on a continuous basis. The [RFA](#) will remain open and awards will be made until such time as available funds are fully committed, or the RFA is closed.

Soil Health Tool

[The ABCs of Soil Health](#) by USDA NRCS in an interactive tool that will walk you through facts about soil's role in agriculture and supporting life on this planet, and what we can do to better manage our soil through conservation. A is for Assessment, B is for Biodiversity, C is for Cover Crop. Can you guess what Z is for? Learn what zymogenous means at the site.

Funding for EV Charging Stations

Through [Charge Ready NY](#), NYSERDA provides rebates of \$4,000 per charging port for Level 2 charging stations installed at public, workplace, and multi-unit dwelling parking lots. This could add up to a savings of 30% to 80%, depending on station and installation costs. Additional incentives of \$500 per port may be awarded for installations within [disadvantaged communities](#). Most utilities now offer [incentives for installing charging stations](#) that can cover most of the installation costs and can be used in tandem with [New York State](#) and [federal](#) tax credits.

Nourish New York

The Nourish New York initiative reroutes New York's surplus agricultural products to the populations who need them most through the state's food banks. The program also provides much-needed support for the food producers and farmers who have lost markets as a result of the COVID-19 pandemic because the state's food banks are buying agricultural products from New York farmers and food processors. [Learn more](#).

Make Cigarette Butts Part of Your Cleanups

Littered cigarette butts: besides ugly to look at, they are hazardous to our kids, pets, wildlife and gardens. Locally, data from the Great Lakes Watershed Cleanup conducted by Ocean Conservancy indicates that more than 300,000 cigarette butts (35.3% of all items recovered) were collected from the Great Lakes in 2019. When left in the environment, littered cigarette butts leach toxic chemicals, such as arsenic (used to kill rats) and lead, that may be carried as runoff to drains and end up polluting our rivers and lakes right here in Western New York. Because cigarette butts are primarily made of plastic filters that don't biodegrade, the butts that aren't eaten by wildlife simply pile up on shorelines or at the bottom of bodies of water. To find out how you can get involved, visit <http://tobaccofreewny.com/>.

EPA Develops Food Stewardship Education Resources for the Faith Community

EPA's Food Stewardship education efforts aim to engage the faith community on protecting the environment through reducing food waste. A downloadable Food Stewards toolkit, with tips on how to modify food purchases, donate, compost, and share success stories, is now available. [Learn more about these resources](#).

Clean Energy Communities Program for Towns

Is your WNY town a member of the Clean Energy Communities Program? Check out the map [here](#) to see towns that are in the program and the actions that they have taken to save energy and often costs for their town. If your town isn't one of them, ask your elected official why they haven't made a commitment to cleaner energy.

New Remote Sensing Research for Water Chestnut in Erie Canal

Drone remote sensing is rapidly becoming a useful tool for collecting data and monitoring changes of geographic features with high spatial and temporal resolutions. The major objectives of this research are 1) to apply unmanned aerial vehicle (UAV) technology to perform rapid detection and coverage estimation of water chestnut (*Trapa natans*) invasive species along the lower reach of the Erie Canal; and 2) to assess the effectiveness of the physical removal by US Fishery and Wildlife Services. [Info](#).

Regenerate NY Cost-Share Grants Available for Forest Landowners

Do you own between 10 and 1,000 acres of forest land and have an interest in improving your woods? DEC's Regenerate NY program provides cost-share grants to New York landowners looking to enhance forest regeneration on their property. Landowners who want to plant trees, control competing vegetation, restore a degraded forest stand, or exclude deer are encouraged to apply for project funding. To find out more about getting funding for your forest, please [visit DEC's website](#). Applicants will need to apply through [Grants Gateway](#). Private landowners are encouraged to team up with a [cooperating forester](#) for application support. Check out the [Regenerate NY webpage](#) for info.

Kick-off the Camping Season Right and Earn NY Camping Rewards

Do more of what you love and earn rewards while doing it! Sign up for the [NY Camping Rewards program](#) and earn 10 points for every dollar that you spend on overnight accommodations at all New York State Campgrounds. Start earning points on your upcoming reservations as soon as you are enrolled in the program. This is an online program, so there is no physical card to keep track of. [Enroll](#) and start earning today!

Farm to School Program in New York Awards Local Districts

New York's Farm-to-School program promotes the purchase and use of New York State grown food in meals served in cafeterias of K-12 schools. With over 700 school districts in New York State, there is great opportunity to see the many benefits of farm to school programs expand across the State, including preparing children to learn; improving student health and well-being; strengthening the local economy; and building healthy communities. Additionally, the program helps schools and farms address the challenges that make procuring, storing, and serving local food difficult. Projects awarded locally include the Kenmore Town of Tonawanda Unified School District (\$36,070) and West Seneca Central School District (\$99,924) to increase the volume of New York State food products and develop the Western New York Taste Test Project which brings together a diverse cohort of school districts with a shared goal of increasing the volume and variety of local foods served and consumed in their cafeterias, and developing farm-to-school sustainability plans.

Bike-Friendly Business Certification

Bike Friendly New York (BFNY) is a certification program that recognizes businesses and establishments that accommodate bicycles and the people that ride them. To get certified, review requirements at www.ptny.org/bikefriendly, fulfill required criteria, and apply for review. Certified businesses can promote on their website and display on windows and other promotional materials.

Buffalo Food Waste Diversion is Available Year-Round

Buffalo has tested and is launching year-round collection of food waste in an outdoor collection bin at Elmwood Avenue and Bidwell Parkway. Food scraps will be transported by Natural Upcycling to Buffalo River Compost. Since June 2019, over 1000 people have participated in the "Scrap it" program with six summer locations available for drop-off. Acceptable materials are fruits and vegetable scraps, coffee grounds and filters, egg shells, tea bags and nuts. For more info, visit www.buffalorecycles.org.

Plant-Based Food Wrap and Containers

A Rutgers University scientist has developed a biodegradable, plant-based coating that can be sprayed on foods, guarding against pathogenic and spoilage microorganisms and transportation damage. This would allow us to get rid of fossil fuel-based food packaging and replace it with biodegradable, nontoxic materials. The material uses polysaccharide/biopolymer-based fibers that are shrink-wrapped over foods to protect against bruising and fight pathogenic organism that can spoil the food. Read the study at [10.1038/s43016-022-00523-w](https://doi.org/10.1038/s43016-022-00523-w)

NYSERDA Green Jobs Green New York Energy Studies

Small businesses and not-for-profit organizations can receive an energy study to help them identify opportunities to make their buildings more energy efficient. The energy study is a valuable tool to understand how to reduce energy usage and costs in your facility, and it provides a “road map” to plan for improvements that can be made as budgets permit. It includes: a comprehensive walk through of the facility; site staff interviews; utility bill analysis; fuel neutral, unbiased evaluation of potential low-cost/no-cost and capital improvement energy efficiency upgrades; and a report that outlines potential energy and cost savings opportunities for your facility. Once the study is complete, you receive assistance in identifying potential utility incentives and low-cost financing options to help take the next steps toward implementing energy saving projects. Small businesses with 100 or fewer Full-Time Equivalent Employees (FTEs) company-wide or not-for-profit organizations of any size are eligible for the program. For more information call Michelle Wooddell at 1-888-338-0089 or email info@NYEnergyStudy.com.

Take an 'I Bird NY' Challenge

It's that time of year again! The annual [I BIRD NY Challenges](#) are now live and open to birders of all ages and abilities across the state. To complete the [Beginner's Birding Challenge](#) (PDF), participants 16 years old and younger must identify 10 common New York bird species, while more seasoned birders are also encouraged to complete the [Experienced Birding Challenge](#) (PDF), in which participants of any age must identify 10 or more different bird species found across New York. Both entry forms are also available in Spanish. Entries can be submitted via [email](#) or mail until October 14. All challenge participants will be able to print a certificate of participation and be entered for a chance to win birding accessories. New this year: participants will also receive an extra entry for identifying half of the birds (5) on [NYS Birding Trail sites](#)! As an extra bonus, the first 50 participants from either challenge will also receive a special goodie bag of birding swag items. Birding enthusiasts can visit [I Bird NY](#) to access this year's challenge sheets, as well as find information on birding, upcoming birding events, a downloadable [Beginner's Guide to Birding](#) (also available in [Spanish](#)), and additional resources.

Manage Weeds on Your Farm: Ecological Strategies

Cornell and USDA scientists have published a guide to managing 63 particularly nasty weeds on farms. The guide can be [downloaded](#) and provides the best tactics and timing for controlling weeds while reducing labor and ensuring weed competition doesn't reduce yields.

Managing Great Lakes Invaders - Video Series

The [five-part short video series](#), Managing Great Lakes Invaders, was developed by Michigan Sea Grant and the Great Lakes Aquatic Nonindigenous Species Information System (GLANSIS). Each short video focuses on a different Great Lakes invasion story, including ballast water, sea lamprey, dreissenid mussels, and invasive carp, along with a capstone video that unites them. This project demonstrates how cooperation between researchers, legislators, industry, and other stakeholders can make a powerful difference in protecting the Great Lakes.

We Are Each Other's Harvest: An Evening with Natalie Baszile

Did you miss the June 21st 2022 event? Use the link to watch the presentation on [YouTube](#). The event featured a special conversation with Allison DeHonney (Buffalo Go Green/Urban Fruits & Veggies), Mahamud Mberwa (Bwedo Farm), Dao Kamara (Liberian Community Farming Project), and Hamadi Ali (Providence Farm Collective).

Focus on Forest and Wood Products as Natural Solution to Address Climate Change

View a [recorded](#) webinar discussing how managing forests and using wood products can offer solutions to addressing climate change. Are you a landowner who is interested in managing your forest? DEC's new [Benefit Your Land with a Plan \(PDF\)](#) booklet can provide insight into the many benefits that your land can offer. The guide also gives guidance on finding a forester who can help you establish a stewardship plan for your forest. Stewardship plans are documents that guide the actions a landowner should take in order to maintain a healthy forest that can be enjoyed now and by future generations. Check out [the guide \(PDF\)](#) and other [resources for private landowners on our website](#).

Global Oceanic Plastic Waste: Reckoning with the U.S. Role

An estimated 8 million metric tons (MMT) of plastic waste enters the world's ocean each year - the equivalent of dumping a garbage truck of plastic waste into the ocean every minute. Plastic waste is now found in almost every marine habitat, from the ocean surface to deep sea sediments to the ocean's vast mid-water region, as well as the Great Lakes. The National Academies of Sciences has published a report that responds to a request in the bipartisan Save Our Seas 2.0 Act for a scientific synthesis of the role of the United States both in contributing to and responding to global ocean plastic waste. Read it [here](#).

2022 New York Harmful Algal Blooms Notification and Reporting System

DEC has announced the start of the 2022 online Harmful Algal Blooms (HABs) map and reporting system to inform the public about HABs locations in New York. Most algae blooms are harmless. However, exposure to toxins and other substances from certain HABs can make people and animals sick. DEC is asking the public and trained algal bloom samplers to send reports of HABs with photos electronically via a [simple, mobile phone-friendly form](#). After DEC and the Department of Health (DOH) evaluate the reports, they are posted to [NYHABS](#). For more information about HABs, visit DEC's [Harmful Algal Blooms \(HABs\) webpage](#).

ZEV Funding for Municipalities Adding Electric Vehicles and Installing Related Charging Infrastructure

Funding is now available through the [ZEV Rebate and ZEV Infrastructure Grant programs](#) to help municipalities purchase or lease zero-emission vehicles for fleet use and to install public electric vehicle charging and hydrogen fuel filling stations. Of the total \$5.75 million made available for this round of rebates and grants, 40 percent of the funds will be prioritized for projects in Disadvantaged Communities as identified by the [Climate Justice Working Group's draft criteria](#). A total of \$750,000 is available to municipalities for eligible all-electric, plug-in hybrid, or hydrogen fuel cell vehicles purchased (or leased for a minimum of 36 months) from dealerships in New York State and placed into municipal service on or after August 1, 2020. A total of \$5 million is available to municipalities to install hydrogen filling station components or electric vehicle charging equipment that is Level 2 or direct current fast charge primarily for public use. DEC is accepting applications on a rolling basis now through 4:00 p.m. on **September 30, 2022**, or until funding is exhausted, whichever occurs first.

Is Your Congregation Cool?

Across the nation, Interfaith Power & Light and our state affiliates are helping congregations take action by lowering their emissions that contribute to climate change. Has your congregation done a project to reduce its carbon footprint? If so, you can help them become a Certified Cool Congregation. [Click here to find out more.](#)

Lead Pipes in your House? Get a Free Water Test

If you have determined your home has a lead service line, there are resources at your disposal. [\(If you missed our last alert on how to determine if you have a lead pipe, click here\)](#). Getting your water tested is an important next step to learn how much lead might be currently leaching from your pipes into your drinking water and the risks to your home. To receive a free lead testing kit through the mail, call (518) 402-7650 or [submit an online form to the NYS Department of Health](#). Check this [factsheet](#) to learn how to protect your household.

Help Track Spotted Lanternfly

[Spotted lanternfly \(SLF\)](#) is an invasive pest from Asia that feeds on a variety of plants including grapes, hops, and maple trees, posing a severe threat to NY forests and agriculture. SLF has been found in several locations in NY but has not yet spread to much of the state. One potential pathway for the spread of SLF is its preferred host plant, tree of heaven (TOH), which is already found in many locations across NY. Learn more about the insect [here](#). We are seeking volunteers like you to look for SLF and TOH in your area. Visit the [NY iMapInvasives website](#) to learn about the project, and sign up for a grid square on the map to monitor.

Hemlock Woolly Adelgid Management

Hemlock woolly adelgid (HWA, *Adelges tsugae*) is an aphidlike, soft-bodied insect, almost too small to see with the naked eye. Native to Asia, HWA was first reported in the eastern United States in the 1950s. It has since spread to 20 states and two Canadian provinces. HWA feed on tree sap by inserting their mouthparts at the base of the needles and removing plant fluids. Their feeding causes the needles to turn gray, die, and drop from the tree. Branch dieback progresses from the lower branches to the top of the tree. Severe infestations may bring about premature needle drop, reduced twig growth, dieback, and tree death. [Info and resources](#).

Meet the Earthworms of New York

There are only a few native earthworms in New York State, which are all found in undisturbed habitats. Invasive earthworms transform soil and can have negative impacts on other organisms, including groundnesting birds, salamanders, millipedes, trees, and forest plant species. There are many knowledge gaps about these earthworms, making all sightings important. The [JWORM working group](#) and [NYSDEC Invasive Species Coordination Section](#) made a [resource](#) to aid in identification and reporting of worms in New York State.

Hops N' Rocks 2022

Penn Dixie's annual fundraiser is back! Join us in-person on **Wednesday, November 9th at 6 pm** at [Resurgence Brewing Company](#) for an evening of dinner, drinks, and fossil fun! The event features a buffet style dinner, a cash bar, and a fundraiser raffle & auction. All proceeds from Hops N' Rocks go towards our educational programming, allowing us to continue providing hands-on natural science experiences to our visitors, schools, and communities. Hops N' Rocks tickets are \$50 per person, \$175 for four people, and \$450 for a table of ten. Each ticket comes with a buffet-style dinner, drink ticket, and commemorative HNR 2022 gift. [Buy Hops N' Rocks Tickets Here](#)

Reuse Action in Action: Source for Reusable Materials

Reuse Action helps deconstruct buildings to return building materials to the supply chain. The store will also take your used furniture, cabinetry or building supplies. Don't send them to the landfill, donate them. Check out www.reuseaction.com, call the store at 716-894-3366, or stop by 980 Northampton Street. Profits from sales put people to work!

Is Science Sustainable?

Laboratories have developed the reputation of being "energy hogs," but there is now a global effort to conduct research in a more environmentally-responsible way. This [six-part series](#) discusses the current state of lab sustainability, illustrate how small changes can curb your lab's carbon footprint, and outline some green approaches to waste management.

One Region Forward Learning Series Recordings

The One Region Forward Learning Series has been ongoing for the past two years. The Series covers a wide variety of topics. All sessions have been recorded and are available [here](#).

Resources for Buying an Electric Vehicle and Charger

Making the switch to an electric vehicle—and pairing it with an ENERGY STAR certified charger—is not only good for the planet, it could also save you \$1,400/year on fuel and car maintenance. Plus, with rebates and tax credits, you can save even more. [Learn about all the benefits today!](#) A [study](#) examined the life cycle greenhouse gas emissions from electric cars and combustion engine cars globally. Their analysis showed that only battery electric and hydrogen fuel cell electric vehicles have the potential to achieve the magnitude of life-cycle GHG emissions reductions needed to meet Paris Agreement goals.

Farm Energy Audits

NYSERDA offers free energy audits to identify energy efficiency measures for eligible farms and on-farm producers, including but not limited to: dairies, orchards, greenhouses, vegetables, vineyards, grain dryers, and poultry/egg. In addition, greenhouse facilities can receive a free benchmarking report that describes their energy use intensity and benchmarks their facility against an anonymous aggregate of peer facilities. Farms must be customers of a New York State investor-owned utility and contribute to the System Benefits Charge (SBC). Check your current electricity bills. Farms can request an energy audit or a greenhouse benchmark report through the [Agriculture Energy Audit Program](#).

Recycle Right Website

Learn more about recycling in New York with the new website: <https://recyclerightny.org/>. Resources and info on how to recycle and where you can recycle are shared. Funding opportunities for recycling programs and ideas are also listed.

Grants for Youth Field Trips

Did you know there is a **grant** to take youth on field trips? The Connect-Kids-to-Parks Field Trip Grant Program (Connect Kids) is designed to connect students in New York State with nature and history. Each grant provides reimbursement of up to \$40 per student (and \$80 for Special Education students) for field trips to state and federal parks, education and nature centers, forests, historic sites, fish hatcheries and other outdoor recreation areas. Find out more about this innovative grant program at the [Connect Kids Grant page](#).

Free *Conservationist for Kids* Magazines and NY State Parks Passes for 4th Graders

Conservationist for Kids, the nature and environment magazine for kids in New York State contains information and activities about New York State's environment, and ways to explore outside. If you are a fourth-grade teacher in New York State and are not already receiving *Conservationist for Kids* for use in your classroom, you can email the editor at KidsConservationist@dec.ny.gov. To see back issues, lesson plans, and other activities, including Educator resources and Family Resources, visit the [Conservationist for Kids magazine page](#). New York State Parks will accept the National Park Service's Every-Kid-in-a Park pass upon presentation for free entry into all State Parks and for tours at Historic Sites. For more information on activities 4th graders can do at NY State Parks & Historic Sites with this pass, and how to receive it, [visit the Connect Kids page](#).

Clothing Recycling in Schools

Project Green Schools is excited to partner with [Planet Aid](#) in order to help schools and communities work together with a unified goal of recycling 25,000 lbs of clothing and shoes. Both Planet Aid and Project Green Schools will support you with everything that you need to organize and promote your drive. [Click to register](#) to host a drive this summer or fall. Clothing drives are open to U.S. based schools and organizations that fall within Planet Aid's region.

EPA Clean School Bus Program

EPA's Clean School Bus Program will provide \$5 billion over the next five years to replace existing school buses with low- and zero-emission school buses. The 2022 round of the Clean School Bus Program has \$500 million in Clean School Bus rebates available for eligible entities such as state governments, local governments, non-profits, for-profits, tribes, tribal organizations, and tribal schools to replace existing diesel school buses with qualifying low- and zero-emission models powered by battery-electric, CNG, and/or propane drivetrains. Funding can also be used for the purchase of qualifying electric school bus charging infrastructure. Rebate applications are being accepted now through **August 19, 2022**. [More information](#) about program eligibility and vehicle qualifications, and instructions on submitting Clean School Bus rebate applications are available online.

New York Truck Voucher Incentive Program

The New York Truck Voucher Incentive Program (NYTVIP), administered by the New York State Energy Research and Development Authority (NYSERDA), provides vouchers (discounts) to commercial fleets, non-profit agencies, and public fleet entities across New York State for the purchase or lease of qualifying medium- and heavy-duty zero-emission battery-electric or hydrogen fuel cell electric vehicles, including trucks, school buses, cargo handling equipment, and transit buses. Vouchers for [eligible vehicles](#) are available on a first-come, first-served basis through a network of program-approved dealers. See NYTVIP [Frequently Asked Questions](#).

Teacher's and Home-Schooling Resources

[Our World in Data Website](#)

[Transforming K–12 Education Through Sustainable Practices](#)

[Diversify Earth](#)-tool to teach or learn about the different scientists involved in Earth and Environmental Science, highlighting the diversity of individuals involved and how they contribute to their fields.

[Xerces Society for Invertebrate Conservation Education Resources](#)-includes a new invertebrate exploration activity book, YouTube channel for youth, monarch toolkit, and identification and monitoring guides. All of the resources are designed to help inspire the next generation to care for invertebrates.

[Pre-College University Environmental Justice Academy](#)-The free courses are designed for all skill levels and include Environmental Justice 101 and Climate Justice.

[Recycle City online](#) educational resource- web-based games and activities.

[Professional Development for Teachers](#): Explore our K–12 program's lineup of webinars and workshops.

[NEEF Citizen Science Resources](#) offer a chance for everyone to get involved and contribute to the body of knowledge we have about our planet—no matter their age or level of experience! Explore these resources and stories to get started with engaging students in a citizen science project.

[National Park Service Biodiversity Curriculum: Flipping for Adaptations](#) allows students to learn how different structural and behavioral adaptations help animals survive. Students will show what they have learned by drawing and writing about their “flipped” animal to encourage creativity and thoughtful response in how these adaptations help their animals survive in their unique environments.

[Using Nature's Notebook to Teach Science and Climate Change](#) engages students with the critical scientific skill of observation.

[Science of Food and Cooking: STEAM Educational Videos](#)

[Conservation in the Classroom Student Livestream Events](#)-Through free 45-minute virtual events livestreamed on World Wildlife Foundation's website, students can listen as WWF experts share their experiences working to protect species and habitats worldwide.

[Explore videos, articles, data portals and more](#) to see how scientists are studying the impacts and providing best-in-class data and information for a Climate-Ready Nation.

[What do Cardboard Boxes have to do with Carbon Emissions?](#)-Lesson plan

[National Geographic: Mapping Blue Whale Migration Activity](#)-This resource from National Geographic engages students grades 3-8 in mapping skills and learning about animal migration. Students will identify a major migration route taken by blue whales, use a map scale to calculate the distances of migrations of several marine organisms, and consider human impacts on whales and other migrating marine species.

[Science Friday: Soil Engineering Activity](#)-Soil health is being threatened by natural processes and human impact. In this activity, students learn about soil texture and function and apply that knowledge to the role soil plays in an ecosystem and in our everyday lives.

[Education can be rewired to teach nature](#)--YouTube video

[STEM Teaching Tool: Steps to Designing Justice-Focused Assessments in Science](#)- outlines a nine-step process to help teams develop Framework-aligned assessment tasks in science focused on justice-centered phenomena and scenarios. Justice-focused assessments are assessments where students use science knowledge and engineering design practices to solve problems involving matters related to the unequal distribution of consequences (e.g., benefits, harms) to communities that result from human-nature interactions and/or unequal voice of communities in matters affecting their thriving and sustainability.

[Minecraft Sustainable City](#)-free lessons on sustainable food production, water treatment, recycling, sustainable foresting, and alternative energies.

[Climate Generation Curriculum](#)-Grades 3-12 curriculum resources in the form of curriculum guides, as well as online modules that can be downloaded for free. All of these resources are interdisciplinary and can be used in the following classes: earth science, life science, physical science, civics, economics, history, media, English Language Arts, environmental science, geography, and art.

[NEEF Watershed Sleuth Challenge](#)- With NEEF's Watershed Sleuth Challenge, students will learn more about their local watershed—what it is, why it's important, and what they can do to help protect it—as they earn badges at each level of this three-part course.

[Nautilus Live STEAM Education Resources](#)-Ocean Exploration Trust's Nautilus Exploration Program has a collection of science, technology, engineering, art, and math (STEAM) education resources to engage K–12 learners of all levels in the excitement of deep-sea exploration and ocean studies. The resources are designed for use in either in-person or remote learning settings and include a mix of standards-supported STEM learning modules, engineering design challenges, creative projects, teaching animations, data-driven activities, videos, and more.

[Good Thinking! The Science of Teaching Science](#)-This Smithsonian Science Education Center original web series is designed to support K-12 science educators through targeted short-format videos that explore common student ideas and misconceptions about a range of science topics such as energy, chemical reactions, and natural selection, as well as pedagogical subjects like student motivation and the myth of left and right-brained people.

[Correo Real "Royal Mail" citizen science project for Monarchs](#). The site is in Spanish and English, for bilingual learning, and links to wonderful resources in the US and in Mexico. They also have a [Spanish only educator guide \(PDF\)](#) full of activities. Also a related [video and the activity from the Correo Real Educator guide called Hijas del Sol](#).

[Enviro-Time Storytime: Recommended Environmental Reading Lists for Children Pre K-12, 2nd Edition \(PDF\)](#) connects readers and read-aloud listeners to the Great Lakes' and global environments, highlighting diversity in the coastal sciences, books by and about Indigenous North Americans, environmental activism, sustainability, sturgeon conservation, and Great Lakes stewardship.

[OPEN SOURCE BOOK: Curriculum and Learning for Climate Action](#) - to effectively achieve Target 4.7 of the UN Sustainable Development Goals (SDGs), Universal Education for Sustainable Development (ESD), and Global Citizenship Education (GCED).

[FreshFarm Curriculum](#) - for pre-K through 5th grade. Free lessons that have been sequenced according to seasonal topics and adaptable for a range of uses from embedded programming, to supplementing classroom education, to garden-based learning.

[TREES](#) - curriculum for Teaching Reforestation Environmental Engagement and Sustainability.

[The Connect-Kids-to-Parks Field Trip Grant Program](#) (Connect Kids) - each grant provides reimbursement of up to \$40 per student (and \$80 for Special Education students) for field trips to state and federal parks, education and nature centers, forests, historic sites, fish hatcheries and other outdoor recreation areas.

[Living in the Intertidal](#) - video on what nature can tell us about managing future waves of change and enduring the chum of uncertainty.

[Ecology Project International Teacher Fellowships](#) - professional development program that gives a diverse range of educators an opportunity to collaborate with one another on real-world conservation projects and learn EPI's methods for teaching field science. Spend 8 days connecting with other educators, developing field science skills and exploring amazing locations.

[The Anatomy, Life Cycle, and Habitat of Mosquitoes](#) - Prevent & Protect's lesson plans bring the fun in the classroom indoors! Share with your elementary, middle, or high school students about a mosquito's anatomy and life cycle, as well as crucial ways to avoid the spread of mosquito-borne illnesses.

[Teaching and Learning with Story Maps](#) - simple web apps that combine interactive maps, multimedia content, and user experiences to tell stories about the world and can be used effectively for environmental issues.

[Tree-Plenish](#) works with high school students in schools throughout the country to plant trees. The trees planted offset the paper used throughout the year in the school. Visit their website to find out how you can work with this organization to plan a tree planting event at your school and tree-plenish your paper usage!

[Sea Turtle Resources](#) - Sea turtles are a key part of marine ecosystems worldwide and they face many threats today. Celebrate Sea Turtle Week with NOAA and learn turtle facts, research features, turtle conservation programs, and more.

[Cool Science Instruments](#) - glimpse some of the technology that chemists at NOAA's Northeast Fisheries Science Center have used to investigate marine environments since the 1960s when they measured dissolved oxygen and alkalinity of seawater samples to more recent chemistry-focused research today.

[Our Beautiful Planet](#) is a series of compelling 5-7 minute science films highlighting the cutting-edge research that climate scientists are doing to solve some of the world's most pressing issues.

[Using Origami to teach about Endangered Animals](#) - Ideas for creating curriculum using origami (folder paper art).

[EcoRise's Introduction to Environmental Justice lessons](#) - foundation for students' understanding of environmental justice (EJ) history and concepts for elementary, middle, and high school students.

[Greening STEM Activities, Lessons and Curricula](#)- Grade 1 through high school.

[EarthX Virtual Field Trip](#)-Focusing on solutions to environmental issues presented in the EarthX free K-12 STEAM curriculum, these short 5-10-minute videos cover a wide range of topics and come complete with an overview correlated to Next Generation Science Standards as well as the TEKS. Suitable as a stand alone resource as well.

[Outdoor Education Collective](#)-Lessons, videos, curriculum.

[Energy Curriculum](#)-Free online education curriculum on energy.

[Circular Economy Activity](#)-Inspire students to reduce waste by applying a remake, reuse, and recycle model in creating an entirely new product from recycled materials.

[Build Your Own Electric Vehicle](#)-By building their own working model of an electric vehicle, students will learn about the electrification of transportation.

[Additional resources](#)

Contests, Fellowships and Awards

[Kids Gardening's Summer Photo Contest](#)- The contest has multiple categories with winners in each. Deadline: **August 8.**

[NASA Earth Science in Action Comic Strip Contest](#)- Artists ages 14 and older from around the world are invited to capture stories of Earth science in action. Select one of three stories about how NASA Earth science satellite data helps communities address environmental challenges. Use your creativity to create a hand-drawn or digital art comic strip to illustrate the story. Deadline: **August 13, 2022.**

[Youth Innovation Challenge 2022](#)- for people aged 15–30 from anywhere in the world, who have fresh ideas for tackling the issue of marine debris. The Global Environmental Education Partnership (GEEP) and Taiwan Ocean Conservation Administration are seeking innovative, feasible solutions that are informed by research and are awarding prizes of \$1,000 USD to three winners. Applications Due: **September 1, 2022**

["Sustainability in Action" Photography Contest for all ages.](#)-Sustainable practices promote the planet's capacity to support life throughout the biosphere, which involves interactions with other Earth systems such as the geosphere, the hydrosphere, and the atmosphere. With your camera, capture an image of the ways geoscience informs local efforts to build a sustainable world. Deadline: **Oct. 14.**

["Striving for Sustainability Globally" Video Contest for all ages-](#) The American Geosciences Institute invites individuals and teams to submit a brief, original video exploring the many ways people are using the Earth. Deadline: **October 14.**

["Our Sustainable World" Visual Arts Contest for Grades K-5](#)- What does a sustainable world look like to you? What is necessary to have or change? What is not necessary? What is necessary to change? Use your artistic ability to produce an original work of art that shows how land, water, air, and living things interact in a sustainable world. Deadline: **October 14.**

["Geoscience for Sustainable Development Goals" Essay Contest for Grades 6-9-](#) We have all been called upon to help meet 17 [Sustainable Development Goals \(SDGs\)](#) articulated by nations around the world. Geoscience — which addresses interactions of the geosphere, hydrosphere, atmosphere, and biosphere — can play a critical role. How can the Earth sciences help achieve SDGs in areas such as poverty, nutrition, education, equality, ecosystems, climate change, and/or industrial innovation? [Learn more about the contest.](#) Deadline: **October 14.**

Grant and Scholarship Opportunities

[Urban Agriculture and Innovative Production Competitive Grants Program](#)-Nonprofits, local and Tribal governments, and K-12 schools are eligible to apply for planning or implementation projects in areas where access to fresh food is limited. Applications are due by **August 2, 2022**.

[Brownfields Job Training Grant Funding](#)- EPA anticipates awarding approximately 25 grants nationwide at amounts up to \$500,000 per award. Deadline: **August 2, 2022**

[Northeast SARE Research and Education Grant Program](#)-This program funds Northeast projects that result in gains in farmer knowledge, awareness, skills, and attitudes that are then applied to make measurable on-farm changes leading to greater sustainability. Pre-proposals are due by **August 2, 2022**.

[National Endowment of the Arts Placemaking Grants](#)-the program supports activities that integrate arts, culture, and design into local efforts that strengthen communities. Our Town projects advance local economic, physical, or social outcomes in communities, ultimately laying the groundwork for systems change and centering equity. Deadline: **August 4**.

[Groundswell Grants](#)- stabilization funds awarded to Black-owned and Black-led nonprofits and small businesses working in East Buffalo. From payroll and operating expenses to essential supplies and facilities improvements, these investments help each organization thrive, both in the wake of trauma and well into the future, strengthening their ability to continue serving our shared community. Priority will be given to Black entrepreneurs and Black-led businesses in the following industries: Food Access, Housing, Transportation and Cultural and/or Historic Assets. Deadline: **August 9th**.

[ITEST grants](#)-National Science Foundation. The goal of this applied research and development program is to advance the equitable and inclusive integration of technology in the learning and teaching of STEM from pre-kindergarten through high school. The program's objective is to support all students' acquisition of the foundational preparation in STEM disciplines. Watch last month's [webinar recording](#) and read a [blog post](#) with tips for proposers. Applications are due **August 12, 2022**.

[School of Service Lead Agency Grants](#) - YSA's 22-23 School of Service Lead Agency program, supported by the Mott Foundation, supports K-12 schools in the United States with grants up to \$3,000 to activate student volunteers through school-wide activities on/around National Days of Service. Deadline: **August 12**.

[YSA Afterschool Grants](#) - will award another 15 \$500 Afterschool Grants to support youth service & service-learning in afterschool programs during the 22-23 year. Any US-based program that engages 50+ middle & HS students can apply. Deadline: **August 12**.

[National Society of High School Scholars Grants](#)- Diversity, Equity, and Inclusion in Teaching Grants, STEAM Educator Grants, My Virtual Learning Success Story, School Club Cash, International Baccalaureate (IB) Educator Grants and Advanced Placement (AP) Educator Grants. Deadline: **August 15**.

[Restoring Fish Passage through Barrier Removal Notice of Funding Opportunity](#). This funding will support transformational projects that reopen migratory pathways and restore access to healthy habitat for fish around the country, including locally led removal of dams and other in-stream barriers. Projects selected through this opportunity will support sustainable fisheries and contribute to the recovery of threatened and endangered species. NOAA will accept proposals with a federal funding request of between \$1 million and \$15 million total from non-federal partners (including educational institutions, non-profits, for profit organizations, and state, local, and tribal governments) through **August 15, 2022**.

[AFRI Soil Health Area Program Priority](#)-The Agriculture and Food Research Initiative – Foundational and Applied Science Program includes a Soil Health component that supports soil health research projects. Applications are due by **September 1, 2022**.

[Composting and Food Waste Reduction Pilot Project](#)- This USDA Office of Urban Agriculture and Innovative Production program provides financial assistance to municipalities, school districts, counties, local governments, or Tribal governments to develop and test strategies for planning and implementing municipal compost and food waste reduction plans. Applications are due by **September 1, 2022**.

[Community Air Monitoring Capacity Building Grants](#) to support New York's historic statewide air quality and greenhouse gas mobile monitoring initiative that is deploying in 10 disadvantaged communities across the state. This funding is now available to support capacity building for eligible community-based organizations located in or serving the 10 communities identified as having a disproportionate air pollution burden including Buffalo/Niagara Falls. Deadline: **September 14, 2022, at 3 p.m.**

[NOAA Great Lakes Bay Watershed Education and Training \(B-WET\) program](#)- Great Lakes B-WET is a competitive grant program that supports existing, high quality environmental education programs, fosters the growth of new, innovative programs, and encourages capacity building and partnership development for environmental and place-based education programs throughout the entire Great Lakes watershed (Illinois, Indiana, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin). Deadline: **Sept. 20**.

[On-farm trials-Conservation Innovation Grants](#) are designed to support collaboration between NRCS and partners to implement on-the-ground conservation activities and evaluate their impacts. Participating farmers and ranchers receive payments to offset the risk and investments for testing out new conservation approaches. Deadline to apply for trials is **September 22**.

[2022 Community Reuse Grant](#)-\$5,000 to recognize community-based partnerships, businesses, groups, or non-profit organizations whose work has or will lead to lasting benefits that enhance community quality of life and ensure stewardship of the environment by saving money, energy, and natural resources. The grant can be awarded for \$5,000 to one winner, up to a total of five (5) grants of \$1,000 each, at the discretion of the judges. Applicants can be community-based groups, businesses, partnerships, or non-profit organizations. Deadline: **October 1**.

[AAEF Classroom Grant Program](#)-Classroom grants of up to \$500 are available from the Association of American Educations Foundation. Funds can be used for a variety of projects and materials. Deadline: **Oct. 1**.

[Lorrie Otto Seeds for Education Program \(SFE\)](#) provides grants ranging from \$100 to \$500 for native plant gardens and landscaping projects throughout the United States. The funds are designated for acquiring native plants and seeds for outdoor learning areas that engage youth (preschool to high school) directly in planning, planting and caring for native plant gardens. Deadline: **October 15**.

[T-Mobile Hometown Grant Program](#) - Building community, together. We're focusing on revitalizing community spaces in towns with 50,000 people or less. Submit a proposal for a town project of your choice, and if selected, use the funds to get started. Deadline: **Quarterly**

[Power of Youth Summer of Service Grants](#) - The Challenge will provide 201 grants to young people seeking to serve their communities. Young people ages 13-19 across the country are encouraged to apply now for the \$300 grants. Projects can address any issue/need that youth are passionate about. Deadline: **Rolling**

[Climate Emergency Fund Grants](#) - The Climate Emergency Funds awards grants up to \$75,000 across four major campaigns: Confronting Media Climate Silence, Climate Emergency Campaigning, Building Movement Infrastructure, and Back To The Streets. Deadline: **Rolling**

[The Karma for Cara Foundation](#) is encouraging kids 18 and under to apply for funds between \$250 and \$1,000 to complete service projects in their communities. Deadline: **Rolling**.

[Global Youth Mobilization Grant](#)-Do you have an idea for a solution to overcome a community challenge created by the COVID-19 pandemic? Any young person between the ages of 14 – 30 can apply for funding from \$500 – \$5,000. All you need to do is complete a short application form setting out your idea, what you want to achieve with the funding and upload a short video explaining why you should be awarded the funding. Deadline: **Rolling**.

[The Pollination Project Grants](#) support organizations/groups that do not have any paid staff with initial grants of up to \$1,000. Successful grantees become eligible for larger impact grants of up to \$5,000 and other support. One grant is awarded every day. Deadline: **Rolling**

[The Connect-Kids-to-Parks Field Trip Grant Program](#) (Connect Kids) is designed to connect students in New York State with nature and history. Each grant provides reimbursement of up to \$40 per student (and \$80 for Special Education students) for field trips to state and federal parks, forests, historic sites, fish hatcheries and other outdoor recreation areas. Deadline: **Rolling**.

[The Kars4Kids Small Grant Program](#) is dedicated to supporting education, mentoring, and youth development programs around the country that help children develop into productive members of their community. Grants typically range from \$500-\$2,000. Deadline: **Rolling**.

[H2O for Life Mini-Grants](#) provide \$250-\$500 mini-grants for schools to organize projects that educate youth about the global water crisis and help them take action to provide water, sanitation and hygiene education (WASH) for global partner schools. Deadline: **Rolling**

[NIEHS Conference Grants](#)-The mission of the National Institute of Environmental Health Sciences (NIEHS) is to discover how the environment affects people in order to promote healthier lives. Conference grant applications have a direct relationship to advancing the mission of NIEHS. In order to be responsive, all conference grant proposals must focus on or clearly indicate relevance to advancing our understanding of the role of environment and/or gene-environment interactions in disease/dysfunction. Deadline: **Rolling**.

[Avantor Foundation Science and Technology Education Grants](#) funds community-based organizations that teach science and technology to underserved high school students. Eligible applicants are invited to submit a Letter of Intent via email. Deadline: **Rolling**.

[Wells Fargo Clean Technology and Innovation Grant Program](#) funds projects and programs related to research and development for new and emerging clean technologies by working with universities, colleges, research institutes and laboratories as well as entrepreneur incubator, accelerator and business plan competitions. If you would like to submit a topic for consideration provide a brief description (150 words or less).

[Toyota 4Good Grants](#)- Projects that are needed and will help contribute to the long- term sustainability of the community. Deadline: **Rolling**.

[Youth Pollinator Gardens Grant](#)- up to \$200, are available for projects that include educational materials on the vital role pollinators play in nature and youth involvement in planning and planting gardens providing nesting and food sources for pollinators. To apply for a grant, complete an NGC Grant Application, provide detailed information about the project, and submit your request to the NGC Youth Committee Chairman for approval.

[Food Waste Grants](#) - will provide reimbursement to businesses that generate over one ton of food waste per week to offset cost of select technologies and equipment that promise to reduce or divert that food waste from landfill or incineration. Eligible projects must reduce and/or divert wasted food at a New York State business including, but not limited to, supermarkets, restaurants, and hospitals. Monies will help food scrap generators implement food waste reduction recommendations, purchase capital equipment used in food donation, and create, improve, and expand diversion efforts to on and off-site compost and anaerobic digestion facilities. Deadline: **Rolling**.

[Cornell Douglas Foundation](#)- Its mission is to provide small grants to organizations which promote the vision of the foundation: advocating for environmental health and justice, encouraging stewardship of the environment, and furthering respect for sustainability of resources. Deadline: **Rolling**.

[Saving Species](#)- We help local conservation groups purchase land for conservation and habitat restoration, and may consider projects for restoration of habitat on land that is within an existing protected area. Deadline: **Rolling**.

[VolunTEEN Nation International Service Project Grants](#)- Students (ages 13-22) from the US going abroad to volunteer or study in a developing country are encouraged to apply for an international service-learning mini-grant. Grants are for up to \$300 to create a service project in a developing country while you are visiting that country. Deadline: **Rolling**.

[KEEN Effect](#) is committed to inspiring responsible outdoor participation to help preserve the places we all play. Through the KEEN Effect, \$10,000 grants are awarded to nonprofit organizations around the world who are dedicated to responsible outdoor participation. Projects must increase responsible outdoor participation as a way to work towards building a strong community. Deadline: **Ongoing**.

[Everyday Young Hero Award](#)- young people, ages 5-25, who are improving their communities through service to others and making significant progress in achieving the UN's Sustainable Development Goals (SDGs). Each week, YSA selects one young person to receive this honor and receive \$250 grants to continue and expand their project. Deadline: **Rolling**

[The Fruit Tree Planting Foundation](#) is dedicated to planting fruitful trees and plants to alleviate world hunger, combat global warming, strengthen communities, and improve the surrounding air, soil, and water. FTPF programs strategically donate orchards where the harvest will best serve communities for generations. Deadline: **Rolling**.

[Cedar Tree Foundation](#)- Letters of Inquiry Accepted at Any Time. Areas: Environmental Education, Environmental Health, Sustainable Agriculture.

[Doris Duke Environment Program Grants](#)-For Nonprofits registered and working in the US. Permanent land protection (i.e., the acquisition of conservation easements or fee title interests to secure high-priority sites), management of lands already in protected status, and more. Deadline: **Rolling**.

[WalMart Community and Education Grants](#) . Rolling Deadline, but minimum 6 month lead time advised. 501 (c) (3) organizations, schools, religious organizations and government agencies for requests over \$250. For requests under \$250, get a local donation form from your nearest Walmart at the customer service desk.

[Environmental Research and Education Foundation](#). Open. All educational materials for sustainable solid waste management, including conferences or events, which advance the foundation's educational mission. Grants are typically not provided to support the development of educational projects.

[Toshiba America Foundation](#). Rolling deadline. Grades 6-12 Teachers. Under \$5,000. Inquiry based projects designed by teachers and teacher teams for use in the classroom. **Deadline for grants over \$5,000 is August 1.**

[KaBOOM! Let's Play Engineered Wood Fiber Surfacing Grants and Let's Play Maintenance Grants](#)- awards grants of \$750 each to communities who wish to top-off their Engineered Wood Fiber safety surfacing or who are working to make their existing playgrounds cleaner, safer and more inviting. **Rolling deadlines.**

[J-Serve Start-Up Grants](#)-J-Serve is the International Day of Jewish Youth Service. Grants are available for \$500 micro grant to communities that plan and execute projects that bring a minimum of 10 and maximum of 74 Jewish teens together in partnership with a least two movements or agencies in the community. **Rolling deadline.**

[Staying Bothered Foundation](#)-grants to nonprofits that have shown transformative leadership in the areas of education, mental wellness, and gender equity. Application deadline: **Rolling**.

[The Coca-Cola Foundation](#) partners with nonprofits that address priorities focusing on one of the following: Water Stewardship, Healthy and Active Lifestyles, Community Recycling and Education. **Rolling deadlines.**

[Kresge Foundation's Healthy Environments grant program](#) seeks to improve the health and well-being of vulnerable populations by making the places they live, learn, work and play safe and conducive to overall good health. Application deadline: **Rolling**.

[Cisco Global Impact Cash Grants](#) support nonprofit organizations in the U.S. and worldwide that provide assistance to underserved populations and leverage technology solutions to improve the reach, efficiency, and impact of services. Deadline: **Rolling**.

[Shell Foundation Grant](#)—Programs that restore critical ecosystems, address water, air quality research, preserve wetlands and sponsor wetlands initiatives. Deadline: **Rolling**.

[Technical Assistance Grant Information](#)-The New York State Department of Environmental Conservation (DEC) is continuously accepting applications for Technical Assistance Grants (TAGs). TAGs are a citizen participation tool available to eligible community groups to increase public awareness and understanding of remedial activities taking place in their community. Eligible community groups may apply to receive grants for up to \$50,000 per site.

[Home Depot Community Impact Grants](#)-Grants, up to \$5,000, are available to non-profit organizations and tax-exempt public service agencies in the U.S. that are using the power of volunteers to improve the physical health of their community. Grants are given in the form of The Home Depot gift cards for the purchase of tools, materials, or services.

[Fluor Foundation Grants](#)—Nonprofits and academic institutions. Projects promoting responsible stewardship of the environment and supports organizations that protect natural resources and habits through conservation, restoration and beautification, and environmental education. Deadline: **Rolling**.

Employment and Internship Opportunities

[Executive Director, WNY Land Conservancy](#)- Interviews begin in August.

[GIS Intern: Erie County Department of Environment and Planning](#) – Applications due **August 17, 2022**.

[Malthouse and Orchard Fieldwork Position: Niagara Malt](#)- Part-time (20-30hrs/week) with flexible hours for orchard work.

[Aquarist I](#)-Aquarium of Niagara. Deadline: **August 15**.

[Aquarist II](#)-Aquarium of Niagara. Deadline: **August 15**.

[Communications Coordinator](#)-Preservation Buffalo Niagara (PBN) seeks a full-time Communications Coordinator to join our small, hardworking team. This integral staff position will oversee organizational communications, including writing, social media management, basic graphic design, and website management. Deadline: **August 29**.

[The Riverline Program Support Specialist: Americorps VISTA](#)- Americorps position with the WNY Land Conservancy.

[Biological Assistants: USDA Cherry Fruit Fly and Box Tree Moth Assessments](#)- Multiple positions. Seasonal employment in Lockport and Penfield. May to October.

[Sustainability Manager: Curbell](#)- **Open until filled**.

[Shelter and Animal Care Giver Assistant: ASHA Sanctuary](#)-\$20/hr. **Open until filled**.

[Fulltime Animal Keeper I](#)-Buffalo Zoo. Multiple positions. Deadline: **Until Filled**.

[Assistant Curator: Buffalo Zoo](#)- Deadline: **Until Filled**.

[Apprentice Keeper: Buffalo Zoo](#)- Deadline: **Until Filled**.

[Animal Care: Erie County SPCA](#)- Part-time and full time.

[Adoptions Counselor](#)- Erie County SPCA

[Chief Communications Officer Assistant/Social Media Coordinator](#)-Erie County SPCA.

[Regional Climate Justice Organizer](#)-PUSH Buffalo. Open until filled.

[Experienced Landscape Architect \(5-10 years\)](#)-Multiple locations including Buffalo.

[Taste NY- Store Clerks](#)-Cornell Cooperative Extension of Erie County has multiple openings for part-time Store Clerks for the Taste NY store at the WNY Welcome Center located on [Grand Island](#) and the TASTE NY Kiosk at the Exchange Street Train Station in [downtown Buffalo](#).

[Compost Operations Manager](#)- Full-time. EcoVerde Organics seeks candidates to fill FT role of Compost Operations Manager. Key responsibilities: 1) Plan, manage, and supervise the compost operation, including waste/feedstock collection, hauling and depackaging; 2) Operate heavy equipment and vehicles; 3) Supervise crew, ensuring safety; 4) Record keeping and scheduling; 5) Perform other duties as assigned. Open until filled.

[Aquarium of Niagara Internships](#)-Opportunities for high school or college students to work with marine mammals, fish, penguins and turtles. Certain requirements must be met.

[Paid Internships in the Energy Sector in NY](#)- By participating in New York State's Clean Energy Internship Program, you will gain hands-on experience in the growing clean energy sector as either a part-time or full-time paid intern in one of many potential roles. Through the program, you'll get the opportunity to work at companies that are helping combat climate change including energy efficient product manufacturers and installers, wind and solar developers, and even businesses that work in the alternative transportation sector such as electric vehicle and charging station companies.

[Clean Air Coalition Internships](#)-The Clean Air Coalition is a grassroots environmental health and justice organization based in Buffalo, New York. All internships include some operations and administrative work.

[Service Collaborative of Western New York Vista Positions/Americorps](#)-Opportunities for paid community involvement. Check out the available opportunities and eligibility.

[Buffalo & Erie County Botanical Gardens Internships](#)-Seeking individuals to work with Education Dept., Special Events, and Horticulture.

[EquiStar Intern](#) will assist both the Program Coordinator and Barn Manager in providing a therapeutic riding program during the summer sessions. She/he will have the opportunity to assist with planning and delivering the therapeutic riding programming along with learning the day-to-day responsibilities of operating a stable and caring for horses.

[Asha Farm Sanctuary Interns](#)- Asha's Farm Sanctuary provides a hands-on learning experience for students enrolled in colleges, universities and trade schools.

Citizen Science

[Become a Water Reporter](#)- Download the App and record signs of water pollution, plastic debris or wildlife issues.

[Global Earth Challenge](#)-Collecting data from multiple citizen science projects. See how you can be involved.

[Hemlock and HWA Hunters](#)-volunteers locate hemlock stands and hemlock woolly adelgid in NY. To join our project please send us an email at cm933@cornell.edu or info@nyshemlockinitiative.info.

[EPA Citizen Science Database](#)-offers a searchable site for ways the public and EPA can partner to collect environmental information.

[Tree Pictures for NASA Data Verification](#)- NASA would like you to take a picture of a tree, please. The space agency's ICESat-2 satellite estimates the height of trees from space, and NASA has created a new tool for citizen scientists that can help check those measurements from the ground. All it takes is a smartphone, app, an optional tape measure, and tree.

[Citizen scientists: Help with BioBlitz on Buffalo's Outer Harbor](#)- Be a citizen scientist and help the Pollinator Conservation Association with its BioBlitz through Dec. 1 on the Outer Harbor in Buffalo. Help to discover and identify flora and fauna there to improve conservation planning for future projects.

[Salt Watch](#)- Take the pledge and collect data on your local waterways to monitor road salt effects.

[Report Turkey Sightings](#)- While you are exploring the forests and fields around your home or driving through the state's beautiful landscapes this summer, be sure to keep an eye out for wild turkeys. DEC uses reported observations of wild turkeys to track annual productivity (number of poults produced per adult hen) over time and in different parts of the state. It also helps forecast hunting prospects for the coming fall season and for subsequent spring seasons. Turkey populations in New York State hit their peak in the late 1990s and early 2000s and productivity was relatively high. However, over the past 10 years, turkey productivity has consistently been below average which leads to lower populations. This survey is an important monitoring tool that helps DEC effectively manage turkey populations. To see [results from previous summer surveys](#), please visit DEC's website.

[Other Citizen Science Programs](#)

[More](#)

Upcoming Community Activities:

Monday, August 1

Slow Roll Buffalo-Be ready to bike at 6:30pm. Location and info at <https://slowrollbuffalo.org/schedule/>. Buffalo Maritime Center 90 Arthur St, Buffalo, NY.

Sunrise Stroll-5:30 to 7am at Artpark State Park. Welcome in a new day (and a new month) with a breath of fresh air! Drink in the dawn on a walk in the park, led by a naturalist. For information and registration call (716) 282-5154.

Harbor Hikes and More-10am to 3:30pm at Buffalo Harbor State Park. Join a family friendly hike or make a craft to take home. Every Monday and Wednesday/ hikes at 10:00 a.m. and 2:00 p.m. and crafts start at noon. For information call (716) 282-5154 registration is not required.

Tuesday, August 2

Chronic Wasting Disease: Prions and Human Health-noon webinar with Speaker: Sandra Pritzkow (Assistant Professor at University of Texas) Health Science Center at Houston. Learn about this disease which affects deer. [Register.](#)

Toddler Tuesday - Beaver Meadow Audubon Center, 10:00 to 11:30 AM. Join us for Story Time and a casual walk on the trails at Beaver Meadow. This curiosity driven class will give your toddler a chance to learn through play, while enjoying the sights and sounds of nature. Parents/Guardians are required to stay throughout the program. Bring a snack and enjoy Story Time with us! Non-members (Toddlers) \$15/BAS Members \$10. Parents/Guardians FREE. [Register.](#)

"Ocean Surface Salinity Response to Atmospheric River Precipitation in the CA Current System"-2 to 3pm webinar. [Add to Google Calendar](#) or [register for the meeting](#).

Scinight: Wild Edibles For Beginners-7:00 PM - 8:30 PM. There is a buffet of edible plants at your feet! Learn the basics of common wild edible plants identification. Nibble on wild plants in the classroom, play a matching game, and practice identification during a guided trail walk. Rain or Shine. Age: 18+. Cost: \$15 per person, 10% off for BMS Members, Advanced [registration](#) required, space is limited!

Wednesday, August 3

Scinight: Sensors & Arduino-6:00 PM - 7:30 PM. Tinker with sensors and learn how to interpret the data you collect. Bring your laptop to this workshop introducing electronics and how coding for Arduino can sense the world around us. Each participant will receive their own Arduino and a sensor to continue to develop their skills at home. Price includes registration and hardware. Age: 18+, Cost: \$30.00. Buffalo Science Museum. [Tickets](#)

Behind-The-Scenes Tour: Geology Rocks!-6 to 8pm at Buffalo Science Museum. Holmes! What kind of rock is this? Sedimentary, my dear Watson. Learn why this and other CoRn Y jokes are funny by investigating the Museum's Geology Collection. What you see on display is just the tip of the iceberg. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. Age: 18+, Cost: \$30 [Tickets](#)

Harbor Hikes and More-10am to 3:30pm at Buffalo Harbor State Park. Join a family friendly hike or make a craft to take home. Every Monday and Wednesday/ hikes at 10:00 a.m. and 2:00 p.m. and crafts start at noon. For information call (716) 282-5154 registration is not required.

Growing Malting Barley for Craft Beverages-11am to 12:30pm webinar will review the barley production in Pennsylvania as well as what differentiates malting barley from barley grown for other uses. Participants will also learn the different grain quality characteristics that influence malting and brewing quality. Participants will learn about the types and varieties of malting barley and what soil is best for production. [Register.](#)

Quarter 3 Olmsted Community Alliance District Meetings- [RSVP here to attend in-person or via Zoom.](#) Zoom sessions will be recorded for future reference. The in-person meeting option will be assessed weekly based on CDC guidelines for Covid-19. Please refer to bfloparks.org/oca prior to the meeting for any updates. Zoom information will be emailed to you on the day of the meeting. Delaware District: 6:00 p.m. - 7:30 p.m. Place: Parkside Lodge, 84 Parkside Avenue, Buffalo, NY 14214.

Wild Wednesday at Beaver Meadow-9:30 to 11:30 AM. Join our staff as we embark on a wild journey to the Old Woods at Beaver Meadow to see some spectacular growth! We will stop at one of our ponds to explore what creatures are hidden beneath the surface! Non-members \$15/BAS Members \$10. Family of 4 \$30. [Register.](#)

GBNRTC Public Planning Meeting-9:30am. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#). Please note that the GBNRTC PCC meeting will be broadcast live for public viewing on GBNRTC's Facebook Page facebook.com/GBNRTC.

Seed to Supper Free Gardening Classes-6:30 PM - 8:00 PM. [REGISTER.](#) Class size limited to 25. Please register in advance by the Monday before the class. For accommodations contact jah663@cornell.edu 5 days prior to your event. Caring for Your Garden; Location: Grassroots Garden 389 Broadway, Buffalo, NY.

Fly Tying Class-4 to 6pm at Orvis, 4545 Transit Rd, Williamsville. Call 716-276-7200 to register.

Thursday, August 4

Wellness Walks-10am to noon. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. **Ages:** All Ages, **Cost:** FREE. *Please call 716.825.6397 to confirm walk will take place.*

Aquarium of Niagara Party on the Plaza-5 to 8pm, 701 Whirlpool St., Niagara Falls. Free family events.

Kayaking with Tina-6:30 to 8:30pm at Beaver Island State Park. Are you looking to learn more about your kayak and equipment, or learn different paddle strokes and maneuvers? Look no further, join ACA (American Canoe Association) certified kayak instructors for a paddle in the lagoon at Beaver Island State Park. Topics will include kayak/paddle anatomy and style, safety equipment all should carry, and strokes/maneuvers that will make kayaking a little easier. For information and registration call (716) 282-5154.

Zelda and Friends at Beaver Meadow-1:00 to 2:30 PM. Join us for a meet and greet with our educational animals! We will meet snakes, turtles, and our Eastern Screech-owl Zelda! Non-members \$15/BAS Members \$10. Family of 4 \$30. [Register.](#)

New Federal Funding Opportunities for Affordable Housing Retrofits-2:00 p.m.-3:00 p.m. ET. This ACEEE webinar will explore how state and local governments can leverage a historic influx of federal funding to increase investments in retrofits for low and moderate-income housing. Two jurisdictions that are already taking these steps will share early insights. [Go online for more information and to register for the webinar.](#)

Friday, August 5

Goat Island Evening Walk-7:30 to 9:30pm Explore and experience the beauty of Niagara Falls at night on a guided tour with a Park Naturalist. For information and registration call (716)282-5154.

What's Bugging You-12 to 12:30pm. Online with Cornell Cooperative Extension. Do's and Don'ts for ladybugs in the garden, IPM Minute: Risks associated with pest control home remedies, [Register.](#)

Reduce, Reuse, Recycle- 1 to 2pm at Fort Niagara State Park. Join us in the nature center for a demonstration on decomposition and learn tips and tricks for up-cycling and recycling! For information and registration call (716) 282-5154.

Saturday, August 6

BAA Public Observatory Night- 8 to 11pm. Join members of the Buffalo Astronomical Association for a live and in-person event as they take you on a telescopic tour of our solar system, our Milky Way galaxy and the universe! BAA will have the observatory at Beaver Meadow open rain or shine. In the event of a snowstorm or other weather event that forces cancellation, visit BAA facebook page for updates. www.buffaloastronomy.com

Home & Garden Tours at Darwin Martin House- 10:30 a.m. at [Frank Lloyd Wright's Martin House](#), 143 Jewett Pkwy, Buffalo. This 90-minute tour introduces visitors to the unique relationship between the landscape and home that Frank Lloyd Wright designed for the Martin Family. [Advance ticket purchase](#) is required.

Stories In the Woods-10am. Enjoy hearing a nature story, followed by a guided walk in the woods. For children ages 3-7. Reinstein Woods Nature Preserve. Registration required unless otherwise noted; call (716) 683-5959.

Woods Walk: Nature Guide's Choice-1pm at Reinstein Woods Nature Preserve. Join a guided nature walk through the woods. No registration required.

Enchanted Wild Fest-11 am to 4pm. Hawk Creek Wildlife Center, 1963 Mill Rd., West Falls, NY 14170. Immerse yourself in your favorite movies and stories at Hawk Creek's NEW event, Enchanted Wild Fest! You never know who or what you'll meet around the next corner, will it be a wild cat, a princess, an eagle, or even a superhero!? Journey through the Center to meet your favorite animals and your favorite characters! Animal encounters, activities for kids, games and characters await you! Refreshments, vendors, gift shop, flying bird show, wild cat chat and activities for all ages. Event parking is FREE and tickets are \$15 for adults, \$13 for veterans and seniors, \$9 for children, and \$35 for a family pass of up to 2 adults and 3 children (5-12 yrs). Children 4 and under are FREE. Tickets can be purchased at the gate or online. Please visit www.hawkcreek.org for info and directions. Event is rain or shine.

Nature at a Snail's Pace-9 to 11am at Beaver Island Nature Center. Join a Forest Therapy Guide and awaken your senses, be in the present, slow down and reconnect with nature. The walk will conclude with tea under the trees. (tea not provided). For information and registration call (716) 282-5154.

Volunteers for Stiltgrass Removal- 9am to noon at [Cazenovia Creek WMA](#). WNY PRISM needs volunteers to remove Japanese stiltgrass, a high priority, early detection invasive species, from areas in West Seneca. [Japanese stiltgrass \(*Microstegium vimineum*\)](#) was recently found in parts of Western New York. The plant is simple to ID and easy to pull. Registration is required. [Register here](#). Light refreshments will be provided, as will water, bug spray and gloves. We ask that volunteers wear long pants, shoes plus socks, and bring a reusable water bottle. You may also want to bring your own gloves (gardening gloves work great!), a hat and/or sunscreen.

Old Woods Hike at Beaver Meadow- 9:00 AM to 11:00 AM. Join Buffalo Audubon Director of Outdoor Education Joe Dean for a hike in the Old Woods! Non-members \$15/BAS Members \$10. [Register](#).

Preservation Day at Buffalo Niagara Heritage Village- 10:00 a.m.- 4:00 p.m., Buffalo Niagara Heritage Village (BNHV) will host the second annual Preservation Day! This free event is presented in partnership with Preservation Buffalo Niagara and the Town of Amherst Historic Preservation Commission, and is sponsored by a Certified Local Government grant from the New York State Office of Parks, Recreation, and Historic Preservation. [Click here for Preservation Day! details and registration info](#)

Niagara River Gorge Plant Hike- Andy Lance, the restoration ecologist who is leading the current restoration project in the gorge, will be our guide, as we explore a more northerly section of the gorge. Call Joanne Schlegel for meeting time and place, 716-835-6042.

Pop-Up Birding Field Trip at Cinnamon Marsh, Tonawanda WMA-Leader – 6:30pm. Joel Strong, joelstrong78@yahoo.com, (727) 519-4043. This is a 'pop-up' style trip with a rain date of Friday, August 12. Meet at 6:30pm at the Meadville Road gate for Cinnamon Marsh on the Tonawanda Wildlife Management Area (TWMA). The evening time for this field trip is to take advantage of better lighting conditions. All parking will be roadside as there is no lot. The water level at Cinnamon Marsh has been drawn down this year and has started attracting southbound migrant shorebirds. Keep in mind that you will want to bring your scope if you have one and bug spray...long, light-weight pants are also a good idea!

Fly Fishing 101 Class-9 to 11am at Orvis, 4545 Transit Rd, Williamsville. Call 716-276-7200 to register.

Sunday, August 7

Boating and Safety Outreach-11am to 4pm at Buffalo Harbor State Park. New York State offers an abundance of scenic waterways for boaters (motorboats, personal watercraft, kayaks, canoes and stand up paddleboards) including hundreds of streams, lakes and rivers to enjoy. Embark on an adventure exploring new waters, all while experiencing first-hand New York's incredible natural beauty. Do it safely! Stop by for information and swag. For information call (716) 282-5154 registration is not required.

Monday, August 8

Harbor Hikes and More-10am to 3:30pm at Buffalo Harbor State Park. Join a family friendly hike or make a craft to take home. Every Monday and Wednesday/ hikes at 10:00 a.m. and 2:00 p.m. and crafts start at noon. For information call (716) 282-5154 registration is not required.

Slow Roll Buffalo-Be ready to bike at 6:30pm. Location and info at <https://slowrollbuffalo.org/schedule/>

Tuesday, August 9

Chronic Wasting Disease Webinar Series-Noon. Register for the webinars [online](#). Topic: Chronic Wasting Disease and Agriculture, Speaker: Darrel Rowledge (Director at Alliance for Public Wildlife).

Geothermal Systems: How they work and can save money - 6pm at Daemen University, Wick Campus Center. Homeowner, builders, architects, facility managers and real estate developers will learn how this technology works and how it can efficiently heat and cool your home or business while eliminating the need for natural gas, propane, or heating oil! Refreshments provided. [Register](#).

Agrivoltaics and Solar Utility Considerations- Noon to 1:15pm webinar. Margaret Skinner from the University of Vermont and Jesse Robertson-Dubois from Bluewave will share their agrivoltaics (dual-use solar and agriculture) experiences including business and legal considerations landowners should think about and address from design to final operation. We will be focusing on a range of agrivoltaics practices beyond the increasingly common practice of grazing with sheep. There will be time for questions and answers at the end of the event. [Register](#).

Wednesday, August 10

Harbor Hikes and More-10am to 3:30pm at Buffalo Harbor State Park. Join a family friendly hike or make a craft to take home. Every Monday and Wednesday/ hikes at 10:00 a.m. and 2:00 p.m. and crafts start at noon. For information call (716) 282-5154 registration is not required.

Tails on Trails-5 to 6:30pm at Knox Farm State Park. Unwind after work by enjoying a leisurely walk with your dog and a park naturalist! It is not necessary to have a dog to participate, however, all dogs in attendance must be up-to-date on immunizations, leashed, and under control. For information and registration call (716) 282-5154.

Hamburg Garden Club-10am at 5047 Smith Rd., Hamburg. Lyn Chimera, Master Gardener, will present "Putting Our Gardens To Bed." Chimera's emphasis will be on the importance of saving and recycling leaves. Guests are welcome. If you are interested in attending our meeting as a guest, please make your reservation at lonabutler4@gmail.com

Quarter 3 Olmsted Community Alliance District Meetings- [RSVP here to attend in-person or via Zoom](#). Zoom sessions will be recorded for future reference. The in-person meeting option will be assessed weekly based on CDC guidelines for Covid-19. Please refer to bfloparks.org/oca prior to the meeting for any updates. Zoom information will be emailed to you on the day of the meeting. Riverside District: 6:00 p.m. - 7:30 p.m. DePaul Riverside, Auditorium, 238 Ontario Street Buffalo, New York 14207.

Effective Conservation-Noon webinar. Join us for a virtual discussion with conservationist and author Ignacio Jiménez about his book [Effective Conservation: Parks, Rewilding, and Local Development](#). This event will be hosted and moderated by Wildlands Network Conservation Programs Director Juan Carlos Bravo and will be held in English. [Register](#).

Thursday, August 11

Wellness Walks-10am to noon. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. **Ages:** All Ages, **Cost:** FREE. *Please call 716.825.6397 to confirm walk will take place.*

Ribbit, Slither, Croak! -10am. Discover snakes, turtles, frogs, and salamanders as we explore the ponds and forests at Reinstein Woods. Reinstein Woods Nature Preserve. Registration required unless otherwise noted; call (716) 683-5959.

A Naturalist's View: The Night Sky-8:30pm to 10:30pm at Knox Farm State Park. Bring your curiosity and sense of wonder as we go on a naturalist's saunter to enjoy the night sky. The moon, constellations and hopefully glimpses of the Perseid meteor shower will be enjoyed. For information and registration call (716) 549-1050.

Green Drinks- 5:30pm at Steel Leaf Brewing Company (Eastern Hills mall) 4545 Transit Rd, Buffalo, NY 14221. Info at <http://www.greendrinks.org/NY/Buffalo>. Come network and meet friends.

Friday, August 12

Goat Island Evening Walk-7:30 to 9:30pm Explore and experience the beauty of Niagara Falls at night on a guided tour with a Park Naturalist. For information and registration call (716)282-5154.

Saturday, August 13

Home & Garden Tours at Darwin Martin House- 10:30 a.m. at [Frank Lloyd Wright's Martin House](#), 143 Jewett Pkwy, Buffalo. This 90-minute tour introduces visitors to the unique relationship between the landscape and home that Frank Lloyd Wright designed for the Martin Family. [Advance ticket purchase](#) is required.

Fossil Hunting for Beginners-10am to noon at Penn Dixie. New to fossil hunting? Learn the tricks of the trade from Director of Education & Paleontologist, Dr. Holly Schreiber and/or Director of Science, Catherine Konieczny, M.S. Tour the site and learn all the best spots to hunt for fossils. During this two hour tour we'll teach you how to find, dig, and preserve all the fossil treasures you find. Bring your own tools or borrow from our limited supply. No experience necessary. All ages welcome — this program will run rain or shine, dress for the weather. Included with admission or FREE for Penn Dixie members. Select "Fossil Hunting for Beginners" tour-time option when registering online, for no additional charge. [Register online here.](#)

WNY PRISM Summer Saturdays Walk and Talk Series-10am to noon at Town of Boston Park. Join WNY PRISM for our Summer Saturdays Walk and Talk series. While we hike, PRISM staff will discuss how to identify the invasive species present at each location, management techniques, and answer any questions attendees may have. [Register here.](#)

Ticket to Roll: Donut Roll-10am to 3pm. Whether you prefer glazed, cream or jelly, join us August 13th as we celebrate the yummiest of sugary snacks on the Donut Roll! Your ticket includes a SQUAD-led 19-mile ride with stops for donut treats, ending at Flying Bison Brewing for post-ride sustenance crafted by chef Lucille Altieri, an exclusive cask-tapping of Flying Bison's Father Jud Brown Ale, a commemorative t-shirt and more! [Tickets.](#)

Fern Foray-10am. Become familiar with the fabulous ferns that fill our forest floor with feathery fronds. Reinstein Woods Nature Preserve. Registration required unless otherwise noted; call (716) 683-5959.

Buffalo Bonsai Society- meeting at 1 p.m. 3 at the Critchen Restaurant, 3377 Clinton St., West Seneca.

A Day at the Pond at Beaver Meadow-9:00 AM to 11:00 AM. Join Naturalist Breton for a day at the pond! We will be sampling one of our ponds at Beaver Meadow for pond life. Non-members \$15/BAS Members \$10. [Register for A Day at the Pond](#)

Walking Tour of Hoyt Lake-10am to 11:30am. Join Jim Mendola, volunteer historian on a walking tour around Hoyt Lake, presented by M&T Bank. The tour is approximately 90 minutes. Please bring water to stay hydrated. Suggested donation of \$5 per attendee. *Limited to 10 attendees per tour!* To register, please email Zhi@bfloparks.org or call/text 716-495-7880.

Sunday, August 14

Graycliff Landscape Tours- 10:30 a.m. every other Sunday. Graycliff is located at 6472 Old Lake Shore Rd., Derby. The landscape tour is a 90-minute experience that focuses on the history and restoration of Graycliff's historic gardens and grounds. It includes the first floor of the main house, designed by famed architect Frank Lloyd Wright. Wright created the initial design of the landscape, and you'll hear about the important additional designs of Ellen Biddle Shipman, a pioneering Arts and Crafts landscape designer whose classic garden designs are known throughout the country. The tour is led by a docent who has specialized knowledge related to the plant life on the property. Tickets are \$35 the public and \$20 for students. Graycliff members also save (login online for benefits, or call Graycliff staff at 716-947-9217). [Book your tour here.](#)

Boating and Safety Outreach-11 am to 4pm at Buffalo Harbor State Park. New York State offers an abundance of scenic waterways for boaters (motorboats, personal watercraft, kayaks, canoes and stand up paddleboards) including hundreds of streams, lakes and rivers to enjoy. Embark on an adventure exploring new waters, all while experiencing first-hand New York's incredible natural beauty. Do it safely! Stop by for information and swag. For information call (716) 282-5154 registration is not required.

Beginner Birding at Beaver Meadow- 9:00 AM to 11:00 AM. Join Outdoor Educator Lauren for a beginner birding hike at Beaver Meadow. We'll go over everything you need to know, from how to use your binoculars, which field guide to use, and what apps are the most helpful. Binoculars will be provided. Non-members \$15/BAS Members \$10. [Register for Beginner Birding](#)

Monday, August 15

Harbor Hikes and More-10am to 3:30pm at Buffalo Harbor State Park. Join a family friendly hike or make a craft to take home. Every Monday and Wednesday/ hikes at 10:00 a.m. and 2:00 p.m. and crafts start at noon. For information call (716) 282-5154 registration is not required.

Slow Roll Buffalo-Be ready to bike at 6:30pm. Location and info at <https://slowrollbuffalo.org/schedule/>

Tuesday, August 16

Fairy Houses at Amherst State Park -10:30am. Join a naturalist from Reinstein Woods Nature Preserve in creating a house to attract nature's fairies. Once you learn how, you can make one anywhere. For children ages 5–10 and their caregivers. Note: This program takes place at Amherst State Park. Registration required; call Reinstein Woods at 716-683-5959.

Wednesday, August 17

Conversations In Science: Biotechnologies Engineering-6:00 PM - 7:00 PM. What can emerging technologies do to create new solutions in sustainable agriculture? Join us for a conversation diving into the cutting edge developments of River Road Research, an early biotechnology development company headquartered in Tonawanda. Zoom conversations. Age: All ages. Cost: Free [Tickets](#)

Behind-The-Scenes Tour: Cabinet Of Curiosities-6:00 PM - 8:00 PM. Take a peek into the Vertebrate Zoology Collection's spine-tingling Cabinet of Curiosities to explore the mind bending stories of some of nature's unique freaks, morbid mistakes, and seemingly scientific impossibilities! Marvel at obscure oddities, glimpse the wildly unusual, and satisfy your macabre interests. Feeling enticed yet? We invite (dare) you to join us for a hair-raising tour to get an eyeful of all this, and more. You truly never know what you might encounter in the Cabinet! Age: 18+. Cost: \$30.00 [Tickets](#)

Family Fish Night- 6:00 PM - 7:30 PM. Children ages 5 to 15 years are invited to borrow our fishing gear and join in a guided fishing experience off our front fishing pier at Tift Nature Preserve. Age: 5 to 15 with an adult Cost: \$8 [Tickets](#)

Harbor Hikes and More-10am to 3:30pm at Buffalo Harbor State Park. Join a family friendly hike or make a craft to take home. Every Monday and Wednesday/ hikes at 10:00 a.m. and 2:00 p.m. and crafts start at noon. For information call (716) 282-5154 registration is not required.

Quarter 3 Olmsted Community Alliance District Meetings- [RSVP here to attend in-person or via Zoom.](#) Zoom sessions will be recorded for future reference. The in-person meeting option will be assessed weekly based on CDC guidelines for Covid-19. Please refer to bfloparks.org/oca prior to the meeting for any updates. Zoom information will be emailed to you on the day of the meeting. West District: 6:00 p.m. - 7:30 p.m. D'Youville Academic Center (1st floor) Fargo Ave and Connecticut St, parking available at Lot A. [Click here to view map.](#)

Thursday, August 18

Wellness Walks-10am to noon. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. **Ages:** All Ages, **Cost:** FREE. *Please call 716.825.6397 to confirm walk will take place.*

Night Walk for Adults-8:30pm. Search for owls, bats, beavers, and moths on this quiet evening stroll. For adults only. Reinstein Woods Nature Preserve. Registration required unless otherwise noted; call (716) 683-5959.

Decarbonizing Buildings: A Primer for the Systems Thinker-1:15 to 2:15 PM EDT. Register if you can't attend and get the video link. [Register](#)

Friday, August 19

Goat Island Evening Walk-7:30 to 9:30pm Explore and experience the beauty of Niagara Falls at night on a guided tour with a Park Naturalist. For information and registration call (716)282-5154.

“Implementing genetics into fisheries management: Case studies in Alaska fisheries”-1 to 2pm. Webinar. [Add to Google Calendar.](#)

Saturday, August 20

Community Work Day- 9 a.m. to noon at [North Tonawanda Botanical Garden](#), 1825 Sweeney St., North Tonawanda. Volunteers from the North Tonawanda Botanical Garden will lead community volunteers in various garden projects. Take gloves and water and dress for the weather. This activity qualifies for Community Service Hours. Tools and instruction will be provided. Contact ntbgo@hotmail.com for more information.

Home & Garden Tours at Darwin Martin House- 10:30 a.m. at [Frank Lloyd Wright's Martin House](#), 143 Jewett Pkwy, Buffalo. This 90-minute tour introduces visitors to the unique relationship between the landscape and home that Frank Lloyd Wright designed for the Martin Family. [Advance ticket purchase](#) is required.

Stroller Strut-10am. Bring your stroller or wagon and share a sensory exploration of nature with your young child. For children ages 3 and under. Reinstein Woods Nature Preserve. Registration required unless otherwise noted; call (716) 683-5959.

Woods Walk: Nature Guide's Choice-11am at Reinstein Woods Nature Preserve. Join a guided nature walk through the woods. No registration required.

Volunteers for Stiltgrass Removal- 9am to noon at [West Seneca Soccer Complex](#). WNY PRISM needs volunteers to remove Japanese stiltgrass, the plant is simple to ID and easy to pull. Registration is required. [Register here.](#) Light refreshments will be provided, as will water, bug spray and gloves. We ask that volunteers wear long pants, shoes plus socks, and bring a reusable water bottle. You may also want to bring your own gloves (gardening gloves work great!), a hat and/or sunscreen.

Urban Run Series: Plogging Run-11am start at Flying Bison Brewery. Free food, music and drink specials. [Info.](#) Plogging is a Swedish activity that combines jogging with community cleanups. Exercise and feel like you are making a difference.

Stargazing In Hamburg-8 to 10pm. Join us at Penn Dixie for an out-of-this-world experience! Guests are encouraged to bring lawn chairs, warm clothing, blankets, a flashlight, and food/beverages. We'll have plenty of telescopes, but you can bring yours along, too, if you'd like some expert advice. All ages welcome. Registration is not required. Check our social media for weather-related updates. Please plan to arrive a few minutes before the scheduled start time so that you have time to use the restroom and set up your lawn chairs / blankets. If you arrive after the start time, we ask that you dim your headlights when pulling into the parking lot. www.pennidixie.org

Allegany State Park Botanical Hike-9am to 5pm. This event is sponsored by the New York Flora Assn, NFBS members are welcome to attend. Hike leader will be Erik Danielsen. Call Joanne Schlegel if you wish to attend, 716-835-6042.

Canoeing the Beaver Pond at Beaver Meadow-Join Naturalist Breton for a morning paddle on the Beaver Pond! We'll go over paddling techniques and provide all necessary equipment. Non-members \$15/BAS Members \$10. [Register for 9:00 AM Canoeing](#) or [Register for 1:00 PM Canoeing](#)

Sunday, August 21

Boating and Safety Outreach-11am to 4pm at Buffalo Harbor State Park. New York State offers an abundance of scenic waterways for boaters (motorboats, personal watercraft, kayaks, canoes and stand up paddleboards) including hundreds of streams, lakes and rivers to enjoy. Embark on an adventure exploring new waters, all while experiencing first-hand New York's incredible natural beauty. Do it safely! Stop by for information and swag. For information call (716) 282-5154 registration is not required.

Solar Viewing Sunday –11 am to 1 pm for a solar viewing event at Penn Dixie! Observe the sun through a telescope (with a proper solar filter!), make a space-themed craft, and learn about our solar system's only star. All ages welcome! This program is free with park admission and free for Penn Dixie members! Pre-registration not required. www.penndixie.org

Wildflowers and Insects at Beaver Meadow- 9:00 AM to 11:00 AM. Join Outdoor Educator Lauren for a hike in search of wildflowers and the insects that they rely on for pollination! Non-members \$15/BAS Members \$10. [Register for Wildflowers and Insects](#)

Wild Wing Festival Fundraiser- 12 to 4:00pm at our Sanctuary Gooseneck Hill Waterfowl Farm. There will be country music, "The RUSTIC RAMBLERS" food served by Lil's Deli, Guided bird tours, Tents provided in case of rain. Help us raise funds for the birds. ADMISSION is \$10 Adults, Under 12 are \$5, www.gooseneckhillfarm.com

Monday, August 22

Harbor Hikes and More-10am to 3:30pm at Buffalo Harbor State Park. Join a family friendly hike or make a craft to take home. Every Monday and Wednesday/ hikes at 10:00 a.m. and 2:00 p.m. and crafts start at noon. For information call (716) 282-5154 registration is not required.

Slow Roll Buffalo-Be ready to bike at 6:30pm. Location and info at <https://slowrollbuffalo.org/schedule/>

Tuesday, August 23

Creek Critters at Amherst State Park-10:30am. Discover what amazing animals are lurking underwater in Ellicott Creek. For children ages 7–12 and their caregivers. Note: This program takes place at Amherst State Park. Registration required; call Reinstein Woods at 716-683-5959.

Walk and Talk: Riverside-Register [HERE!](#) 6 – 8 pm at Riverside Place, 1083 Tonawanda St., Buffalo, NY 14207. Join us for our second Walk and Talk as part of our Environmental Justice semester. Local business associations and SBR members are invited to take a guided walk through Buffalo's Riverside neighborhood. Local community leaders and government representatives will join us to introduce climate related topics impacting business owners, to create a comprehensive conversation about the future. After the walks we will have a networking happy hour giving opportunities for businesses to mingle with each other, local industry leaders, and various experts.

Wednesday, August 24

Harbor Hikes and More-10am to 3:30pm at Buffalo Harbor State Park. Join a family friendly hike or make a craft to take home. Every Monday and Wednesday/ hikes at 10:00 a.m. and 2:00 p.m. and crafts start at noon. For information call (716) 282-5154 registration is not required.

Seed to Supper Free Gardening Classes-6:30 PM - 8:00 PM. [REGISTER](#). Class size limited to 25. Please register in advance by the Monday before the class. For accommodations contact jah663@cornell.edu 5 days prior to your event. Harvesting and Healthy Home for Pollinators; Location: Wealth in Health Family Garden.

Thursday, August 25

Wellness Walks-10am to noon. Drop by Tifft Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. **Ages:** All Ages, **Cost:** FREE. *Please call 716.825.6397 to confirm walk will take place.*

Kayaking with Tina-6:30 to 8:30pm at Beaver Island State Park. Are you looking to learn more about your kayak and equipment, or learn different paddle strokes and maneuvers? Look no further, join ACA (American Canoe Association) certified kayak instructors for a paddle in the lagoon at Beaver Island State Park. Topics will include kayak/paddle anatomy and style, safety equipment all should carry, and strokes/maneuvers that will make kayaking a little easier. For information and registration call (716) 282-5154.

Climate Conversations: Wildfire- 3:00PM - 4:00PM EDT webinar. Join us to discuss how to protect human health and the built environment in the face of more frequent and severe wildfires in the U.S. [Register.](#)

Bring Back the Pollinators: Get the Word Out-1:00 PM - 2:00 PM ET Webinar. Join the Xerces Community Engagement team for an exploration of various ways to spread the word about pollinator conservation and how to get your community more involved. See examples of what others have done and learn about Bee City USA, the Pollinator Protection Pledge, and X Kids, a new Xerces program. This webinar will be recorded and available on our YouTube channel. [Click here](#) for more information and to register.

Friday, August 26

Twilight at the Museum- 8 to 11pm. Come visit the Buffalo Museum of Science, have talks with astronomers and visit the museum roof deck (weather permitting). Included with admission.

Goat Island Evening Walk-7:30 to 9:30pm Explore and experience the beauty of Niagara Falls at night on a guided tour with a Park Naturalist. For information and registration call (716)282-5154.

Pelion Community Garden Volunteer Opportunity-9am to noon. We need help TIDYING UP for the TOURS! East Side Garden Walk and Urban Farm Day are coming this summer and we'd like to put our garden on its best display. This is the last chance to take care of tasks. Please join us for an hour. [Pelion Community Garden at City Honors School](#)

Saturday, August 27

Home & Garden Tours at Darwin Martin House- 10:30 a.m. at [Frank Lloyd Wright's Martin House](#), 143 Jewett Pkwy, Buffalo. This 90-minute tour introduces visitors to the unique relationship between the landscape and home that Frank Lloyd Wright designed for the Martin Family. [Advance ticket purchase](#) is required.

Bats! Shadows Of the Night- 8 to 11 pm. What goes screech, peep, and chirp in the night? Tifft and Ecology and Environment, Inc. present a special evening of Buffalo's wild nightlife. Participants safely observe scientific techniques in action like mist netting for bats and luring in insects of the night while exploring the importance of these creatures to the ecosystem on a guided night hike. Advance registration required. Space is limited. Age: 5 to adult, Cost: \$8 per person. BMS Members save 10%. Tickets. (716) 825-6397.

Fossil Hunting for Beginners-10am to noon at Penn Dixie. Learn the tricks of the trade from Director of Education & Paleontologist, Dr. Holly Schreiber and/or Director of Science, Catherine Konieczny, M.S. Tour the site and learn all the best spots to hunt for fossils. During this two hour tour we'll teach you how to find, dig, and preserve all the fossil treasures you find. Bring your own tools or borrow from our limited supply. No experience necessary. All ages welcome — this program will run rain or shine, dress for the weather. Included with admission or FREE for Penn Dixie members. Select “Fossil Hunting for Beginners” tour-time option when registering online, for no additional charge. [Register online here.](#)

Restoration Walk-10am. Learn how Reinstein Woods is transforming an area dominated by invasive plants into a restored native ecosystem. Take home tips for native plantings and invasive species removal. Reinstein Woods Nature Preserve. Registration required unless otherwise noted; call (716) 683-5959.

Beers, Bikes, and Barges Lockport-12 to 4pm. Your ticket includes a SQUAD-led 10-mile ride highlighting our region's unique canal history, a refreshing pint of beer and afterparty courtesy of Lock 34 Bar & Grill, an exclusive commemorative t-shirt and more. [Tickets.](#)

Nature at a Snail's Pace- 9 to 11am at Beaver Island Nature Center. Join a Forest Therapy Guide and awaken your senses, be in the present, slow down and reconnect with nature. The walk will conclude with tea under the trees. (tea not provided). For information and registration call (716) 282-5154.

Western New York Herbal Conference- organized by [Reciprocal Roots](#) from 9am to 5pm at Singer Farm Naturals in Appleton, NY. Visit the [conference website](#) to purchase tickets and check out the lineup of presenters and vendors. Ticket includes all classes, workshops, and lunch.

Urban Farms Day-10am to 5pm. FREE, self-guided, featuring area Urban Farms. Visit [UrbanFarmDay.com](#). Join us again this year for more fun and learning; pick up your week's produce while talking with truly devoted and enthusiastic gardeners.

Clarence Hollow Farmers' Market and Monarch Butterfly Release-8am to 1pm. 10717 Main St, Clarence, NY 14031, USA. Join WNY PRISM at the Clarence Hollow Farmers' Market in Clarence, NY. Stop by our table to learn about invasive species affecting your region and attend the Monarch butterfly release later in the day.

Campfire Night Hike at Beaver Meadow- 8:00 PM to 10:00 PM. Join us for marshmallows and s'mores around a campfire before a night hike at Beaver Meadow. We'll look for Screech-owls, Bats, and other nocturnal animals. Bring a flashlight and see what we can find! Non-members \$12/BAS Members \$8 or \$24 per family of 4. [Register for Campfire Night Hike](#)

Sunday, August 28

Graycliff Landscape Tours- 10:30 a.m. every other Sunday. Graycliff is located at 6472 Old Lake Shore Rd., Derby. The landscape tour is a 90-minute experience that focuses on the history and restoration of Graycliff's historic gardens and grounds. It includes the first floor of the main house, designed by famed architect Frank Lloyd Wright. Wright created the initial design of the landscape, and you'll hear about the important additional designs of Ellen Biddle Shipman, a pioneering Arts and Crafts landscape designer whose classic garden designs are known throughout the country. The tour is led by a docent who has specialized knowledge related to the plant life on the property. Tickets are \$35 the public and \$20 for students. Graycliff members also save (login online for benefits, or call Graycliff staff at 716-947-9217). [Book your tour here.](#)

Boating and Safety Outreach-11am to 4pm at Buffalo Harbor State Park. New York State offers an abundance of scenic waterways for boaters (motorboats, personal watercraft, kayaks, canoes and stand up paddleboards) including hundreds of streams, lakes and rivers to enjoy. Embark on an adventure exploring new waters, all while experiencing first-hand New York's incredible natural beauty. Do it safely! Stop by for information and swag. For information call (716) 282-5154 registration is not required.

Monday, August 29

Harbor Hikes and More-10am to 3:30pm at Buffalo Harbor State Park. Join a family friendly hike or make a craft to take home. Every Monday and Wednesday/ hikes at 10:00 a.m. and 2:00 p.m. and crafts start at noon. For information call (716) 282-5154 registration is not required.

Slow Roll Buffalo-Be ready to bike at 6:30pm. Location and info at <https://slowrollbuffalo.org/schedule/>

Tour of The Foundry-6pm. View the community makerspaces and business spaces. 298 Northampton Street Buffalo, https://www.thefoundrybuffalo.org/upcoming_events. Mondays.

Tuesday, August 30

Have You Had Your Vitamin Tree-Noon to 1:30pm webinar. Draw your own conclusions between healthy trees and healthy people and how we can play an important role in this dynamic. [Register](#).

Wednesday, August 31

Harbor Hikes and More-10am to 3:30pm at Buffalo Harbor State Park. Join a family friendly hike or make a craft to take home. Every Monday and Wednesday/ hikes at 10:00 a.m. and 2:00 p.m. and crafts start at noon. For information call (716) 282-5154 registration is not required.

Waterfall Walk-10am to 1:30pm at Knox Farm State Park. Embark on a journey to Knox Falls. This is an intermediate level hike designed for those who enjoy the thrill of a more demanding nature walk. Bring a bagged lunch, water and sturdy footwear. Knox Farm State Park. For information and registration call (716) 549-1050.

Food Policy Council of Buffalo & Erie County Open Meeting-4pm. [Info for online meeting](#).

Thursday, September 1

Wellness Walks-10am to noon. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. **Ages:** All Ages, **Cost:** FREE. *Please call 716.825.6397 to confirm walk will take place.*

Friday, September 2

What's Bugging You First Fridays- 12:30 to 1pm. Topic: Identification of common garden tomato diseases, Tips to avoid damage by the squash vine borer. See [details and registration information here](#) or call CCE Chautauqua at 716-664-9502.

Saturday, September 3

Home & Garden Tours at Darwin Martin House- 10:30 a.m. at [Frank Lloyd Wright's Martin House](#), 143 Jewett Pkwy, Buffalo. This 90-minute tour introduces visitors to the unique relationship between the landscape and home that Frank Lloyd Wright designed for the Martin Family. [Advance ticket purchase](#) is required.

BAA Public Observatory Night- 8 to 11pm. Join members of the Buffalo Astronomical Association for a live and in-person event as they take you on a telescopic tour of our solar system, our Milky Way galaxy and the universe! BAA will have the observatory at Beaver Meadow open rain or shine. In the event of a snowstorm or other weather event that forces cancellation, visit the BAA facebook page for updates. www.buffaloastronomy.com

Niagara River Kayak & Bike Tour (with Niagara Outfitters)- (this event was originally scheduled for July 9th), 9:00 AM - 12:00 PM. Lewiston Public Boat Launch. Cost: \$100 (includes kayak rental, paddle, and life jacket). Join us for a wonderful event beginning at 9:00 a.m in Lewiston, NY at the Lewiston public boat launch. Get your life jacket and kayak (provided) and join Libby Broderick, a NYS licensed outdoor guide, for a tour down river to the Stella Niagara Nature Preserve. After our walk through the meadow, we will hop on bikes (provided) and return to Lewiston. Cost includes kayak rental, paddle, life jacket, and bike. [REGISTER](#)

Public Comments, Civic Engagement and Activism

****This section will share ways to engage and follow policy at the federal and state level. Voting is one action, but civic engagement requires us to share our views and desires with our elected officials.**

Public Comment Opportunities:

Erie County Climate Taskforce-[chapters](#) available for public comment.

NYS DEC Glyphosate-- [proposed ban on use of Glyphosate \("Roundup" herbicide\) use on state property](#)

Deadline: August 17.

Contact elected representatives today! You don't have to be an energy or climate expert to make a difference. [Get their contact info](#). Then weigh in on the below! For sample emails to send to policy makers, check out Step 1 at <https://www.aashe.org/Climate-Solutions/>. Sign up for up-to-date policy alerts [here](#).

1. **Infrastructure bill implementation:** Contact your elected officials and encourage them to spend funding on needed infrastructure with climate-friendly solutions.
2. **State energy efficiency -** Check out ACEEE's [state energy efficiency scorecard](#). NY is # 5. Contact your state legislators and governor to let them know you support their efforts to make our state more energy efficient for a healthier environment and economy.
3. **On a Campus?** Universities and colleges must be ambitious when it comes to tackling the climate crisis. One of the most important steps is to commit to the Global Climate Letter – find out more [here](#).

Tips for the Environment:

Research Efficiency- Planning to get a new vehicle, check [EPA mileage estimates](#). Considering a new appliance, check its [Energy Star rating](#) or [Water Sense](#) for water usage.

Ongoing Volunteer Opportunities Available

Volunteer opportunities are available at local organizations for a one-time commitment for several hours to a regularly scheduled donation of your time. Websites are listed later in the newsletter.

Aquarium of Niagara- Scuba-certified volunteers needed to clean the sea lion exhibit (without animals) once monthly. Other opportunities exist for education, exhibit maintenance and other tasks.

AWARE (Association for Wild Animal Rehabilitation and Education) - Volunteers needed for fundraising, grant writing, capturing and transporting animals to us or the veterinarians, public relations, construction of cages, begging for donations of materials and food (for the animals, not us) and for helping at our educational programs.

Buffalo Audubon- Volunteers wanted for Beaver Meadow Audubon Center, and For the Birds Niagara! Help with tour leading, office work, programming, grounds keeping and general maintenance. Every Wednesday 10am-2pm is Volunteer Day at Beaver Meadow. No need to register but bring a lunch. Call (800) 377-1520 for details.

Buffalo Carshare- This new non-profit has brought car-sharing to Buffalo. Volunteers are needed for office help and promotion. Contact them at <http://www.buffalocarshare.org/volunteer.html>.

Buffalo Central Terminal-Many different opportunities for people interested in helping to preserve this unique building-people with basic carpentry and repair skills, and those with plumbing or electrical skills, to work inside the building, as well as those interested in staffing events, assisting with fundraising, marketing, operating our gift shop, and other tasks. For info, check <http://buffalocentralterminal.org/you-can-help/volunteer-with-the-ctr/>.

Buffalo & Erie County Botanical Gardens-Docents needed. Training is provided. Tours and hands-on lessons are scheduled in advance, so you may sign up for those that fit your schedule. Other opportunities to help are available too. For info, contact khammer@buffalogardens.com

Buffalo Junior Solar Sprint-If you are interested in helping run the JSS Buffalo event or are interested in finding out more about the Leadership committee, please contact jssbuffalo@yahoo.com.

Buffalo Museum of Science has volunteer and internship opportunities available for teens, college students and adults. For information, contact Monika McFoy, Director of Community Programs, at 896-5200, ext. 343.

Buffalo Niagara Waterkeeper- <https://bnwaterkeeper.org/programs/volunteer/> for opportunities.

Buffalo Olmsted Parks Conservancy will assign volunteers to specific clean up and planting projects throughout the summer. Learn more at bfloparks.org/volunteer

Buffalo ReUse can use volunteers for many things. To help, contact them at volunteer@buffaloreuse.org.

Clean Air Coalition of WNY-Help with mailings, phone calls, canvassing and Photovoice (documenting environmental challenges). To help, contact at 852-3813 or www.cacwny.org.

Garden Walk Buffalo helps to rejuvenate neighborhoods, helps make our neighborhoods more walkable, and has an incredible impact on Buffalo's image outside the region. For info, email GardenWalkBuffalo@yahoo.com.

Global Justice Ecology Project- volunteers needed for mailing and office support. <https://www.dec.ny.gov/chemical/8799.html> <https://globaljusticeecology.org/>

Go Bike Buffalo- If you're interested or want more information, info@gobikebuffalo.org

Habitat for Humanity needs volunteers to help impact lives of families in the city of Buffalo by building simple, decent homes. Call 204-0740 or volunteer@habitatbuffalo.org.

Hawk Creek Wildlife Center is seeking volunteers for who would like to work with wildlife. 16 years or older. Call 716-652-8646. Email info@hawkcreek.org.

HOME, Inc. (Housing Opportunities Made Equal) seeks volunteers to work on various committees to further fair housing. For info/application, visit their website at www.homeny.org.

Iroquois National Wildlife Refuge-lots of options [here](#).

Iroquois Observations offers free nature programs in partnership with the Buffalo Audubon Society each spring and fall. Please contact Garner Light at glight@rochester.rr.com for more information.

Junior Solar Sprint Buffalo- If you are interested in helping run the JSS Buffalo event or are interested in finding out more about the leadership committee, please contact jssbuffalo@yahoo.com

Lead Safe Erie County needs volunteers to help paint houses and prevent lead poisoning. For those who are interested, there is also free training for Lead Safe Work Practices Certification. Service learning students, block clubs and others are welcome. Call Mary at 716-833-2929, ext. 117.

Massachusetts Avenue Project needs volunteers from the 1st week in April through October on Saturdays from 10-1 PM. <http://mass-ave.org/>

Olmsted Parks-Volunteers are needed for tree plantings, special park events, office work and mailings. Please call (716) 838-1249 x. 33 for more info on becoming an Olmsted parks volunteer.

Penn Dixie Paleontological and Outdoor Education Center- Volunteers of all ages and backgrounds are needed. Have a few hours a month to help introduce children and adults to the natural sciences? Call (716) 627-4560.

Preservation Buffalo Niagara-Interns & volunteers welcome. www.preservationbuffaloniagara.org.

Reinstein Woods Nature Preserve offers a variety of volunteer positions as well as internships for college students. For more info, call 683-5959 or visit <http://www.dec.ny.gov/education/1960.html>.

Slow Roll Buffalo- our volunteer squad serves in a wide variety of roles on Mondays and beyond, from planning routes and keeping the rides smooth to many forms of community outreach. submit an [application!](#)

Tift Nature Preserve also needs volunteers for their programs, communications, fund-raising and other events. [716-825-6397](tel:716-825-6397) and tiffreservations@sciencebuff.org.

Western NY Land Conservancy- trail clearing, mailings, technical research and citizen scientist projects. <https://www.wnyc.org/>

Additional calendars with local events-

<http://www.citybration.com>

<http://www.buffalospree.com>

<http://www.metrowny.com/events.php>

<http://www.buffalo.edu/calendar>

Re-Energize Buffalo Blog- <http://renewnrg.blogspot.com/>

<http://buffalorising.com>

<http://rochesterenvironment.com/calendar.htm>

<https://boredommd.com/>

Useful Tools:

Wildlife Rehabilitator Search- https://www.dec.ny.gov/cfmx/extapps/sls_searches/index.cfm?p=live_rehab

[Tree Equity Score Tool](#)- tree cover with social and demographic statistics

[Climate Change and Birds Visualizer](#)- examines how birds are faring across regions

[Crop Condition and Soil Moisture Analytics](#) -high-resolution data that can help plan spring planting, track damage

[Climate Change Solution Simulator](#)-En-ROADS is a policy simulator

[BirdCast](#) offers real-time migration maps showing where birds are and in which direction they're going

[Personal Plastics Footprint Calculator](#)- measure your footprint for a week or year

[Climate Change Indicators in the United States](#)

<https://emagazine.com/green-jobs/> Green jobs

[Ecosystem Restoration Handbook](#)

[Sustainable Gardening Library Resources](#)

[Working With Nature: A Guide to Native Plants for New York's Great Lakes Shorelines](#)

[Buffalo B-WELL Videos](#)

<http://growitsaveituseit.com/>

[toolkit to reduce synthetic fertilizer use](#)

[#OnesToWatch interactive map](#)-NY invasive species map

[Organics Communications Toolkit to Reduce Waste](#)

[Recycle Coach](#)-Erie County resident app for info on trash and recycling in their towns

[Pollution Prevention Institute Tools for businesses, households, others](#)

Additional local blogs and websites-

Birds on the Niagara- <http://www.birdsontheniagarafrontier.org/>
Breaking Green Podcast- <https://globaljusticeecology.org/breakinggreen/>
Buffalo Niagara Gardening - <http://www.buffalo-niagaragardening.com/>
Buffalo Niagara Nature Almanac- <http://bnnatureblog.com/>
Buffalo Issues Alert- <http://groups.yahoo.com/group/BfloIssueAlerts/>
Buffalo Promise Neighborhoods- <http://buffalopromiseneighborhood.org/>
Buffalo Tours- <http://buffalotours.blogspot.com/>
Buffalo Green Fund-<http://www.buffalogreenfund.org/>
Canning Tips for Food Preservation- <http://www.motherearthnews.com>
Campaign for Buffalo History, Architecture and Culture- <http://greaterbuffalo.blogs.com/>
Chirps and Cheeps Bird Blog- <http://www.chirpsandcheeps.com/>
Dept. Environmental Conservation Calendar- <http://www.dec.ny.gov/calendar/>
DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>
Edible Buffalo- <http://ediblebuffalo.wordpress.com/>
Erie Cattaraugus Rail Trail- <http://www.ecattrail.org/>
Farmer Resource Network- <https://farmerresourcenetwork.force.com/FRN/s/>
Fix Buffalo- <http://fixbuffalo.blogspot.com/>
Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>
GBNRTC-<http://www.gbnrtc.org/blog/>
Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>
Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>
Learning Sustainability Campaign- <http://www.learningsustainability.com/>
Natural and Working Lands-<https://blogs.cornell.edu/workinglands/> Farming and Climate Change resources
Nourishing Harvest- <https://www.patreon.com/anourishingharvest>
Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>
Recycle Right NY- <https://recyclerightny.org/>
Reuse Action-<http://reuseaction.com/blog/>
Rochester Environment- <http://www.rochesterenvironment.com/>
WNY Enviro- <http://groups.yahoo.com/group/WNY-ENVIRO/>
Outdoors Niagara- <http://www.outdoorsniagara.com/>
Environmental Tips- <http://www.globalstewards.org/ecotips.htm>
Buffalo Architecture and History- <http://www.buffaloah.com/>
Richardson-Olmsted <http://www.richardson-olmsted.com/>
Times Beach Nature Preserve- <www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029>
Black Dog Rescue- <www.blackdogsecondchance.org>
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- <https://www.grandislandschools.org/domain/49>
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- <www.ptny.org/bikecanal>
Rochester Roots-<http://www.rochesterroots.org/>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>
Citizen Science Opportunities- [listing](#)

County/New York State Resources

Erie County GIS Mapping- <http://gis2.erie.gov/HTML5/ErieCountyNY/>
Geographic Information Gateway <http://opdgig.dos.ny.gov/#/home>
[NY Greenways interactive map](#)

Green Jobs, Internships and Opportunities

E-Magazine-<http://greenjobs.net/>
Green Jobs- <http://www.greatgreencareers.com>
UB Green Job list- <http://www.ub-careers.buffalo.edu/green.php>

Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

Additional jobs-<https://www2.erie.gov/index.php?q=job-openings-community>

Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org

www.buffaloudubon.org

www.buffalogardens.com

www.buffscience.org

www.tifft.org

www.buffalozoo.org

www.penndixie.org

www.yourspca.org

Grant Opportunities/Tools

<https://trust.guidestar.org/grant-writing-101-resources-for-grant-writers>

<http://assembly.state.ny.us/gan/>

www.grantstation.com

www.grantwatch.com

www.grantsalert.com

<https://attra.ncat.org/index.php>

<https://grantsreform.ny.gov/>

Find your farmer - [Erie Grown website](#)

Urban Farms/ Composting/ Community-Supported Agriculture/Sustainable Practices-

Backyard Bounty-podcasts on homesteading, beekeeping etc. <https://heritageacresmarket.com/backyard-bounty-podcast/>

Becker Farms- <http://www.beckerfarms.com/csa>

Brewster Street Farm- <https://www.jersbuffalo.org/brewster-street-farm>

Buffalo Organics/Foodscaping Project-<http://www.buffalofoodscaping.com/>

Canticle Farms-<http://www.canticlefarm.org>

Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>

Cool Greens Vertical Farm- <https://www.facebook.com/Cool-Greens-Vertical-Farms-2261876070712461/>

Crown Hill Farms-<https://www.crownhillfarm.com/>

Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>

Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>

Falkimmer Farms- <https://www.facebook.com/FalkimmerFarms/>

Farmer Pirates-<http://www.farmerpirates.com/>

Farmers and Artisans- <http://farmersandartisans.com>

Farmthisway CSA - <http://www.farmthisway.com/>

Fenton's Produce- www.fentonsproduce.com

First Light Farm and Creamery- <http://www.firstlightfarmer.com/>

Five Loaves Farm- <https://5loavesfarm.org/>

Fleckenstein Farms-<https://www.fleckensteinfarms.com/>

Free Fallen Fruit Rescue-<https://www.facebook.com/freefallenfruitrescue>

Fresh Fix -<https://www.freshfix.com/>

Goodman Farms- <https://goodmanfarms.net/>

Gormley Farms-<https://www.facebook.com/gormleyfarms>

Greater Buffalo Urban Growers-<https://www.facebook.com/greaterbuffalourbangrowers/>

Green Heron Growers- <http://www.greenherongrowers.com/>

Gregs U-Pick- <http://gregsupick.com/>

Groundwork Market Garden- <http://www.groundworkmg.com>

Happy Shacks Oils-free seed library <https://happyshackoils.com/>

Healthy Living Farm- <https://www.healthylivingfarm.com>

Kindred Kreek Farms- <https://www.kindredkreek.com/>

Kubed Root-<http://www.kubedroot.com/>

Little Bear Farm- <http://www.littlebearfarm.harvesthand.com/>

Little Woods Farm-<https://www.littlewoodsfarmalden.com/>

McCollum Orchards- <http://mccollumorchards.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <https://platodalefarm.com/>
Porter Farms- <http://www.porterfarms.org/>
Produce Peddlers-<https://producepeddlers.com/>
The Promised Land- <http://promisedlandcsa.com/>
Providence Creek Farm- <http://www.providencecreekfarm.com/>
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
Rust Belt Harvest- <http://rustbeltharvest.org/>
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Utley Acres- <http://utleyacres.com/>
Westside Tilth Farm- <http://westsidetilth.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>
Local Meats- <http://meatsuite.com/>
NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>
WNY Food Hub for Farmers-<https://www.edenvalleygrowers.com/wny-foodhub>
Erie County Grown- www.erie.gov/eriegrown

Local Businesses with Classes and Workshops

Badding Brothers-<https://baddingbrosfarm.com/index.html>
Happy Shack Oils and More-<http://happyshackoils.com/>
Lockwood's Greenhouses-<https://weknowplants.com/>
Masterson's Nursery-<https://mastersons.net/>
Sweet Flag Herbs-<http://sweetflagherbs.com/>

Local Tourism promoting Sustainability

Buffalo Bites Food Tours- <http://www.buffalobitesfoodtours.com/>
Buffalo Tours- <http://www.preservationbuffaloniagara.org/buffalo-tours/>
Niagara Wine Trail - <http://www.niagarawinetrail.org/>

Recycling, Reuse, Disposal, Green Cleaning Options: (also check www2.erie.gov/recycling/index.php?q=node)

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com,
Building materials- www.buffaloreuse.org
Cars- <http://www.donateacar.com/>
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill,
Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>, <https://www.decluttr.com>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore
Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>,

Electronics- www.grenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com

City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.

Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.

Eyeglasses-Lions Club <http://donateglasses.net/search.html> for sites accepting donations

Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.

Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)

Furniture-Goodwill, Salvation Army, Amvets and other charities

Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>

Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>

Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>

Hazardous Household materials- <http://www.hazmanusa.com/>

Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,

Ink cartridges-RecyclePlace.com and most manufacturers

Mascara Brushes- Contact wildlife rehabilitation facilities or [here](#)

Mattresses- <http://triadrecycle.com/mattress/> Hazman, Buffalo ReUse ReSource

Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf

Needles, Syringes etc.- <http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access>

Packaging Materials (bubble wrap, peanuts)-UPS Store

Paint- <https://www.paintcare.org/>

Pharmaceuticals-dropoff sites at [map](#)

Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot

Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org

Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448

Recycling A to Z - [realsimple](#)

Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com

Sports equipment-resell/trade at www.playitagainsports.com

Styrofoam- Thermal Foams, Inc. for clean, white Styrofoam at 2101 Kenmore Ave., 14207. Call first at (716) 874-6474.

Tennis balls- <http://www.rebounces.com/recycle/>

Toys, plastic or used- http://dmpgreen.com/mail_in.html, www.buffalony.gov/383/Streets-Sanitation

Underwear- <https://yourparade.com/products/second-life-recycling-kit>

Uses and reuses for many items- <http://www.world.org/weo/recycle>

Water filters-Brita partners with preserveproducts.com/recycling

Wetsuits- <https://www.sugamats.com/recycling/>, <https://www.greengurugear.com/pages/recycling-to-upcycle-program>

Eco-volunteering with Travel:

<http://www.planetfriendly.net/learn.html>

<http://www.globalteer.org>

<http://www.ecovolunteer.org/>

<http://www.goeco.org/>

<http://www.woof.org/>

<http://www.americanhiking.org/>

Education Courses, Resources or Certificates:

Solar Energy Training- <http://www.solarenergy.org/training-schedule/>

Coursera- www.coursera.org

[Green Education Foundation](#)

[Facing the Future](#)

[Cloud Institute for Sustainable Education](#)

[Sustainable Futures Institute](#)

[Nature Generation.](#)

[The Center for Ecoliteracy](#)

[Hamline's Center for Global Environmental Education \(CGEE\)](#)

[The National Science Teachers Association Learning Centers](#)

[The US Partnership for Education for Sustainable Development](#)

[Basics of Organic Farming](#) is a self-directed online course for beginning orchard and vegetable-crop farmers
[Our Farms, Our Future](#) podcast series

On Demand Webinars:

[Extended Producer Responsibility](#) (other videos on same youtube channel).

[Plan-It GEO](#)

<https://www.ceres.org/events/ceres-climate-week-nyc-2020>- CERES from NYC program in Climate Week

EarthEcho [Youtube channel](#) Water Challenge [playlist](#).

STEMExplore Virtual Career Connections [Virtual Events](#) page

Miscellaneous tools including videos and websites:

Green America's guide to Socially Responsible Investing- <http://pubs.greenamerica.org/i/116105>

Buffalo Relocation and Self-Promotion <http://www.wherelifeworks.com/>

Change Food Library <http://www.changefood.org/changefoodlibrary/>

USDA Tool Kit for Local Food [toolkit](#)

[Better Than Ed](#)-Video series with Actor Ed Begley encouraging environmentally-friendly practices.

[EJSCREEN](#) is an environmental justice mapping and screening tool.

[Local Foods, Local Places Toolkit](#) to help communities develop their own plans for setting and achieving local food and revitalization goals.

[Merlin Bird ID app](#) Bird id by song

[Archived EPA Climate Change Info.](#)

www.epa.gov/climate-indicators.

[Guide to help schools reduce food waste](#)

[Tool for Sourcing Local Meat](#)

[Click here to watch the Know Your Food videos.](#)

[iMATTER Youth Movement to Spark Change](#)

[Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement](#)

[EWG's Guide to Healthy Cleaning.](#)

[EWG's Tap Water Database.](#)

<http://www.nebeginningfarmers.org/online-courses/> -beginning farmer online training through Comell.

[2018 Fuel Economy Guide](#)

[Climate Hubs](#) provides information for managing risks posed by a changing climate.

[NOAA National Marine Sanctuary Webinar series](#)

[NOAA One Science Seminar Series](#)

[Green Restaurant sustainability tool](#)

[Mapping Climate Change.](#)

[Socially Responsible Investing and Banking](#)

[Bee Better Certified™](#) - pollinator-focused farm certification program

[Promise of Biomimicry](#)

[Pollinators under Pressure](#)

Links to area/state environmental/community sustainability organizations and regularly scheduled activities:

Adirondack Mountain Club-Niagara Frontier Chapter

<http://adk-nfc.org/>

Meetings 7:30, second Tues. from Sept.-June

AIA Buffalo Western NY

<https://www.aiabuffalowny.org/>

Air and Waste Management Association

<https://awmanfs.wildapricot.org/>

Allegany Nature Pilgrimage

<http://alleganynaturepilgrimage.com/>

Alliance for the Great Lakes

www.greatlakes.org

American Planning Association-WNY Section/Upstate

<http://nyupstateplanning.org/www.wnyapa.com>

American Meteorological Society-WNY Chapter	www.facebook.com/amswnychapter
Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html
Aquarium of Niagara	www.aquariumofniagara.org
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Birds on the Niagara	http://www.birdsontheniagara.org/
Black Rock Riverside Alliance	https://brralliance.org/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Astronomical Association	http://buffaloastronomy.com/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloudubon.org
Buffalo Blueway	https://buffaloblueway.com/
Buffalo Go Green	https://buffalogogreen.org/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/

Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	https://buffalo-orienteeing.org/
Buffalo Ornithological Society	https://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Buffalo Women of Env. Learning/Leadership (BWell)	https://bwell.community/
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
Clarence Bluebird Trail	https://lambbluebirdtrail.org/
Clean Air Coalition of Western New York	https://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.coalitionpositive.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cooperation Buffalo	https://www.cooperationbuffalo.org/
Cornell Cooperative Extension for Cattaraugus County	http://cattaraugus.cce.cornell.edu/
Cornell Cooperative Extension for Chautauqua County	http://chautauqua.cce.cornell.edu

Cornell Cooperative Extension for Erie County	http://erie.cce.cornell.edu/
Cornell Cooperative Extension for Niagara County	http://cceniagaracounty.org/
Crossroads Collective	https://www.facebook.com/CrossroadsBuffalo/
Daemen University Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	https://www.facebook.com/d2lsBuffalo/
Drave's Arboretum	https://www.facebook.com/dravesarboretum/
Earth Spirit Educational Services	www.earthspiritedu.org
EforAll	https://eforall.org/
Environmental Advocates NY	www.eany.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	https://esd.ny.gov/erie-canal-harbor-development-corporation-0
Erie County Climate Action & Sustainability	http://www2.erie.gov/environment/sustainability
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	https://www.ecfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb

Field and Fork Network	http://fieldandforknetwork.com/
500 Women Scientists, Buffalo Chapter	https://500womenscientistsbuffalo.wordpress.com/
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.finwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Sinking Ponds	https://www.friendsinkingponds.org/
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Research Consortium	https://www.esf.edu/glrc/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org

Hope Rising Together	https://ltlol.com/
Housing Opportunities Made Equal	https://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Inland Ocean Coalition-Buffalo Chapter	https://inlandoceancoalition.org/whoweare/chapters/buffalo/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Lake Erie Watershed Protection Alliance	http://www.erie.gov/lewpa
Leadership Buffalo	https://www.leadershipbuffalo.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Local Initiatives Support Corporation	https://www.lisc.org/wny/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/

New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	https://nysacc.org/
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	https://parks.ny.gov/
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York Upstate Chapter, Landscape Architects	https://www.nyuasla.org/
New York State Wetlands Forum	http://www.wetlandsforum.org/index.html
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	Niagara Frontier Botanical Society
Niagara Outfitters	https://niagaraoutfitters.com/
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-1013633888708865/
Niagara River Greenway Commission	https://www.niagararivergreenway.com/
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org

Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/
Our Outer Harbor	http://www.ourouterharbor.org/
Partners for a Livable WNY	https://www.livablewny.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Pelion Garden	https://peliongarden.org
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffematurecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Pollinator Conservation Association	http://www.pollinatorconservationassociation.org/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	https://www.facebook.com/ThePrimateSanctuary
Providence Farm Collective	http://providencefarmcollective.org/
PUSH Blue	https://www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
Restore our Community Coalition	http://rocbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/

Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Secret Places of WNY	https://www.insiders-outside.com/events
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	https://www.facebook.com/groups/slowrollbuffalo/
South Buffalo Alive	www.facebook.com/South-Buffalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	www.facebook.com/21stCenturyParkOnTheOuterHarbor/
UB Engineers for a Sustainable World	http://www.eswub.com/
UB Environmental Network	https://www.facebook.com/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.uli.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/

Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.org/
Wellness Institute	https://creatinghealthycommunities.org/
Western Chapter New York Water Environment Association	http://nywea.org/
WNY Native Plants Collaborative	https://www.wynativeplants.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.wnyea.org
Western New York Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Herpetological Society	https://www.facebook.com/wnyherpsociety
Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	https://www.wnylc.org/
WNY Mountain Bike Association	http://www.wnymba.org
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Permaculture	www.facebook.com/WNY-Permaculture-1098493876841295/
WNY Raptor Center	Wnyraptor.com
Western New York Science Congress	http://wnyssc.org/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/
Western New York Service Learning Coalition	https://wnyservicelearningcoalition.org
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnysystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/

Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/wp/
WNY Young Birders Club	https://www.wnyybc.org/events
West Side Ministries (716 Ministries)	http://www.westsideminstries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Spirit Education	http://www.wildspirit.org/
World on your Plate	http://www.worldonyourplate.org/