

# Enviro-News

December, 2023

Sponsored by Daemen University's Global & Local Sustainability Department

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## Articles:

### **Great Lakes Action Agenda Sub Basin Work Group Public Meeting**

The Great Lakes Action Agenda Sub Basin Work Group will host a public meeting on **Monday, December 4** from 1 to 4pm at Tift Nature Preserve, 1200 Fuhrmann Blvd. These work groups are being held in each of New York's Great Lakes Sub Basins to offer opportunities for stakeholders to learn, connect, and coordinate to support implementation of [New York's Great Lakes Action Agenda](#), which was recently updated in 2023.

### **30 x 30 Biodiversity Regional Discussion**

The Western New York Environmental Alliance recently convened a discussion on the ambitiousness worldwide plan to preserve 30% of earth's ecologically productive land and waters by the year 2030. This plan has been adopted by the UN Biodiversity Conference and has become United States and New York state policy. Speakers from various groups discussed how their groups can actively support the 30 x 30 plan including prioritizing which lands should be preserved and or purchased, repurposing brownfields instead of building on virgin land, and maintaining ecological corridors for wildlife movement. Jay Burney, WNYEA Advocacy Chair, will spearhead the local 30 x 30 initiative by collaborating with interested individuals and organizations to develop an action plan. To provide input please complete a [questionnaire](#) which has an opportunity to sign up for future activities. Use this [link](#) to hear the meeting and presentations in their entirety.

### **Public Comment Welcomed for Contamination Cleanup Proposal**

The New York State DEC invites the public to comment about a proposal to address contamination related to the 147 West Tupper Street Site #C915389 (Buffalo, Erie County) within New York's Brownfield Cleanup Program. The comment period ends on **December 15, 2023**. Information on the proposal available [here](#).

### **Birders of All Levels: Participate in a Christmas Bird Count**

In 1900, a birder initiated what are now annual Christmas Bird Counts. The data collected across the regions from this same time of year allow scientists to track patterns in bird species. There are a number of local counts taking place from December 16-30. Novice bird watchers are welcome and can learn from those who are more experienced. [Check for a count location](#).

## Green Drinks

Join others to network and enjoy conversation with environmental folks at 5:30pm on **Thursday, December 14** at Belt Line Brewery at 545 Swan St, Buffalo, NY 14204. The event is also listed on [Facebook](#) and on the [Green Drinks webpage](#).

## Household Hazardous Waste Dropoffs

Erie County residents have the option of using the County's "Voucher Drop-off program" which enables residents to bring up to 50lbs. eligible hazardous waste to the Hazman facility in Tonawanda at no cost. Preregistration for this service is required. For more info go to [erie.gov/recycling](http://erie.gov/recycling) or Hazman directly at 998-8073 or call 716-858-6800. For more info or to ask questions please email us at [recycle@erie.gov](mailto:recycle@erie.gov) or call our HHW Hotline at (716) 858-6800.

## Advancing Buffalo's Climate Work: Interview with Kelley St. John

City of Buffalo's first Climate Action Manager, Kelley St. John was recently interviewed by UB Sustainability Climate Justice Student Assistant Valerie Juang. Listen to the [podcast](#) to learn more about Buffalo's plans for climate justice.

## Scajaquada Creek Restoration Community Advisory Group (CAG): Members Sought

Do you live near Scajaquada Creek or its headwaters? Community members are needed from Headwaters & Middle section of the creek (Cheektowaga, Depew, & Lancaster), Buried section of the creek (the neighborhoods of Hamlin Park, Trinidad, Cold Spring, Parkside, Leroy, Kensington, Kenfield, Schiller Park, Genesee Moselle, Delevan-Grider, MLK Park, Masten Park, and Kingsley on the east side of Buffalo) and Daylight section and mouth of the creek (Forest Lawn Cemetery and area to the west, Elmwood Village, Black Rock and Riverside neighborhoods, Niagara Street community). Buffalo Niagara Waterkeepers will coordinate CAG meetings and correspondence. CAG members will participate in two meetings per year and stay connected to the group via regular emails and other informal conversations and collaborations. CAG members will provide input and feedback on the progress and draft materials of the Scajaquada Creek Restoration Plan, an outreach plan, and a long-term community engagement plan, committing roughly 20 hours each year. **A stipend of \$595/year will be provided to CAG members as a token of our appreciation! To Apply-deadline December 18.** Fill out an [Interest Form](#) using the Google form or by downloading the [Interest Form](#) and submitting via email or mail.

## NY State Transportation Master Plan Survey

Give your input and help the New York State Department of Transportation (NYSDOT) develop the Transportation Master Plan 2050! The Master Plan will define a long-range statewide transportation vision and will guide policies and priorities for New York State's transportation system with an outlook to 2050. Take a two-minute survey and share how New York State's transportation system works for you: <https://publicinput.com/j1748>. Your input will help inform the strategies, policies, and initiatives that NYSDOT includes in the final Transportation Master Plan.

## Greater Niagara Fishing Expo

This pure fishing show is designed by anglers for anglers with the simple goals of promoting and teaching fishing. This annual event, now in its 9th year, attracts thousands of anglers to the Niagara Falls Convention Center in downtown Niagara Falls, NY. This year, the Expo runs **Thursday, February 15 through Sunday, February 18**, and [tickets are currently on sale](#).

With hundreds of hours of fishing education available for attendees to choose from and over 170 booths of fishing-related exhibitors, the Greater Niagara Fishing Expo is the largest fishing show in New York State and among the largest in the Great Lakes. With a wide range of offerings for all angling interests and skill levels, the Expo welcomes anglers of all ages and experience levels to attend.

## Cutoff Date for Fertilizing Lawns is December 1

If you plan to fertilize your lawn, remember that it is **against New York State law to fertilize lawns between December 1 and April 1 with phosphorus**. Some areas also have local laws about selling and using lawn fertilizers. Visit [DEC's Lawn Fertilizer webpage](#) for more information. The law does not apply to agricultural fertilizer or fertilizer for gardens. Before buying lawn fertilizer, check the bag for a set of three numbers showing the percentage of nitrogen, phosphorus and potassium. Buy a bag with a "0" in the middle. Lawn fertilizer can have unnecessary phosphorus that runs into waterbodies. Excess phosphorus in freshwater can cause algae overgrowth, with serious impacts to the environment and public health.

## Coordinated Human Services Transportation Plan Update: Your Input is Needed!

Transportation is critical for access to jobs, health care, education, and a range of other services and opportunities. The Greater Buffalo Niagara Regional Transportation Council (GBNRTC) is conducting a brief survey as part of the Coordinated Human Services Transportation Plan Update which seeks to improve transportation for persons with disabilities, older adults/seniors, and individuals with lower incomes in the Erie and Niagara Counties. [Take the survey.](#)

## Electric School Bus Roadmap Released

Governor Kathy Hochul today announced the State's first Electric School Bus Road Map, which outlines the initial pathway to 100% zero-emission school buses by 2035, and the first four elements of an Electric School Bus Guidebook to help schools and school bus operators through the process of incorporating zero-emission buses into their fleets. View the road map or learn more about the program as a whole [here!](#)

## Guaranteed Ride Home Program Makes Carpooling and Transit Stress-Free

Erie and Niagara County residents who regularly commute by carpool, vanpool, public transit, walking or biking are eligible for the free Guaranteed Ride Home Program (GRHP). When you need to leave work unexpectedly for an emergency, and can't use your regular mode of commute, we'll get you to your destination by Lyft, Uber, taxi or public transit—up to two rides per month and \$50 per trip, up to \$200 per year (limitations apply). Click the link below to learn more about terms and conditions, and to register for the program. [REGISTER FOR GRHP](#) Find a carpooling partner through [511NY Rideshare!](#) Use the *free* [Commutifi](#) portal! Get rewarded for driving less with \$50 Shop 716 gift card giveaways each month.

## Classical Weed Biological Control 101 Short Course

The North American Invasive Species Management Association (NAISMA) Classical Weed Biological Control 101 Short Course is an asynchronous, professional, online short course that was created to provide you with knowledge about the science, application, and regulation of classical weed biological control. The course consists of six sequenced video presentations, along with supplemental materials for in-depth learning and assessment. This class was developed by professionals with real world experience managing invasive plants and is free for all thanks to funding from the USDA Forest Service. Learn more and register at <https://naisma.org/programs/professional-development/biological-control-101/>.

## American Climate Corps Launched

The White House has announced the launch of an American Climate Corps to provide education and training to more than 20,000 young people that will allow them to develop the skills needed to fulfill jobs in the growing sectors associated with a clean energy economy. The new program--which will be coordinated across six federal agencies--aims to provide paid workforce training and service opportunities in conservation and restoration, community resilience, clean energy technology, and more. Anyone interested in joining or supporting the American Climate Corps to [sign up](#) for more information.

## LEED Green Associate Training - Webinar and Online Self-paced Options

LEED Green Associate is a credential which will enhance your professional credentials, open doors to new job opportunities and help advance your career in the green building industry. [Register for a live webinar](#) or start today with an on-demand recorded workshop completed anytime at your own pace from Leading Green. Cost: \$200 - Students can use the coupon code 'green' for \$50 off (Discounted course price \$150). Save your seat by registering for our live or self-paced options. - <https://leadinggreen.com/online>.

### 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](#).

## Erie Community County Climate Action Plan and Volunteer Opportunities

Erie County Climate Action has completed their 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. The full draft of the county plan is [here](#). If you want to get involved, consider joining the [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 info on Erie County's climate efforts and ways to be involved.

### Wine By-Products Used as Natural Coloring Agent

Wine lees are the residue leftover after fermentation in the winemaking process, mainly consisting of dead yeast cells. Each year up to 2.5 million tons of lees are produced globally. While they can become a pollutant if released directly into the environment, they have properties that can enhance the nutritional and functional properties of various products including yoghurt, ice cream, and even burgers. In a study published in [Journal of the Science of Food and Agriculture](#) they have demonstrated how one of the most significant by-products from the winemaking industry can be used in gelatin-based sweets, as a low-cost natural coloring agent with added health benefits.

### Heat Pumps: The Basics

Heat pumps are safe, efficient, and versatile. They are an all-in-one heating and cooling system. Cold climate heat pumps are designed to efficiently operate in cold climates like New York State – while also doubling as a cooling system in the summer. Heat pumps are cleaner and more efficient than boilers and furnaces. They don't burn fossil fuels like oil, propane, and natural gas. Heat pumps use electricity to draw thermal energy from the environment. They move that energy indoors to heat your space or move it outdoors to cool your space. While there are three types of heat pumps —air source, ground source, and water source — ground source heat pumps (also known as geothermal) can serve the needs of a single building or be installed in a networked system. Not sure how ground source heat pumps work? This [two-minute NYSERDA video](#) explains how they take advantage of the earth's constant temperature (in New York State, that's around 50°F) to efficiently heat and cool buildings. Ground source heat pumps are high efficiency (provide 3-4 times the output for every unit of energy) and require minimal maintenance.

## Thousands of Beetles Released to Combat Invasive Species

The [NYS Hemlock Initiative](#) through collaboration with DEC and [WNY PRISM](#) released 1,700 tiny native beetles at Zoar Valley Multiple Use Area this month. *Laricobius nigrinus* beetles will find and eat the Hemlock Woolly Adelgid - an invasive pest that threatens the native Eastern Hemlock. The NYS Hemlock Initiative is run by Cornell University scientists who research ways to biologically control Hemlock Woolly Adelgid in order to preserve Hemlocks across New York State. WNY PRISM assists the initiative and DEC by surveying lands, like Zoar Valley, and reporting their findings.

## **Environmental Issue: File a report to the DEC and/or U.S. Attorney's Office**

See dark smoke or dust rising from an industrial site, or smell something foul? Visit [here](#) to file a DEC report, or, for rapid response, call 1-844-DEC-ECOS (1-844-332-3267) or the NYS Spill Hotline (1-800-457-7362). The public can report environmental concerns to the U.S. Attorney's Office. Environmental and public health concerns may be about air quality; water pollution; dumping, burying or burning of chemicals or toxic waste; climate change; health; workplace condition; the application of pesticides and their effects on wildlife; wetlands destruction; medications; cosmetics; biological products; oil and chemical spills; and discriminatory environmental and health impacts caused by recipients of federal funds. To report concerns, contact Environmental Justice Coordinator Aaron J. Mango at 716-843-5700 or email [USANYW.Environment@usdoj.gov](mailto:USANYW.Environment@usdoj.gov).

## **Western New York Young Birder Club**

The [Western New York Young Birder Club](#) (WNY YBC) is designed to help connect young and young at heart people with birds. Young birders of all ages are welcome! The WNY YBC organizes monthly events, sends a monthly email newsletter including the "Bird of the Month" feature and updates on [club outings](#), and serves as a resource for the community to connect with family-friendly birding experiences. WNY YBC recognizes that birding is often a quiet and calm activity that doesn't always match the exuberance of young birders – thus they are creating a space where an enthusiastic joy in birds can take flight. The club currently has 48 members ranging in age from 2-14 with an average age of 7. Check out WNY YBC's [website to join](#), learn more, and to find events near you!

## **DEC State Lands Kiosk Survey: Earn Prizes**

DEC is seeking public input to help make improvements to informational kiosk signage on DEC properties by completing the new [DEC Kiosk Survey through January 2024](#). Input from visitors' surveys will help DEC make improvements to kiosk signage throughout the state and enhance the visitor experience. Kiosks are small, open wooden structures that provide cover for educational and informational signs that feature trail maps, emergency phone numbers, and other important information. By taking the survey, participants will be entered into the survey sweepstakes which will have both monthly winners, who will a free subscription to DEC's Conservationist magazine and a \$50 gift card, as well as a grand prize winner, who will receive a free subscription to the Conservationist and a \$200 gift card. Individuals can submit only one survey response per kiosk location. Additional information about the survey, sweepstakes, and the link to the survey can be found on [DEC's website](#).

## **Tick App: Info for you, Data for Science**

[The Tick App](#) is a free app for your smartphone. The app contains information on ticks and asks you to log your daily activities to help researchers. You can even send pictures of your ticks for identification. The app allows people living in high-risk areas for Lyme disease to participate in a regional tick exposure and human behavior study. [DOWNLOAD](#) a PDF that describes how to use The Tick App.

## **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](http://www.tinyurl.com/municipaltraining).

## **Low Impact Development: Bioretention Design Handbook**

EPA is pleased to announce the release of the [Bioretention Design Handbook](#). The handbook was developed to inform practitioners about the latest approaches and lessons learned for bioretention design, construction, inspection, and operation and maintenance. The handbook contains a compilation of the current state of knowledge from published literature, interviews, and site visits with leading municipalities and practitioners across the United States. A unique feature includes the numerous photographs of bioretention facilities from more than 20 municipalities across the contiguous United States that showcase a diversity of design techniques.

## 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.

## Urban Agroforestry

A [free, downloadable publication](#) provides guidance in designing planting systems for your community. Trees and other perennial crops can be integrated into any number of urban landscapes, including urban farms, backyards, public parks, roadsides, neighborhoods, and other underutilized or marginal spaces. With proper planning, design, and management, these systems can increase the economic, ecological, and community resilience of urban areas.

## Making Fabric from Food Waste

Polybion, a biomaterials firm, used industrial fruit waste to bacteria isolated from kombucha to create a bacterial nanocellulose material called Celium. The material has been used by a fashion company to make a leather-like clothing item, which has a lower carbon footprint than conventional leather. Polybion is exploring other uses for the material, such as thread, construction materials and wound dressings. Read more [here](#).

## Weather Patterns for Climate Prediction

If you're curious how historical El Niño (or La Niña) conditions have affected weather patterns across the U.S., then check out the NOAA Physical Science Laboratory [ENSO comparison maps](#). The map selector lets you see temperature, precipitation, and other climate anomalies by month for all historical events in a side-by-side map view. A composite image that combines all past event anomalies into a single map is also available. El Niño conditions are currently present in the equatorial Pacific Ocean, and the latest [Climate Prediction Center outlook](#) says there's an 80 percent chance El Niño will continue through the Northern Hemisphere spring (March-April 2024).

## 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.

## EV Charging Funding Assistance

Charge Ready NY 2.0 (PON 5367) is an incentive program that provides \$4,000 per charging port installed at a public facility within a DAC and \$2,000 per charging port installed at a workplace or MUD location upon completion of the installation of charging equipment and the provision of appropriate documentation. An additional incentive of \$500 per port may be awarded for eligible Level 2 charging equipment installed at a workplace or MUD location within a DAC. Equipment Owners at workplace or MUD locations may choose to participate in a bonus program to receive additional incentives. Public and private (for-profit and not-for-profit) entities may participate in the Program. Applicants can be the Equipment Owners or the Installers on behalf of the Equipment Owners. Full program rules and procedures, additional information about the program, and current lists of eligible EV charging equipment and network providers can be found at [nyserdera.ny.gov/Charge-Ready-NY](https://nyserdera.ny.gov/Charge-Ready-NY).

## **Make Cigarette Butts Part of Your Cleanups**

Littered cigarette butts: besides being ugly to look at, they are hazardous to our kids, pets, wildlife, and gardens. 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/>.

## **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. Profits from sales put people to work! Check out [www.reuseaction.com](http://www.reuseaction.com), call the store at 716-894-3366, or stop by 980 Northampton Street.

## **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 vehicles have the potential to achieve life-cycle GHG emissions reductions needed to meet Paris Agreement goals.

## **Revised Plant Hardiness Zone Map**

Another sign of climate change, the U.S. Department of Agriculture has released a new version of the Plant Hardiness Zone Map. While we can't grow coffee and bananas here, some parts of Western New York are in new zones reflecting our warming climate. Check it out [here](#).

## **New York Great Lakes Shore Viewer**

DEC's [Great Lakes Program](#) has launched the [New York Great Lakes Shore Viewer](#), an interactive map that allows users to explore approximately 850 miles of New York's Great Lakes shorelines, including Lake Erie, the Niagara River, Lake Ontario, the St. Lawrence River, and many of the larger embayments. The viewer includes coastal oblique aerial imagery of the NY Great Lakes shorelines collected annually by citizen volunteers with the Civil Air Patrol – NY Wing in partnership with the DEC. Routinely updated and publicly accessible coastal oblique imagery is intended to support state resilience programs, promote ecosystem-based shoreline management, and assist with shoreline change monitoring.

## **The Buyer's Guide to Induction Cooktops**

With the push for electrification and moving away from natural gas, some homeowners are exploring using Induction Cooktops. Induction is gaining steam for its precise temperature control, superior safety, and speedy cooking times, though different cookware is needed. without using fossil fuels. For more information on how they work and their benefits, as well as upcoming rebate programs, check [here](#).

## **Fido Fabric?**

Chiengora could be the ultra-sustainable luxury fabric. This yarn spun not from wool but from dog hair -- say it is ultra-sustainable and softer than cashmere, and some are collecting dog hair from groomers to weave into fabrics. Undercoat from long-haired dogs works best, and studies have found chiengora is warmer than wool and hardier than camel hair. Read [more](#).

## **New Plastic Biodegrades in Seawater**

Researchers at the University of Tokyo have developed a new, innovative plastic material that is both stronger and stretchier than current popular plastics. The new material can also self-heal scratches when warmed, is partially biodegradable and remembers complex shapes that can be restored when heated. Their research is published in the journal [ACS Materials Letters](#).

## **Purina Recycles Challenge: Pet Owners Do Your Part**

The Purina Recycle challenge invites pet owners to film a “trick shot” of them banking a pet food can into the recycling bin and share on Instagram and/or TikTok with the hashtag #PurinaRecyclesChallenge. The company will donate \$10 for every original post and \$1 for every like, share or comment on those posts to The Recycling Partnership to support recycling education and infrastructure across the United States. The campaign will run through **Dec. 15**.

## **Make the Most of Your Deer: Venison Donation Opportunities Available**

Each year, [DEC partners with the Venison Donation Coalition and Feeding New York State](#) to help provide food for those in need. Through a cooperative relationship involving the New York State Department of Health, non-profit organizations like Feeding New York State's regional food banks and deer processors, hunters contribute nearly 40 tons of venison each year to families in need across the state! There are many ways hunters can help feed others! If you'd like to learn how you can support these programs or donate venison to help feed local families, visit the [Venison Donation Coalition](#) or [Feeding New York State](#). You can also make a monetary contribution to the Venison Donation Coalition when you purchase your hunting license.

## **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 at the [Connect Kids Grant 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.

## **Updated Excess Food Opportunities Map**

EPA's Excess Food Opportunities Map, first released in 2018, displays facility-specific information for potential generators and recipients of excess food in the industrial, commercial, and institutional sectors, including estimates of excess food for most generators. The map is a useful resource allowing businesses, organizations, and governments to make connections and find opportunities to make the best use of their excess food. It can be used to inform waste management and food recovery decisions at the local level, as well as to identify potential sources of organic feedstock, infrastructure gaps and alternatives to landfilling. Search the [map here](#).

## **Seeking a Career in the Clean Energy Field?**

NYSERDA has paid internship and fellowship programs that can help jumpstart your future in the clean energy field. Check out their programs and resources at <https://www.nyserda.ny.gov/All-Programs/Clean-Energy-Workforce-Development-and-Training/For-Job-Seekers-and-Students>.



## Online Tool to View Earth's Changes

Google Earth Engine's new tool, [Dynamic World](#) was built in collaboration with the nonprofit [World Resources Institute](#). Dynamic World pulls from satellite data to create detailed maps in near real-time. It gives users the ability to zoom in on the planet in 10-by-10 meter squares from satellite images collected every two to five days. Artificial intelligence is used to categorize each pixel into nine classes that range from bare ground to trees, crops, and buildings. The tool allows users to explore and track and monitor changes in these terrestrial ecosystems over time.

## Biomimicry: Copy the Chameleon to Keep Buildings Green

Researchers have devised a new coating that keeps buildings cool in summer and warm in winter by changing color based on current temperature with no energy required. The easy to make coating could save up to 20 percent more energy use per year than previously reported temperature-regulating coatings according to the study. Using a desert chameleon for inspiration, researchers from the Harbin Institute of Technology in China made a temperature-adaptive cooling coating by mixing tiny microscopic capsules into a binder that they can spray or brush onto a metal foil. The microcapsules are filled with polyvinylidene fluoride, a chemical that changes color in response to temperature changes. Laboratory tests showed that the coating begins changing color from dark brown to light grey when it reached 20°C. When it got to 30°C, the now light-colored film reflected up to 93% solar radiation. Read more [here](#).

## Annual Rain Barrel Painting Contest for Schools

To promote education on stormwater issues, Erie County Department of Environment and Planning is sponsoring their annual Rain Barrel Painting Contest. Classes will be provided with a 55-gallon syrup barrel that you will convert into a rain barrel and one rain barrel converter kit. You will need to provide paint primer, brushes, various colors of acrylic paints for your design, and a clear topcoat. The coat of primer is required to provide a good, smooth surface for the paint to adhere to the plastic barrel. You will also be responsible for installing, maintaining, and winterizing the rain barrel. Detailed instructions will be provided. To register (barrels are limited)- **complete the [Registration Form](#)**. Photos of completed barrels are due by **April 1, 2024**.

## Youth as Solutions

Youth as Solutions (YaS) is creating a generation of citizens who are passionate about making a positive impact in their schools and communities by addressing one of these areas of impact: community health, educational equity, and environmental justice. Leadership teams of young people in grades 6-12, along with an adult mentor, apply to be part of one of the [Youth as Solutions](#) areas of impact, where they will participate in a self-paced, hands-on learning experience, identifying and taking action on an issue in their community. Students gain leadership skills, adults receive high-quality service-learning instruction and resources, and youth-adult teams will have the opportunity to connect with peers from across the country who are working on similar areas of impact! Teams receive a grant of \$250-\$1000 and support resources. [APPLY NOW!](#)

## Teacher's and Home-Schooling Resources

<https://thegeep.org/learn/case-studies/ebook> This GEEP e-book *Environmental Education in Action: Learning from Case Studies Around the World* explores the world of environmental education (EE) case studies—studies that reflect the complexity, messiness, beauty, and diversity of EE programs across the planet that strive to create a more sustainable future for us all.

<https://eeepro.naaee.org/resource/monitoring-methane-human-health-and-abatement> students will learn about the climate and human health impacts of natural gas extraction.

[Using the Outdoors as an Extension of Your Classroom](#)- describes the benefits of contact with nature for students and tips developed by a teacher to get students in urban schools closer to nature. The tips start with simple and accessible ways to teach in contact with nature and build up to regular nature immersion days per week.

[Decomposition: Leaf & Soil Collection](#)-Engage your students in figuring out why the amount of leaf litter differs between species in this lesson from the Cary Institute of Ecosystem Studies' School Woodland Biodiversity unit for Grades 6-12. Students will collect and analyze leaf litter data from different trees using a transect and hula hoop/quadrat and will conduct soil nutrient tests on soil samples.

[How to Productively Reframe Eco-anxiety as a Science Communicator or Educator](#)-STEM Teaching Tools Practice Brief 80 addresses eco-anxiety.

[Never Home Alone: The Wildlife of Homes](#)- iNaturalist citizen science project from the Public Science Lab that aims to document the species that live indoors with humans, including but not limited to arthropods. The Classroom Edition webpage includes lessons for students in Grades K-5 to accompany the citizen science project.

[Plant Disease Detectives](#)-students act as detectives to describe common plant diseases and how these communicable plant diseases are spread. The activities are downloadable as Word documents and include case studies for the student "detectives," ages 14-16.

[Our Climate, Our Future Resources by Action for the Climate Emergency](#)-lesson plans and materials for high school students.

[Wayfinder Society](#) has comprehensive sets of FREE and open-source lessons, classroom toolkits, mini-grants, videos, and a Student Hub with 35 Actions for students to complete at home, in school, or in their community.

[Environmental Justice by State](#)- Info on how each state is addressing environmental justice.

[MIT Climate Educator Guides](#) -Flexible, adaptable, and classroom-ready climate change activities. Integrate solutions-oriented climate change education into any high school subject.

[TILclimate Podcast](#)-In 10(ish) minutes, MIT experts cut through the jargon to demystify climate change. Listen to podcast episodes as professional development or classroom assignments.

[MIT Climate Portal](#)-Learn about climate change straight from MIT experts. Read explainers on a wide range of topics in science, technology, and society. Ask your own climate questions.

[NEED website](#) for tons of useful (and free) resources for inquiry-based learning related to energy.

[NEEF SunWise Program](#)- environmental and health education program for K-8 children about sun safety, UV radiation, and stratospheric ozone. The free toolkit includes over 50 cross-curricular, standards-based activities that encourage young people to explore, assess, and understand their natural environment and how it affects their health.

[Data Puzzle: Wind Farms of the Future](#)-middle and high school students analyze and interpret patterns in surface roughness and wind speed across the United States to identify suitable locations for the construction of future wind farms. The resource includes a teacher guide, slide deck, and student worksheet.

[Keeping a Bird Watching Journal](#)-Bird Watcher's Digest shares some encouraging guidelines for keeping a bird watching journal that apply to bird watchers of all ages. Not sure what bird you hear while journaling? Try the [Merlin Bird ID app's](#) Song ID feature to help you identify who's singing.

[NSTA Lesson: How can where you live affect your risk of experiencing asthma?](#)-High school students will gather, read, and evaluate scientific information to investigate why the Bronx, New York City as a whole, and Detroit have higher asthma hospitalization numbers than New York State and Michigan.

[The Equity Compass](#) helps users adopt a social justice mindset when developing and reflecting on their policy and/or practice. View the video on YouTube using the link above and learn more about the project [here](#).

[Inclusive Science Communication Starter Kit](#) is intended to help anyone who communicates with others about STEMM (science, technology, engineering, math, and medicine) to do so in ways that seek and value a wide variety of perspectives, recognize how a person's multiple identities might affect their relationship with STEMM, and yield equitable outcomes that build and sustain trust.

[Earth Day Careers and Teaching Resources Page](#)-Scholastic SUPERSTEM created this collection of articles, videos, and teaching resources for educators and students. Each article showcases a STEM professional who incorporates a passion for protecting Earth in their work.

[Light Pollution Activity from Voyageurs Conservancy](#)-This three-part activity introduces the concept of light pollution, demonstrates its adverse effects, and allows students to investigate mitigation practices. Schedule a virtual lesson with Voyageurs Conservancy to learn about the importance of night sky preservation.

[Do the Rot Thing: A Teacher's Guide to Compost Activities](#)-The activities in the "Do the Rot Thing" guide are hands-on and encourage student exploration and learning. The guide is broken into four main sections: Introductory Activities, Basic Compost Activities, Worm Compost Activities, and Spreading the Word: Students Teaching Composting.

[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. Each video has an accompanying lesson that provides opportunities for students to make sense of the climate change phenomena presented in the videos. In addition each film comes with a community outreach guide offering ideas for hands on involvement.

[Earth@Home!](#) Since our launch in 2020, Paleontological Research Institute has added over 300 pages of information about Earth Science of the United States!

["Plastic Pollution and You,"](#) a 15-lesson curriculum focused on a human-induced threat to the health of New York's marine and freshwater aquatic ecosystems.

[National Geographic: The Circle of Stuff](#)-This lesson for students in Grades 6-8 contains three activities that introduce students to the concept of the circular economy. Students consider the life cycle of their favorite belonging, learn about the full zero-waste hierarchy beyond the Three Rs, and unpack success stories of circular economies

[One Health](#)-Developed by the University of Rochester Medical Center's Life Sciences Learning Center, this series of lessons for grades 9-12 introduce students to the concept of One Health, the connections among human health, the health of animals, and the health of the environment.

[Ocean of Opportunity](#)- for students 9-13 to introduce them to the blue economy.

[Virtual Field Trip: You're the Scientist! Citizen Science, Frogs, and Cicadas](#)-Students in Grades 3-8 can participate in the Nature Conservancy's virtual field trip that centers around the impact of citizen science. The virtual field trip contains a video, teacher guide, and student activities.

[Curriculum with a focus on dogs](#)- includes K-12 material and lesson plans for language arts, math, science and social studies.

[Wicked Plastics Problem](#)- Class exercise on plastics and solutions for undergrads and advanced high school.

[2022 update of the National Marine Ecosystem Status website](#)-The site provides a view of important data - including human actions and needs, so users can get a holistic understanding of how U.S. marine and Great Lakes ecosystems are doing. This is the first year the website provides Great Lakes data. This website is easy enough for High School students to use, yet robust enough to satisfy a discerning researcher.

[Curriculum: Environmental Justice](#)-Dive into practicing environmental justice with your students with this great resource from the [Smithsonian Science Education Center](#). This guide supports students in learning how they interact with their environment, how different communities are impacted by specific environmental issues, and how to look for innovative solutions.

[Climate Change Impacts on Biodiversity](#)-Video and activity.

[Our Beautiful Planet](#)- 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.

[Becoming a Climate Change Educator Toolkit](#)- a back-pocket resource for planning lessons.

“[Climate Solutions, in No Particular Order](#).” is a 30-video playlist of 60-second videos that each addresses an important climate change mitigation strategy.

“[In the Greenhouse](#),” is an 18-video series of 5-15 minute video lessons addressing the science concepts that underlie climate change and opportunities to take action.

[Plastic Pollution and You](#)-NYSG's "Plastic Pollution and You" is a 126-page, 15-lesson curriculum focused on a man-made threat to the quality of New York's marine and freshwater aquatic ecosystems.

[Additional resources](#)

## Contests, Fellowships and Awards

[Margaret A. Davidson Graduate Fellowship](#)-two-year fellowship program provides the opportunity for graduate students to conduct collaborative research at one of the 30 national estuarine research reserves. Through a research project, fellows address a key reserve management need to help scientists and communities understand coastal challenges that may influence future policy and management strategies. Deadline: **December 4**.

[Green Chemistry Challenge Awards](#) - Companies, individuals, academic institutions (including state and tribal universities), non-profit and not-for profit organizations and their representatives are eligible for Green Chemistry Challenge Awards for outstanding or innovative source reduction technologies. Applications due **December 8**.

[ecoAmerica American Climate Leadership Awards for High School Students](#)- to recognize and reward the high school students at the forefront of climate action and advocacy work! ecoAmerica is providing \$125,000 in prizes for high school students, clubs, classes, teacher-sponsored programs, and student-led nonprofits working to make progress at the local level. Deadline: **December 15**.

[2024 President's Environmental Student & Teacher Awards](#)- The awards recognize outstanding environmental stewardship projects from students in Grades K–12 that promote environmental awareness and encourage community involvement, as well as Grade K–12 educators who integrate environmental education and place-based learning into school curricula and school facility management across the country. Deadline: **January 15, 2024**.

[2024 Project Green Schools Outdoor Classroom Challenge](#) - develop and implement a meaningful outdoor classroom and learning space. Schools compete for a Grand Prize of \$10,000 to further enhance or create a new space. All U.S.-based schools Pre-K – 12 are eligible to apply. Schools should submit a formal write-up, proposed budget, and design of their outdoor learning classroom/space by **January 19th**.

[Battelle Climate Challenge](#)-Students in Grades 9-12 in the United States are invited to research past and future impacts of climate-related hazards and develop a proposed action to help build a more resilient community. Five winners will receive STEM grants of \$1,500-5,000 for a US nonprofit organization, public library, or public school; the grand prize winner will also present their poster in Washington, DC. Deadline: **January 19**.

[Sign up for the Slingshot Challenge](#)- The National Geographic Society, with support from the Paul G. Allen Family Foundation, is asking 13-18-year-olds to submit a 1-minute video describing their idea for solving environmental issues. From cleaning our air to reviving our ocean, we believe that no problem is unsolvable and that great ideas come from all places. Deadline: **February 1, 2024**.

[Sea Grant Knauss Fellowship Program](#) -for eligible graduate students (Masters; Ph.D., or J.D.) who have an interest in ocean, coastal, and Great Lakes resources and in the national policy decisions affecting those resources. The program, which is sponsored by the National Oceanic and Atmospheric Administration's (NOAA) [National Sea Grant College Program](#), matches highly qualified graduate students with "hosts" in the legislative branch, executive branch, or appropriate associations / institutions located in the Washington, DC area, for a one-year paid fellowship. Deadline: **February 15, 2024**.

[Youth Awards Program for Energy Achievement](#)- Youth Awards projects are energy outreach activities that are student-driven and student-run. Students work together to plan and track their goals, meet timelines, complete activities and outreach, document their hours of work, and create partnerships. They document their learning by taking and cataloging photos, letters, work samples, and other media. Students evaluate their efforts and successes, and will submit a digital project (by April 15, 2024) summarizing their project goals, activities, and accomplishments. The project is a simple 15-slide digital slideshow that showcases goals of projects, activities completed, and results achieved! Deadline: **April 15**.

## Grant and Scholarship Opportunities

[Grants to Cut Harmful Diesel Engine Emissions](#)-EPA is soliciting applications nationwide for projects that significantly reduce diesel emissions and exposure, especially from fleets operating at goods movements facilities in areas designated as having poor air quality. Applicants may request funding to upgrade or replace older diesel-powered buses, trucks, marine engines, locomotives and nonroad equipment with newer, cleaner technologies. Priority for funding will also be given to projects that engage and benefit the health of local communities already overburdened by air pollution, protect grant funded investments from severe weather events caused by climate change, and applicants that demonstrate their ability to promote and continue efforts to reduce emissions after the project has ended. Deadline: **December 1, 2023**.

[Margaret A. Davidson fellowship](#) brings a graduate student to conduct research at the Hudson River National Estuarine Research Reserve to address a key coastal management question. The annual stipend for a Margaret A. Davidson fellow is \$41,000 for research and travel, and equipment and supply budget of approximately \$7,000. Deadline: **December 4**.

[2023-2024 Mutual of Omaha's Wild Kingdom College and University Grant Program](#)- Faculty or staff, 18 years of age and older, from any college or university within the U.S. are eligible to apply. Applications are invited from faculty and staff in all disciplines and are not limited to environmental studies, wildlife biology, etc. for support on campus and community projects for habitat support. \$7,500 to \$10,000 grant awarded. Deadline: **December 15**.

[T-Mobile Hometown Grant Program](#) -T-Mobile awards up to \$50,000 for shovel-ready projects that foster local connections, like technology upgrades, outdoor spaces, the arts & community centers. Nonprofit & community leaders from small towns with population less than 50,000 can apply. Deadline: **December 31**.

[The Xerces Society](#) offers annual awards to support students pursuing educational research in Lepidoptera conservation. This year, the awards will be \$10,000 each, with two awards available. We're investing in the future of our planet and our field by sponsoring the next generation of butterfly and moth conservationists. Deadline: **January 7, 2024**.

[2024 Farm to School Grant Request](#)- Each grant will help implement farm to school programming that increases access to local food in eligible schools, connects children with agriculture for better health, and inspires youth to consider careers in agriculture. Deadline: **January 12, 2024**.

[FACT Fund-a-Farmer Grants](#)-Food Animal Concerns Trust (FACT) awards competitive grants up to \$3,000 to working, independent farmers who raise beef cattle, bison, broiler chickens, dairy cows, ducks, geese, goats, laying hens, pigs, sheep, and/or turkeys. Grants are offered to improve or expand pasture and pursue or maintain animal welfare certification. Applications are due **January 15, 2024**.

[Urban and Community Forestry Grants](#)- Applicants may apply for funding under two categories, Community Forest Management Plan Implementation (\$10 million) and Ash Tree Management (\$2.9 million). The maximum request is \$500,000 per application and no match is required. All projects must take place in disadvantaged communities  
Deadline: **January 21, 2024**.

[EPA Offers Schools Funding for Green Buses](#)- 2023 Clean School Bus Rebate Program plans to award at least \$500 million in funding for school districts interested in replacing their older school buses with cleaner alternatives. Selectees may also be eligible for tax credits. Deadline: **Jan. 31, 2024**.

[NOAA's Great Lakes Bay Watershed Education and Training \(B-WET\) Program for Indigenous Communities](#)- supports environmental and place-based educational programs in the Great Lakes watershed and is seeking applications for projects that provide [Meaningful Watershed Educational Experiences](#) for youth that incorporate Indigenous Traditional Ecological Knowledge. Deadline: **February 29, 2024**, by 11:59 PM ET.

[Climate Pollution Reduction Grants](#)-limited to projects that are directly related to the development, updating, or evaluation of state, local, tribal or territorial plans to reduce climate pollution. The funds can be used for staffing and contractual costs necessary to develop the deliverables identified in the document, planning and implementing meetings, workshops, and convenings to foster collaboration among and between levels of government, the public, and key stakeholders. Lastly, the funds can be used for outreach and education for stakeholders and members of the public.  
Deadline: **April 1, 2024**.

[Community Change Grants](#)- EPA funding to support community-driven projects that build capacity for communities to tackle environmental and climate justice challenges, strengthen their climate resilience, and advance clean energy. **Rolling** awards until Deadline: **November 21, 2024**.

[Critical Material Innovation, Efficiency and Alternatives](#)-designed to conduct a program of research, development, demonstration, and commercialization to develop alternatives to critical materials, to promote their efficient production and use, and ensure a long-term secure and sustainable supply of them. **Rolling until funding allocation**.

[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**

[The Story of Stuff Project Grassroots Grant Program](#)- BIPOC-led groups focusing on water privatization, plastic pollution, or environmental justice projects that are campaign-focused, community driven, and serve communities of color can receive up to \$5,000. Deadline: **Quarterly**

[Community Heart & Soul Seed Grant](#) - The Community Heart & Soul Seed Grant Program provides \$10,000 in funding for resident-driven groups in small cities and towns to start the Community Heart & Soul model. Grant funding requires a \$10,000 cash match from the participating municipality. Deadline: **Ongoing**

[Amber Grants for Women](#)-funds for women's businesses. Deadline: **Ongoing with monthly and quarterly funding**.

[Groundswell Grants for Black Buffalo](#)- 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. Deadline: **Rolling**.

[Kauffman Foundation Grants](#)-The Kauffman Foundation accepts new ideas and innovative project submissions throughout the year. They support ideas and solutions designed to improve education, boost entrepreneurship, and help communities and individuals thrive. Deadline: **Rolling**.

[The Story of Stuff Project Grassroots Grant Program](#)-BIPOC-led groups focusing on water privatization, plastic pollution, or environmental justice are encouraged to apply. We support projects that value local community involvement and organizing, creative interventions, strategic thinking, and both defensive “fight-back” and offensive solutions-focused projects. Deadline: **Rolling**

[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. 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](#) is designed to connect New York State students with nature and history. Each grant reimburses up to \$40 per student (and \$80 for Special Education students) for 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**

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

[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**.

[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**.

[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).

[Youth Pollinator Gardens Grant](#)- up to \$200 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.

[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**.

[Food Waste Grants](#) –reimburses businesses that generate over one ton of food waste per week to offset cost of select technologies and equipment that reduce or divert that food waste from landfill or incineration. Projects must reduce and/or divert wasted food at a NYS business including, but not limited to, supermarkets, restaurants, and hospitals. 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**.

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

[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**.

[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.

[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.**

[Youth Outdoor Equity Leadership Fund](#)- The Children & Nature Network invites young leaders between the ages of 16 and 30 to request up to \$500 to grow professionally as a leader in the movement or to implement projects that create change in equitable access to nature, community health and well-being, and justice. Deadline: **Ongoing.**

## **Employment and Internship Opportunities**

[Lead Executive Director: Wyoming CCE](#)- Deadline: **January 4.**

[Mined Land Reclamation Specialist/Trainee](#)- Deadline: **December 6.**

[Forest Ranger 2](#)- Deadline: **December 6.**

[Assistant Environmental Engineer or Trainee, Air Resources](#)-Deadline: **December 13.**

[Professional Engineer-Buffalo](#), DEC-Deadline: **December 13.**

[EcoVerde Organic Compost Driver/Laborer](#)- Full-time & Part-time available

[Animal Care-Part time/temp](#)- Erie County SPCA

[Educational Farm Associate/Part-time](#)- Erie County SPCA

[Veterinary Assistant: Lipsey Clinic](#)- Erie County SPCA

[LISC AmeriCorps](#)-Applications are due by **December 15<sup>th</sup>**.LISC AmeriCorps members can do everything from financial counseling and job placement, housing development and foreclosure prevention, COVID community response and support, and safety and justice. LISC AmeriCorps members serve an important, three-fold purpose: members serve with organizations to spearhead valuable projects; they engage local residents in the revitalization of their own neighborhoods; and they develop skills, experience and insight into community development and the profound value of service. LISC AmeriCorps is a valuable talent pipeline for community economic development and is an onramp for people with lived experience to secure good jobs. LISC AmeriCorps equips emerging leaders with the skills to effect long-term community-based change.

[Conservation District Technician](#), Genesee County Human Resources

[Good Food Buffalo Coalition Director](#) – Deadline: Until Filled.

[Events Coordinator: NYS Network for Youth Success](#). Deadline: Until filled.

[Workforce Development Coordinator: Coalition for Economic Justice](#). Deadline: Until filled.

[Community Energy Project Coordinator: Erie County Dept. of Environment and Planning](#). Deadline: Until filled.

[Forestry Foreperson: Buffalo Olmsted Parks Conservancy](#)

[Park Foreperson: Buffalo Olmsted Parks Conservancy](#)

[Climate Justice Fellow - 12-Month Appointment](#)

[Environmental Scientist/Wetland Scientist](#)

[Executive Director](#)-Genesee Land Trust. Open until filled.

[Reinstein Woods AmeriCorps](#): NYS Department of Environmental Conservation's Reinstein Woods is seeking an enthusiastic person to serve in a 10-month AmeriCorps position. Open until filled.

[Buffalo Farm to School Americorps Positions](#)- **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](#)- 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.

[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.

[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

[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](mailto:cm933@cornell.edu) or [info@nyshemlockinitiative.info](mailto: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, and tree.

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

[Record Your Squirrel Observations](#)-People of all ages are encouraged to contribute to Project Squirrel, a citizen science project that has been operating since 1997. Join Project Squirrel by recording squirrel observations, sharing squirrel stories, sharing squirrel photos, or contributing data to an experiment using food patches.

[Quercus Quest](#)- is investigating how this exchange of genetic material allows oaks to adapt to new environments, and how oaks then shape the populations of insect and fungal species that depend on them. Your data collected as part of this campaign will be used to understand the relationship between climate and leaf and flowering phenology in eastern white oak, bur oak, and their relatives.

[Other Citizen Science Programs](#)

## Upcoming Community Activities:

### Friday, December 1

**What's Bugging You First Fridays**-12 to 12:30pm virtual presentations on practical solutions to pest problems. In this monthly virtual series, we'll explore timely topics to help you use integrated pest management (IPM) to avoid pest problems and promote a healthy environment where you live, work, learn and play. What is IPM? It's a wholistic approach that uses different tools and practices to not only reduce pest problems, but to also address the reasons why pests are there in the first place. Each month, our speakers will share practical information about how you can use IPM. Details and registration information can be found at:

<https://nysipm.cornell.edu/whats-bugging-you/first-friday-events/>. Topic is **Houseplant IPM/Firewood pests**.

**Birds, Boots and Brews**- 6 to 9pm at Pearl Street Brewery. Join Buffalo Audubon and Outside Chronicles for socializing and a photo auction.

### Saturday, December 2

**Erie County Parks Golf History Seminar**-10am at [Grover Cleveland Golf Course - Clubhouse](#). Join Ranger Nikki for a history seminar about your Erie County Park Golf Courses! Learn about Grover Cleveland and Elma Meadows past, present and future in this presentation! [Register for Erie County Parks Golf History Seminar ~ Grover Cleveland Golf Course ~](#)

**Olmsted Parks Invasive Species Volunteer Work**- Delaware Park, 9am to noon. For more information and to sign up, visit [www.bfloparks.org/volunteer](http://www.bfloparks.org/volunteer) or reach out to Munson at [Kristie@bfloparks.org](mailto:Kristie@bfloparks.org).

**Garden Education series at Graycliff**-10:30am. A new Garden Education Series is being held by [Graycliff](#), home to historic gardens designed by Frank Lloyd Wright with contributions from Ellen Biddle Shipman, pioneering landscape architect. Each session will run 60 to 90 minutes. The series will be held at the Graycliff Estate, 6472 Old Lakeshore Rd., Derby. The cost is \$30 per gardener and \$20 for Graycliff members. Space is limited to 15 participants per session. Topic is Winter Plant Identification. [Info to register.](#)

**Stroll at the Falls Series**-02:00 PM - 03:30 PM at [Niagara Falls State Park](#). This weekly series will have a different theme each week covering topics from natural sciences to history and industrialization! Registration Required on [Eventbrite.com](#).

**All Day Tiff Trails Adventure**-9:30 AM - 2:30 PM. Ready to hike almost ALL of Tiff's Trails in a single day? Grab your day pack and a comfortable pair of shoes to be guided on almost every trail at Tiff. We'll walk through woodlands, wetlands, and grasslands. Bring your own lunch for a 30-minute break in the Center. This tour is for guests with the endurance to walk all day at a casual pace on a few miles of mostly flat but some sloped trails. Ages 12+, \$15 per person\*, [Tickets](#).

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

**WNY Young Birders Club**- 2pm – 4pm at Buffalo Museum of Science, 1020 Humboldt Pkwy, Buffalo, NY WNYBC members will enjoy a special open house look at the avian collections at the Buffalo Museum of Science (Join today at <https://www.wnybc.org/join!/>)! All BMS guests can learn more about the WNYBC and participate in bird-themed trivia challenges! Join the WNYBC for a trivia contest in the Sparks classroom on the 3rd floor between Yum! and In Motion from 3:30-4pm!

**Reptiles in Winter** -10:00AM - 11:30AM at Beaver Meadow Nature Center . Want to find out what reptiles do in winter? Bring your family and join us for a short nature walk to chat about where snakes and turtles go in winter! Then, we'll have a meet-and-greet with our educational reptiles, drink some hot cocoa, and do a craft! Meet inside the Nature Center. All ages welcome. Children 2 and under are free. [Register](#)

**Eclipse Training**- 10am to noon at Beaver Meadow Nature Center. [Register here](#)-if 5 people don't sign up, you will be notified on Friday.

**Owl Prowl: Members Only**-7:00pm-9:00pm at The Park School of Buffalo, Amherst. Join us for a two-part program at The Park School of Buffalo exclusively for Earth Spirit members. The first part will take place indoors as we learn about The Spark Bird Project and owl ecology with a special guest from Canisius University, Jennifer Lodi-Smith, Phd. The second will be spent outdoors calling and searching for owls and other nocturnal wildlife. Please dress for the weather and bring a flashlight if you need one. [REGISTER](#)

### Sunday, December 3

**Introduction to Geo-Caching**-10:00 AM - 11:30 AM at [Niagara Falls State Park](#). Learn how to use a handheld Global Positioning System (GPS) unit, then find hidden clues to solve nature mysteries. Registration required on [Eventbrite.com](#).

### Monday, December 4

**Great Lakes Action Agenda Sub Basin Work Groups**-1 to 4pm at Tiff Nature Preserve, 1200 Fuhrmann Blvd. We are excited to announce that dates and locations have been set for the Great Lakes Action Agenda Sub Basin Work group meetings. These work groups are being held in each of New York's Great Lakes Sub Basins to offer opportunities for stakeholders to learn, connect, and coordinate to support implementation of [New York's Great Lakes Action Agenda](#), which was recently updated in 2023.

**Clean Air's Annual Grassroots Fundraising Training**-Join us either online or in-person at our office at 371 Delaware Avenue from 5:30-7pm for our Annual Grassroots Fundraising Training! Whether you attend to supercharge your efforts to raise funds for Clean Air's End of Year Appeal or for your other fundraising goals, we hope to see you there – [please click here to register.](#)

## Tuesday, December 5

**Imagine Lecture Series-** 12:30 to 1pm. [Zoom link](#). Theme: “[IMAGINE Greater Buffalo](#) as a Premier Cultural & Nature Center: Imagine Place-based Lifelong Learning”.

**Climate Resilience for an Aging Nation-** 1:00 ET webinar. From heat waves to hurricanes to floods, it is older adults – people aged 65 or older – who are most likely to die during natural disasters. And by 2034, the U.S. will have more people over 65 than under 18. The country is not prepared to meet the needs of older adults in the face of an increasing number of disasters fueled by a changing climate. Danielle Arigoni uplifts the often-ignored needs of older Americans in her new book *Climate Resilience for an Aging Nation*. Arigoni outlines how to create safer, more livable communities in a changing world by integrating aging considerations into community planning and disaster preparedness efforts. Danielle will discuss the unique needs of older adults and how to meet the challenges they face through new planning approaches, including an age-friendly process and a planning framework dedicated to inclusive disaster recovery. She’ll highlight case studies of age-friendly resiliency in action. [Register for "Climate Resilience for an Aging Nation"](#)

**Free Online Educator Workshop: Exploring Ocean Mysteries-Register now:** 6:30-8:00 pm ET. The lessons connect Ocean Literacy with NGSS using the [Ocean Literacy Handbook](#), particularly the Ocean Literacy Framework, which is made up of the [Ocean Literacy Guide](#), the [Ocean Literacy Scope and Sequence for Grades K–12](#) and the [Alignment of Ocean Literacy to the Next Generation Science Standards \(NGSS\)](#).

## Wednesday, December 6

**GBNRTC Planning and Coordinating Committee (PCC) Meeting-**9:30am *meeting will be broadcast live for public viewing on GBNRTC's Facebook Page [facebook.com/GBNRTC](https://facebook.com/GBNRTC)*. Discussion of transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#). PCC meetings are usually held the first Wednesday of every month (see our [event calendar](#) for specific times and locations).

**Behind-The-Scenes Collections Tours: Geology Rocks!-** 6:00 PM - 7:30 PM. *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. Ages 18+, \$30 per participant\*. [Register.](#)

**Sci-Night: Oxidizing Ornaments-** 6:00 PM - 7:30 PM. Buffalo Science Museum. Transform seasonal ornament materials into metallic works of art with reactive chemicals. Get inspired by iron, bronze, and copper metalworks of the past while learning about chemical processes. Limited space available. Ages 18+, \$30 per participant\*, [Register.](#)

**Public Information Session by NYSEERDA for Home Energy Rebate Programs-** 9 to 11am virtual. NYSEERDA will hold a virtual public information session to gather input on the proposed programs for New York’s implementation of the federal [Inflation Reduction Act’s \(IRA\) Home Energy Rebate programs](#): the Home Efficiency Rebates (HER) Program and Home Electrification and Appliance Rebates (HEAR) Program. [Register.](#)

**Free Online Educator Workshop: Exploring Ocean Mysteries-** [Register now:](#) 8:30-10:00 pm ET. The lessons connect Ocean Literacy with NGSS using the [Ocean Literacy Handbook](#), particularly the Ocean Literacy Framework, which is made up of the [Ocean Literacy Guide](#), the [Ocean Literacy Scope and Sequence for Grades K–12](#) and the [Alignment of Ocean Literacy to the Next Generation Science Standards \(NGSS\)](#).

**Brains & Grains: Explore Buffalo Trivia At Duende-**6pm. \$10, Duende at Silo City, 85 Silo City Row, Buffalo NY 14203. Register at <https://explorebuffalo.org/events/brains-grains-explore-buffalo-trivia-at-duende/>

## Thursday, December 7

**GObike’s annual Solstice Soirée!-** ([Purchase tickets here.](#)) We will be in the brand new, BEAUTIFUL West Side Bazaar at 1432 Niagara Street with plenty of room to welcome more guests than ever before! 6 - 9 PM (remarks at 7:30 PM) to raise a glass to the past year’s successes, look ahead to 2024, and honor those working alongside us to build a happier, healthier region.

**In the Life of Monarchs East of the Rockies: Biology and the Great Migration-** 1:00 PM - 2:00 PM ET Webinar. Dr. Ray Moranz will begin by presenting on the basic aspects of monarch biology, including the life cycle, the use for milkweeds as host plant, the incorporation of cardiac glycosides as a chemical defense, and the vulnerability of this species to various predators, parasites, parasitoids and diseases. However, the heart of the talk will be on monarch migration, and how monarch biology changes in fascinating ways from month to month as they move from one region of North America to another. He will do his best to provide information relevant to people from Saskatchewan to Mexico City, and from Nova Scotia to Cuba, and everywhere in between. He will conclude by talking about some things you can do to help monarchs where you live. [Register.](#)

**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.*

**Tiny Tots: Colors-**10:00 AM - 11:00 AM at [Evangola State Park.](#) Explore the natural world around us! This program will connect children and their parents with nature through short walks, fun activities, and crafts. Parents must stay with their children. Ages 3-5. Registration required on Eventbrite.com. *Registration:* Required.

**Winter seed sowing-**Clarence Public Library 3 Town Place, Clarence, New York. Kathy Contrino, owner of CW Native Plant Farm in Akron, will discuss winter seed sowing 101 at 6:30 p.m. Thursday, Dec. 7 at the Clarence Public Library, 3 Town Place, Clarence. Discover the secrets of growing plants indoors. The event is sponsored by Garden Friends of Clarence.

### Friday, December 8

**Hot Chocolate Hike-** 6:30 PM - 8:00 PM. Bundle-up to enjoy the crisp air and night sky on a guided walk in the woods. Warm-up afterwards indoors with snowflake crafts, holiday music, and delicious hot chocolate with marshmallows, peppermints, chocolate chips and more! Ages 5+, \$10 per person\*, [Register.](#)

**Happy Hour Fundraiser-** 6 to 8pm at Southern Tier Brewing Company, 2072 Stoneman Circle, Lakewood 14750. No registration required, funds raised go to WNY Land Conservancy's efforts to save the Floating Fen in Chautauqua County.

**Buffalo Astronomical Society Meeting-**7pm. [info@buffaloastronomy.com](mailto:info@buffaloastronomy.com)

### Saturday, December 9

**Dare to Repair Café-**11:30am to 2:30pm at North Park Library, 975 Hertel Ave., Buffalo. This is a popup community event where you can bring a broken item and work with a team of fixers to try and repair the item for free. The goal is to share repair skills, save money, and keep things in circulation and out of the landfill for as long as possible. Not all fixers can make every event, so registering ahead of time helps ensure there is someone who can fix your item. [Register.](#)

**Olmsted Parks Invasive Species Volunteer Work-** Cazenovia Park, 9am to noon. For more information and to sign up, visit [www.bfloparks.org/volunteer](http://www.bfloparks.org/volunteer) or reach out to Munson at [Kristie@bfloparks.org](mailto:Kristie@bfloparks.org).

**Not a Creature was Stirring-** 10am. Take a guided walk to learn about how local wildlife get ready for the long winter season. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**Winter Woof Walk-** 10:00 AM - 12:00 PM at [Knox Farm State Park.](#) Enjoy 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. Registration required on [Eventbrite.com.](#) *Registration:* Required

**Knot-So-Fast-**10:00 AM - 11:00 AM at [Niagara Falls State Park.](#) Practice tying knots that are useful for camping and other outdoor activities! Registration required on [Eventbrite.com.](#) *Registration:* Required.

**Woofs and Waterfalls-**11:00 AM - 01:00 PM at [Niagara Falls State Park.](#) Enjoy 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. Registration required on [Eventbrite.com.](#) *Registration:* Required.

**Stroll at the Falls Series**-02:00 PM - 03:30 PM at [Niagara Falls State Park](#). This weekly series will have a different theme each week covering topics from natural sciences to history and industrialization! Registration Required on [Eventbrite.com](#). *Registration: Required.*

**Holiday Houseplants**-10:30 to 11:30am on-site at the Botanical Gardens in the Administration Building \$25 per Person, \$22.50 per Member, *Pre-registration required - Registration Closes December 6.* [register](#)

**Winter Fest**- 9am to noon at Buffalo Central Terminal 495 Paderewski Drive, Buffalo. “Winter Fest” Buffalonians embrace the beautiful winter weather with fun activities—ice sculpture contest, sledding, hot chocolate, festive activities, holiday lights, and music.

**Eclipse Training**- 10am to noon at Beaver Meadow Nature Center. [Register here](#)-if 5 people don’t sign up, you will be notified on Friday.

**Wildlife Winter Wonderland**- 6 to 9pm. Join the Citizen Coalition for Wildlife and Environment at the Alt Nature Center. The walkable displays will include holiday-themed nature scenes and wildlife educational displays! Inside the holiday-decorated schoolhouse there will be free craft-making appropriate for all ages, including wildlife ornaments and woodland animal decorations. There will be wildlife and nature-themed gifts to purchase – perfect stocking stuffers! – and hot cocoa and cookies! Wear your boots, dress for the weather, and come to engage in festive foofaraw while learning how wildlife survive and thrive in winter time! Alt Nature Center, located at 2489 Whitehaven Road, Grand Island, NY 14072. For info and to RSVP- <https://www.facebook.com/events/677439817859746/677439824526412/>.

**Chestnut Ridge Conservancy Annual Meeting**-12pm at the Casino. Open to the public. [Info](#).

**Saturday Sweep: Volunteer Opportunity**- 10am to noon. Buffalo Maritime Center | 90 Arthur St, Buffalo, NY 14207. Join us and help as we get our shop ready for the winter and make improvements to the infrastructure in our facility. If you are a service group interested in participating in future Saturday Sweeps please reach out to [Edward@BuffaloMaritimeCenter.org](mailto:Edward@BuffaloMaritimeCenter.org)

**Winter Tree ID** -10:00AM - 12:00PM at Beaver Meadow Nature Center . Join us to learn how to identify trees in the winter time! We'll first go over tree anatomy and using a dichotomous key, and then we'll head outside to practice identifying trees on a walk. Plus, we'll have hot cocoa and coffee to keep warm! Meet inside the Nature Center. Tickets are required. [Register](#).

**Winter Wreath Making**- 1:00PM - 2:30PM at Beaver Meadow Nature Center. Enjoy a cozy afternoon of crafting and hot cocoa! Use natural and craft materials to make some fun winter wreaths, and get creative with our craft supplies buffet! Meet upstairs in the nature center. Materials provided. All ages welcome. [Registration required](#).

## **Sunday, December 10**

**Winter Insects**- 10am at [Emery Park - Parking lot near baseball field](#). Join Ranger Stephanie at Emery Park and learn about how our six-legged friends survive the winter. We will explore facts about our local species, discuss how winter active insects tolerate the cold, and go looking for these insects to see them in action! [Register for Winter Insects ~ Emery Park ~](#)

**Winter Waterfowl Walk**-10:00 AM - 11:30 AM at [Evangola State Park](#). Winter is coming! Enjoy a leisurely bird walk to see migrating waterfowl on Lake Erie. Beginners are welcome. Registration required on [Eventbrite.com](#). *Registration: Required.*

**Nature Swap!**- 2:00 PM - 4:00 PM. Tiff Nature Preserve. Drop by for a hands-on investigation of our WNY animal and plant specimen collection. Bring your own natural “found” items to test our identification skills or leave your item(s) on the swap table to trade and take home a new one! All ages, \$8 per person\*, [Register](#)

## Monday, December 11

**Christmas Tree Book Craft**-Make a beautiful tree out of a recycled book! Program for adults, call 716-542-2327 to register. 6:30pm - 8:00pm at Newstead Public Library.

**Master Gardener & 4H Lunch & Learn: Vermicompost**- 12:00 PM - 12:30 PM. Join Master Gardeners and 4H for a lunch & learn short intro on vermicomposting. Come learn how worms reduce our food waste and turn it into rich organic matter for your garden. Adult & Kid friendly! Join us in-person or via zoom! In-person: 28 Parkside Drive Ellicottville. Zoom link: <https://cornell.zoom.us/j/94595157055?pwd=alFzL1J...> Register [https://reg.cce.cornell.edu/wormcompost\\_258](https://reg.cce.cornell.edu/wormcompost_258)

**Webinar for New York State School Bus Incentive Program (NYSBIP)**- 3 to 4pm. The New York School Bus Incentive Program (NYSBIP) provides public school districts, and bus operators that contract with them, incentives to make clean buses and the associated charging infrastructure more affordable, reduce pollution, and bring cleaner air to communities, particularly those that are underserved to meet New York State's climate and clean energy goals. [Register.](#)

## Tuesday, December 12

**Imagine Lecture Series**- 12:30 to 1pm. [Zoom link.](#) Theme: “[IMAGINE Greater Buffalo](#) as a Premier Cultural & Nature Center: Imagine Place-based Lifelong Learning”.

**Scinight: Nature Spa Night** -7:00 PM - 8:30 PM. Be inspired by the scents and sensations of nature! We'll create mini homemade spa treats using essential oils, herbs, and scrubs while relaxing through guided mindfulness activities indoors. Ages 18+. \$20 per person\*. [Register.](#) Buffalo Science Museum.

**Toddler Time: Winter Animals**- 10:30AM - 11:30AM at Beaver Meadow Nature Center. Join Naturalist Shelby Green for some winter fun at the Beaver Meadow Nature Center! Enjoy story time before heading out on a short winter hike. Then warm up with hot cocoa and do a hibernation craft! Ages 2-4. [Registration is required.](#) \$10 per child.

## Wednesday, December 13

**Behind-The-Scenes Collections Tours: Cabinet of Curiosities**-6:00 PM - 7:30 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! Ages 18+, \$30 per participant\*, [Register.](#)

**WNY Sustainable Business Roundtable's Holiday Party**-5:00 to 7:30pm at Duende at Silo City. Join us for an evening of networking with great company, complemented by delicious food, drinks, and festive music. Please feel free to invite potential members to share in the festive spirit. We encourage attendees to wear their best festive holiday sweaters—whether thrifted, upcycled, or sustainably crafted. And as an extra incentive: the person with the best festive holiday sweater will be awarded with an autographed replica Buffalo Bills jersey! Please [register](#) by Friday, December 8th. Duende at Silo City, 85 Silo City, Buffalo, 14203. Cost: FREE for Members, \$15 for Non-Members.

**Soil Health Workshop and Meeting**-WNY Soil Health Alliance. For info: [wnysoilhealth@gmail.com](mailto:wnysoilhealth@gmail.com) Stafford Volunteer Fire Department Meeting Hall located on route 5 in Stafford. 10:00 am - 3:30 pm. Registration and coffee will be open at 9:30 am. Meeting will be both in person and virtual. A Zoom link to the virtual presentations will be provided before the event. [Registration and info.](#) \$25 before 12/8, \$35 at door, \$10 virtual.

## Thursday, December 14

**Science in the Virtual & Actual Pub** -meets on the second and fourth Thursday of the month at 7:00 pm Eastern. Most sessions are fully virtual. For registration and link, visit <https://www.priweb.org/event/science-in-the-virtual-pub>. Topic: Sharing field study of the end-Cretaceous mass extinction: Making a virtual fieldwork experience, Dr. Robert Ross, Associate Director for Outreach, The Paleontological Research Institution.



**Green Drinks-** Join others to network and enjoy conversation with environmental folks at 5:30pm at Belt Line Brewery at 545 Swan St, Buffalo, NY 14204. The event is also listed on [Facebook](#) and on the [Green Drinks webpage](#).

**It Only Takes A Few Bucks: How Deer Are Reshaping Our Natural Habitat-**6:00 PM - 7:30 PM. White-tailed deer are important and influential native wildlife to our region. Join us for an indoor presentation on deer population impact upon our native plant and animal species with time for a group discussion. Ages 18+, FREE\*, [Register](#).

**East Side Environmental Forum-**5:30 to 7pm, hosted by New York State Department of Environmental Conservation. This is a space hosted by NYS DEC where residents can raise and discuss environmental concerns in their neighborhood and work towards solutions with our environmental regulators. Buffalo Frank E. Merriweather Jr. Library, 1324 Jefferson Ave. To join virtually, or for more information, please contact Kayla Baker ([kayla.baker@dec.ny.gov](mailto:kayla.baker@dec.ny.gov)) or call 716-541-9631.

**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.*

**Nuclear Energy Unveiled-**A three-part webinar series: **First Up Gen III+ Reactors** -11am. [Register](#).

**BMC Speaker Series: Maid of the Mist-** 6pm at BriarBrothers Brewing Company - 50 Elk St, Buffalo, NY 14210. [Maid of the Mist](#) hit the waters of the mighty Niagara in 1846 with a twin-stack sidewheel steamboat. In 1885, the boats evolved to singlestack steamers that ventured closer to the Horseshoe Falls than any boat ever had before. In 1955, the first modern Maid of the Mist boat entered the river, made of steel and powered by twin diesel engines. Today, there are two zero-emission vessels used to transport visitors to and from the majesty that is Niagara Falls. Join Chris McKay and John Sicinski of the Maid of the Mist as they discuss the history of the boat and the operation in place today and answer questions about this cultural icon. For tickets/info- <https://buffalomaritimecenter.org/events/>

#### Friday, December 15

**Wish Upon A Shooting Star-**09:00 PM - 11:00 PM at [Fort Niagara State Park](#). On a cool, crisp night, take in the stars as we search for the largest meteor shower of the year – the Geminids! Registration required on [Eventbrite.com](#).

#### Saturday, December 16

**Olmsted Parks Invasive Species Volunteer Work-** South Park, 9am to noon. For more information and to sign up, visit [www.bfloparks.org/volunteer](http://www.bfloparks.org/volunteer) or reach out to Munson at [Kristie@bfloparks.org](mailto:Kristie@bfloparks.org).

**Armchair Birding-**10am. Enjoy an indoor birding experience as we identify feeder birds while sipping hot drinks. We'll also learn how to collect data for Project FeederWatch. For adults and children ages 12 and older. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**A Golden Christmas Bird Count-**10:00 AM - 12:00 PM at [Golden Hill State Park](#). Take part in the Christmas Bird Count! Hike to the famous light house while looking for overwintering birds. Bird watchers of all skill level are welcome! Registration required on [Eventbrite.com](#).

**Behind-The-Scenes Collections Tours: Geology Rocks!-** 11:00 AM - 12:30 PM. *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. Ages 18+, \$30 per participant\*, [Register](#).

**Niagara Falls – Wreath Making-** 10:00 AM - 11:30 AM at [Niagara Falls State Park](#). Create your very own Niagara Falls inspired wreath perfect for the winter season. Materials and wreath frames will be provided. You are more than welcome to bring your own decorations and craft supplies. Registration required on [Eventbrite.com](#).

**Stroll at the Falls Series**-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). This weekly series will have a different theme each week covering topics from natural sciences to history and industrialization! Registration Required on [Eventbrite.com](#).

**Hot Chocolate Hike**-6:30 PM - 8:00 PM. Bundle-up to enjoy the crisp air and night sky on a guided walk in the woods. Warm-up afterwards indoors with snowflake crafts, holiday music, and delicious hot chocolate with marshmallows, peppermints, chocolate chips and more! Ages 5+, \$10 per person, [Register](#).

**Eclipse Training**- 10am to noon at Beaver Meadow Nature Center. [Register here](#)-if 5 people don't sign up, you will be notified on Friday.

**Winter Birding**- 10:00am-12:30pm at Beaver Island Marina, Grand Island. Learn birding skills as you embark on a quest to find winter birds along the beautiful Niagara River and its surrounding habitats. Winter waterfowl will be the focus of this program, but we will not be excluding any other birds we come across! This program is for birders of all skill levels. Please dress for the weather! Binoculars will be provided. [Register](#)

**Wildlife Winter Wonderland**- 6 to 9pm. Join the Citizen Coalition for Wildlife and Environment at the Alt Nature Center. The walkable displays will include holiday-themed nature scenes and wildlife educational displays! Inside the holiday-decorated schoolhouse there will be free craft-making appropriate for all ages, including wildlife ornaments and woodland animal decorations. There will be wildlife and nature-themed gifts to purchase – perfect stocking stuffers! – and hot cocoa and cookies! Wear your boots, dress for the weather, and come to engage in festive foofaraw while learning how wildlife survive and thrive in winter time! Alt Nature Center, located at 2489 Whitehaven Road, Grand Island, NY 14072. For info and to RSVP- <https://www.facebook.com/events/677439817859746/677439824526412/>.

### Sunday, December 17

**Evangola – Wreath Making**- 10:00 AM - 11:30 AM at [Evangola State Park](#). Create your very own Niagara Falls inspired wreath perfect for the winter season. Materials and wreath frames will be provided. You are more than welcome to bring your own decorations and craft supplies. Registration required on [Eventbrite.com](#).

**Tiny Tots – Winter Wonderland**- 10:00 AM - 11:00 AM at [Evangola State Park](#). Explore the natural world around us! This program will connect children and their parents with nature through short walks, fun activities, and crafts. Parents must stay with their children. Ages 3-5. Registration required on [Eventbrite.com](#).

### Monday, December 18

**Poinsettia exhibit at the Botanical Gardens: Dimensions**-10am to 4pm, included with admission. Take a break from the cold and step into the warm embrace of the conservatory of the Buffalo and Erie County Botanical Gardens, 2655 South Park Avenue, Buffalo. Featuring thousands of brilliant poinsettias, from Christmas Joy Reds to Princettia Pure Whites, the colors of the season are sure to brighten your mood.

### Tuesday, December 19

**Imagine Lecture Series**- 12:30 to 1pm. [Zoom link](#). Theme: “[IMAGINE Greater Buffalo](#) as a Premier Cultural & Nature Center: Imagine Place-based Lifelong Learning”.

### Wednesday, December 20

**Poinsettia exhibit at the Botanical Gardens: Dimensions**-10am to 4pm, included with admission. Take a break from the cold and step into the warm embrace of the conservatory of the Buffalo and Erie County Botanical Gardens, 2655 South Park Avenue, Buffalo. Featuring thousands of brilliant poinsettias, from Christmas Joy Reds to Princettia Pure Whites, the colors of the season are sure to brighten your mood.

### Thursday, December 21

**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.*

**Pelion Outdoor Cookie Exchange-** 5-7:30pm for merriment and COOKIES! Our 3rd [Pelion Outdoor Cookie Exchange](#) is open to everyone! Bring 2 dozen; take home a cookie platter. There will be hot cocoa on the camp stove, cider, singing, door prizes, and other surprises. Holiday sweaters, puppers, alumni, and grammas are always welcome too! We've created a cookie [sign up](#) just to limit too many duplicate dozens and get a general headcount. *No time to bake?* Please bring bags of marshmallows, cocoa packets, a jug of coffee, water, milk, cider, candy canes, or other festive treats.

#### **Friday, December 22**

**Poinsettia exhibit at the Botanical Gardens: Dimensions-**10am to 4pm, included with admission. Take a break from the cold and step into the warm embrace of the conservatory of the Buffalo and Erie County Botanical Gardens, 2655 South Park Avenue, Buffalo. Featuring thousands of brilliant poinsettias, from Christmas Joy Reds to Princettia Pure Whites, the colors of the season are sure to brighten your mood.

**Poinsettias after dark at the Botanical Gardens-** 5:00 pm – 9:00 pm. The sparkling lights of the holidays are bringing a whole new dimension to this year's Poinsettia Exhibit. This Poinsettia Exhibit After Dark will be presented on select evenings in November and December. Go to: <https://www.buffalogardens.com/collections/events/products/poinsettias-after-dark-dimensions> for the complete list of dates, more information and E-tickets.

#### **Saturday, December 23**

**124th Annual Christmas Bird Count at Beaver Meadow Nature Center-**8:00 AM to 12:00 PM. Join Buffalo Audubon and fellow birdwatchers for this annual holiday tradition! Participants can count on foot at Beaver Meadow, Ghost Pond, Rose Acres or by car across the designated Christmas Bird Count circle. This free yearly event is great for beginners and birders of all skill levels! [Sign up for the Christmas Bird Count](#)

**Olmsted Parks Invasive Species Volunteer Work-** South Park, 9am to noon. For more information and to sign up, visit [www.bfloparks.org/volunteer](http://www.bfloparks.org/volunteer) or reach out to Munson at [Kristie@bfloparks.org](mailto:Kristie@bfloparks.org).

**Stroll at the Falls Series-**2:00 PM - 03:30 PM at [Niagara Falls State Park](#). This weekly series will have a different theme each week covering topics from natural sciences to history and industrialization! Registration Required on [Eventbrite.com](#).

**Winter Family Nature Walk** -10:30am. Explore for signs of animals on this walk in the woods. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**Poinsettias after dark at the Botanical Gardens-** 5:00 pm – 9:00 pm. The sparkling lights of the holidays are bringing a whole new dimension to this year's Poinsettia Exhibit. This Poinsettia Exhibit After Dark will be presented on select evenings in November and December. Go to: <https://www.buffalogardens.com/collections/events/products/poinsettias-after-dark-dimensions> for the complete list of dates, more information and E-tickets.

#### **Sunday, December 24**

**Poinsettia exhibit at the Botanical Gardens: Dimensions-**10am to 4pm, included with admission. Take a break from the cold and step into the warm embrace of the conservatory of the Buffalo and Erie County Botanical Gardens, 2655 South Park Avenue, Buffalo. Featuring thousands of brilliant poinsettias, from Christmas Joy Reds to Princettia Pure Whites, the colors of the season are sure to brighten your mood.

#### **Monday, December 25** **Happy Holiday!**

#### **Tuesday, December 26**

**Poinsettia exhibit at the Botanical Gardens: Dimensions-**10am to 4pm, included with admission. Take a break from the cold and step into the warm embrace of the conservatory of the Buffalo and Erie County Botanical Gardens, 2655 South Park Avenue, Buffalo. Featuring thousands of brilliant poinsettias, from Christmas Joy Reds to Princettia Pure Whites, the colors of the season are sure to brighten your mood.

### Wednesday, December 27

**Family Full Moon Walk**-6:30pm. Enjoy a peaceful evening looking for winter animals under the light of the full moon. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**Solar Eclipse Safety Training**-1:00 PM - 2:00 PM at the Buffalo Science Museum. The April 8, 2024 Total Solar Eclipse is coming in a few short months! Our communities will need as many trained volunteers as possible when the eclipse arrives. This hands-on workshop will teach you how to view the eclipse without the danger of damaging the eyes or affecting vision. We will discuss how the eclipse will unfold in detail so that you can guide others as to what to expect and how to prepare. A variety of safe eclipse viewing methods will be explained and demonstrated. No preregistration necessary, seats will be available until capacity is reached. Recommended for ages 12+, FREE with admission.

### Thursday, December 28

**Winter Wildlife Snowshoe Walk**-10:30am. Search for signs of animals while using snowshoes. We will walk if there is no snow. \$10 per person, \$7 for Friends members. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**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, December 29

**Art in the Park :Wooden Winter Trees**-1:00 PM - 02:30 PM at [Evangola State Park](#). Enjoy a seniors (62+) program to create your very own unique nature inspired art in the park! Registration required on [Eventbrite.com](#).

**Cabin Fever: Craft Day**-2:00 PM - 03:00 PM at [Niagara Falls State Park](#)  
Get out during the colder months and join us in the community room to make a few new crafts! Registration required on [Eventbrite.com](#).

### Saturday, December 30

**Evangola Christmas Bird Count**- 10:00 AM - 11:30 AM at [Evangola State Park](#)  
Join us on our annual Evangola Christmas bird count! We will be birding as a group. Both veteran and beginner birders welcome. Registration required on [Eventbrite.com](#).

**Stroll at the Falls Series**-02:00 PM - 03:30 PM at [Niagara Falls State Park](#)  
This weekly series will have a different theme each week covering topics from natural sciences to history and industrialization! Registration Required on [Eventbrite.com](#).

**Eclipse Training**- 10am to noon at Beaver Meadow Nature Center. [Register here](#)-if 5 people don't sign up, you will be notified on Friday.

**Family Nature Quest: Winter Wildlife**-10:30am. Look for signs of who is out and about in the winter woods. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

### Sunday, December 31

**Knox Christmas Bird Count**- 10:00 AM - 11:30 AM at [Knox Farm State Park](#). Join us for our annual Knox Christmas bird count! We will be birding as a group. Both veteran and beginner birders welcome. Registration required on [Eventbrite.com](#). *Registration: Required.*

### Monday, January 1

**First Day Hike**-10am. Ring in New Year's Day with a hike led by a DEC Forest Ranger who will discuss how to prepare for any outdoor adventure. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

### Wednesday, January 3

**GBNRTC Planning and Coordinating Committee (PCC) Meeting**-9:30am *meeting will be broadcast live for public viewing on GBNRTC's Facebook Page [facebook.com/GBNRTC](#).*

## 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.**

**Contact elected representatives today!** You don't have to be an energy or climate expert to make a difference. [Get their contact info.](#)

- [https://www.govtrack.us/congress/bills/subjects/environmental\\_protection/6038](https://www.govtrack.us/congress/bills/subjects/environmental_protection/6038) provides a listing of federal environmental legislation that is pending.
- <https://legiscan.com/NY/pending/assembly-environmental-conservation-committee/id/365> provides a list of environmental legislation pending for the NY Environmental Conservation Committee.

### Tips for the Environment:

- **Sustainably Decorate for the Season** -Use LED holiday lights and recycle used lights (not in recycle bins, but at home improvement stores), upcycle to make your own decorations including pinecones, leaves and other natural décor. Set a timer for your lights to minimize energy usage.
- **Try some eco-conscious apps-** [Olio](#) allows you to share more and use less, [Good on You](#) rates fashion brands, [Think Dirty](#) has safe household products, [Too Good to Go](#) reduces food waste by connecting restaurants/stores with consumers, [Waterprint](#) tracks water usage and [Oreco](#) has climate technology tools.

### 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. You can also create an account at <https://filemaker.epd-pgh.com/fmi/webd/GreenGuardians> to volunteer with registered organizations.

**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](mailto: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](mailto: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 and [sign up here](#)

**Buffalo ReUse** can use volunteers for many things. To help, contact them at [volunteer@buffaloreuse.org](mailto: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](http://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](mailto: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](mailto: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](mailto:volunteer@habitatbuffalo.org).

**Hawk Creek Wildlife Center** is seeking volunteers who would like to work with wildlife. 16 years or older. Call 716-652-8646. Email [info@hawkcreek.org](mailto: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](http://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](mailto: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](mailto: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.

**Pelion Outdoor Classroom**-Volunteers needed for garden maintenance and youth education. Opportunities for school fieldtrips and intern engagement. <https://www.peliongarden.org/>

**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](http://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 [tiftreservations@sciencebuff.org](mailto:tiftreservations@sciencebuff.org).

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

**WNY Seed Library**- Based in Audubon Library. Contact <https://www.facebook.com/wnyseedlibrary/>

#### **Additional calendars with local events-**

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

<http://buffalorising.com>

<https://boredommd.com/>

#### **Useful Tools:**

Wildlife Rehabilitator Search- [https://www.dec.ny.gov/cfm/xtapps/sls\\_searches/index.cfm?p=live\\_rehab](https://www.dec.ny.gov/cfm/xtapps/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

[Cover Crop Selector](#)-select appropriate cover crops for your site

[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

[Bird Migration Explorer](#) provides migration data

[eBird](#)-record and identify birds that you see

[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](#)

[The ABCs of Soil Health](#)

#### **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/>  
Heirloom Soul Florals: Regenerative Flower Farming- <https://www.heirloomsoul.com/blog-archive>  
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](#)  
Sustainability SmartPod- <https://www.buzzsprout.com/2127930>

### **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>  
Listing of websites-[www.tinyurl.com/SustainabilityAndGreenJobs](http://www.tinyurl.com/SustainabilityAndGreenJobs)  
Green Jobs Board- <https://www.browngirlgreen.com/greenjobs>  
Additional jobs- <https://www2.erie.gov/index.php?q=job-openings-community>  
Green Guardian Environmental Volunteers of Niagara Region- <https://filemaker.epd-pgh.com/fmi/webd/GreenGuardians>  
NOAA Internships- [NOAA Student Opportunities Website](#)



## **Youth Summer/Holiday Camps/Home School Series**

[www.aquariumofniagara.org](http://www.aquariumofniagara.org)

[www.buffaloaudubon.org](http://www.buffaloaudubon.org)

[www.buffalogardens.com](http://www.buffalogardens.com)

[www.buffscience.org](http://www.buffscience.org)

[www.tifft.org](http://www.tifft.org)

[www.buffalozoo.org](http://www.buffalozoo.org)

[www.penndixie.org](http://www.penndixie.org)

[www.yourspca.org](http://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](http://www.grantstation.com)

[www.grantwatch.com](http://www.grantwatch.com)

[www.grantsalert.com](http://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>

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](http://www.fentonsproduce.com)

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

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

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

Food Future WNY- [www.foodfuturewny.org](http://www.foodfuturewny.org)

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/>

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](http://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](http://www.therootdownfarm.com)  
Sinemus Farms- <http://www.sinemusfarms.com/>  
Singer Farms Naturals-[www.singerfarmnaturals.com](http://www.singerfarmnaturals.com)  
Teacup Farm- <http://www.teacupfarm.com/>  
Thorpe's Organic Farm- [www.thorpesorganicfamilyfarm.com](http://www.thorpesorganicfamilyfarm.com)  
Urban Fruits & Veggies- <https://buffalogogreen.org/urban-fruits-veggies/>  
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/](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>

### **Local Businesses with Classes and Workshops**

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

### **Local Tourism promoting Sustainability**

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](http://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](http://www.booksforafrica.org), [www.operationpaperback.org](http://www.operationpaperback.org)  
Bras- [www.donateyourbra.com](http://www.donateyourbra.com),  
Building materials- [www.buffaloreuse.org](http://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/](http://www.donatemyweddingdress.org/), [www.careergear.org](http://www.careergear.org), [www.dressforsuccess.org](http://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  
Contact Lenses and Blister Packs- Bausch & Lomb program with [drop-offs](#) at eye care offices  
Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>,  
Electronics- [www.greenergadgets.org/recycling-responsibly.html](http://www.greenergadgets.org/recycling-responsibly.html), most electronics stores, [www.sunnking.com](http://www.sunnking.com)  
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.  
Envelopes, tyvek- contact us at 1-800-44-Tyvek® or 1-800-448-9835 for more information.  
Eyeglasses- Lions Club <http://donateglasses.net/search.html> for sites accepting donations  
Fishing line: Berkley Recycling, 1900 18<sup>th</sup> 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](http://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](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](http://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](http://NikeReuseAShoe.com), [Souls4Souls.org](http://Souls4Souls.org) and [OneWorldRunning.com](http://OneWorldRunning.com)  
Sports equipment-resell/trade at [www.playitagainsports.com](http://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](http://dmpgreen.com/mail_in.html), [www.buffalony.gov/383/Streets-Sanitation](http://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](http://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](http://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/>  
Community Food Waste Guide- Access the free resource [here](#).  
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](http://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 Cornell.  
[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](#)  
[Recycle Right NY](#)- Resources and info on how to recycle and where you can recycle are shared.

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

Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June	<a href="http://adk-nfc.org/">http://adk-nfc.org/</a>
AIA Buffalo Western NY	<a href="https://www.aiabuffalowny.org/">https://www.aiabuffalowny.org/</a>
Air and Waste Management Association	<a href="https://awmanfs.wildapricot.org/">https://awmanfs.wildapricot.org/</a>
Allegany Nature Pilgrimage	<a href="http://alleganynaturepilgrimage.com/">http://alleganynaturepilgrimage.com/</a>
Alliance for the Great Lakes	<a href="http://www.greatlakes.org">www.greatlakes.org</a>
American Planning Association-WNY Section/Upstate	<a href="http://nyupstateplanning.org/www.wnyapa.com">http://nyupstateplanning.org/www.wnyapa.com</a>
Amherst State Park Arboretum	<a href="http://www.amherststatepark.org/ASP/Welcome.html">http://www.amherststatepark.org/ASP/Welcome.html</a>

Aquarium of Niagara	<a href="http://www.aquariumofniagara.org">www.aquariumofniagara.org</a>
Asha Sanctuary for Rescued Farm Animals	<a href="http://www.ashasanctuary.com/">http://www.ashasanctuary.com/</a>
Aurorans for Climate and Environmental Sense	<a href="https://www.facebook.com/aceseastaurora">https://www.facebook.com/aceseastaurora</a>
AWARE-Assoc. for Wild Animal Rehabilitation & Education	<a href="http://www.awarewildlife.com/">http://www.awarewildlife.com/</a>
Bergen Swamp Preservation Society	<a href="http://www.bergenswamp.org/">http://www.bergenswamp.org/</a>
Birds on the Niagara	<a href="http://www.birdniagara.org/">http://www.birdniagara.org/</a>
Black Rock Riverside Alliance	<a href="https://brralliance.org/">https://brralliance.org/</a>
Bond Lake Environmental & Beautification Committee	<a href="https://www.facebook.com/BondLakePark/">https://www.facebook.com/BondLakePark/</a>
Braddock Bay Bird Observatory	<a href="http://braddockbaybirdobservatory.wordpress.com/">http://braddockbaybirdobservatory.wordpress.com/</a>
Buffalo Architecture Foundation	<a href="http://www.buffaloarchitecture.org/">http://www.buffaloarchitecture.org/</a>
Buffalo Astronomical Association	<a href="http://buffaloastronomy.com/">http://buffaloastronomy.com/</a>
Buffalo Audubon Society/Beaver Meadow Nature Center	<a href="http://www.buffaloaudubon.org">www.buffaloaudubon.org</a>
Buffalo Blueway	<a href="https://buffaloblueway.com/">https://buffaloblueway.com/</a>
Buffalo Central Terminal	<a href="https://buffalocentralterminal.org/">https://buffalocentralterminal.org/</a>
Buffalo Go Green	<a href="https://buffalogogreen.org/">https://buffalogogreen.org/</a>
Buffalo Niagara Community Reinvestment Coalition	<a href="https://www.facebook.com/BNCRC/">https://www.facebook.com/BNCRC/</a>
Buffalo Niagara Gardening	<a href="https://buffalo-niagaragardening.com/">https://buffalo-niagaragardening.com/</a>
Buffalo and Erie County Botanical Gardens	<a href="http://www.buffalogardens.com">www.buffalogardens.com</a>
Buffalo Farm to School Program	<a href="https://www.facebook.com/BuffaloF2S/">https://www.facebook.com/BuffaloF2S/</a>
Buffalo Geological Society	<a href="http://www.bgsny.org">www.bgsny.org</a>
Buffalo Heritage Carousel	<a href="http://buffaloheritagecarousel.org/">http://buffaloheritagecarousel.org/</a>
Buffalo Maritime Center	<a href="http://www.buffalomaritimecenter.org/">http://www.buffalomaritimecenter.org/</a>
Buffalo Museum of Science	<a href="http://www.sciencebuff.org/">www.sciencebuff.org/</a>
Buffalo Niagara Heritage Village	<a href="http://bnhv.org/">http://bnhv.org/</a>

Buffalo Niagara Waterkeeper	<a href="https://bnwaterkeeper.org/">https://bnwaterkeeper.org/</a>
Buffalo Olmsted Parks Conservancy	<a href="http://www.bfloparks.org">www.bfloparks.org</a>
Buffalo Orienteering Club	<a href="https://buffalo-orienteeing.org/">https://buffalo-orienteeing.org/</a>
Buffalo Ornithological Society	<a href="https://www.buffaloornithologicalsociety.org/">https://www.buffaloornithologicalsociety.org/</a>
Buffalo Recycles	<a href="http://buffalorecycles.org/">http://buffalorecycles.org/</a>
Buffalo Urban Development Corp	<a href="http://budc.ecidany.com/">http://budc.ecidany.com/</a>
Buffalo Zoo	<a href="http://www.buffalozoo.org">www.buffalozoo.org</a>
Burchfield Nature and Art Center	<a href="http://www.burchfieldnac.org/">http://www.burchfieldnac.org/</a>
Buffalo Women of Env. Learning/Leadership (BWell)	<a href="https://bwell.community/">https://bwell.community/</a>
Center for the Study of Art, Architecture, History and Nature	<a href="http://buffaloah.com/h/center/index.html">http://buffaloah.com/h/center/index.html</a>
Chautauqua Watershed Conservancy	<a href="http://www.chautauquawatershed.org/">http://www.chautauquawatershed.org/</a>
Chestnut Ridge Conservancy	<a href="http://chestnutridgeconservancy.org/">http://chestnutridgeconservancy.org/</a>
Citizens Campaign for the Environment	<a href="http://www.citizenscampaign.org">www.citizenscampaign.org</a>
Citizens Coalition for Wildlife and Environment	<a href="http://citizencoalitionwe.com/">http://citizencoalitionwe.com/</a>
Citizens for Regional Transit	<a href="http://www.citizenstransit.org/">www.citizenstransit.org/</a>
Clarence Bluebird Trail	<a href="https://1ambluebirdtrail.org/">https://1ambluebirdtrail.org/</a>
Clean Air Coalition of Western New York	<a href="https://www.cacwny.org/">https://www.cacwny.org/</a>
Clean Communities of Western New York	<a href="http://www.ccofwny.org/">http://www.ccofwny.org/</a>
Coalition of Positively Charged People	<a href="https://www.facebook.com/coalitionpositive/">https://www.facebook.com/coalitionpositive/</a>
Community Foundation for Greater Buffalo	<a href="http://www.cfgb.org/">http://www.cfgb.org/</a>
Cooperation Buffalo	<a href="https://www.cooperationbuffalo.org/">https://www.cooperationbuffalo.org/</a>
Cornell Cooperative Extension for Cattaraugus County	<a href="http://cattaraugus.cce.cornell.edu/">http://cattaraugus.cce.cornell.edu/</a>
Cornell Cooperative Extension for Chautauqua County	<a href="http://chautauqua.cce.cornell.edu">http://chautauqua.cce.cornell.edu</a>
Cornell Cooperative Extension for Erie County	<a href="http://erie.cce.cornell.edu/">http://erie.cce.cornell.edu/</a>

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

Field and Fork Network	<a href="http://fieldandforknetwork.com/">http://fieldandforknetwork.com/</a>
500 Women Scientists, Buffalo Chapter	<a href="https://500womenscientistsbuffalo.wordpress.com/">https://500womenscientistsbuffalo.wordpress.com/</a>
Food Future WNY	<a href="http://www.foodfuturewny.org">www.foodfuturewny.org</a>
Foundry	<a href="http://thefoundrybuffalo.org/">http://thefoundrybuffalo.org/</a>
Friends of the Iroquois National Wildlife Refuge	<a href="http://www.finwr.org/">http://www.finwr.org/</a>
Friends of Reinstein Woods	<a href="http://reinsteinwoods.org">http://reinsteinwoods.org</a>
Friends of Sinking Ponds	<a href="https://www.friendssinkingponds.org/">https://www.friendssinkingponds.org/</a>
Friends of Times Beach Nature Preserve	<a href="http://www.friendsoftimesbeachnp.org/">http://www.friendsoftimesbeachnp.org/</a>
Foothills Trail Club	<a href="http://www.foothillstrailclub.org">www.foothillstrailclub.org</a>
Gardens Buffalo Niagara	<a href="https://gardensbuffaloniagara.com/">https://gardensbuffaloniagara.com/</a>
Garden Clubs of WNY	<a href="http://www.gardenclubsofwny.com">www.gardenclubsofwny.com</a>
Genesee County Nature Center	<a href="http://co.genesee.ny.us/departments/parks/inc.php">http://co.genesee.ny.us/departments/parks/inc.php</a>
Genesee County Village & Museum	<a href="https://www.gcv.org/">https://www.gcv.org/</a>
Global Justice Ecology Project	<a href="http://globaljusticeecology.org/">http://globaljusticeecology.org/</a>
Go Bike Buffalo	<a href="http://gobikebuffalo.org/">http://gobikebuffalo.org/</a>
Go Buffalo Niagara	<a href="http://gobuffaloniagara.org">http://gobuffaloniagara.org</a>
Gooseneck Hill Waterfowl Sanctuary	<a href="http://www.gooseneckhillwaterfowlfarm.com">www.gooseneckhillwaterfowlfarm.com</a>
Grassroots Gardens of Buffalo	<a href="http://www.grassrootsgardens.org/">www.grassrootsgardens.org/</a>
Greater Buffalo-Niagara Regional Transportation Council	<a href="http://www.gbnrtc.org/">www.gbnrtc.org/</a>
Greater Buffalo Urban Growers Network	<a href="https://www.facebook.com/greaterbuffalourbangrowers">www.facebook.com/greaterbuffalourbangrowers</a>
Great Lakes Center at Buffalo State College	<a href="http://greatlakescenter.buffalostate.edu/">http://greatlakescenter.buffalostate.edu/</a>
Great Lakes Research Consortium	<a href="https://www.esf.edu/glrc/">https://www.esf.edu/glrc/</a>
Habitat for Humanity	<a href="https://www.habitatbuffalo.org/">https://www.habitatbuffalo.org/</a>
Hawk Creek Wildlife Center	<a href="https://www.hawkcreek.org">https://www.hawkcreek.org</a>



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

New York Interfaith Power and Light	<a href="http://www.newyorkipl.org/">www.newyorkipl.org/</a>
New York League of Conservation Voters	<a href="http://www.nylev.org/">http://www.nylev.org/</a>
New York Power Authority	<a href="http://www.nypa.gov">www.nypa.gov</a>
New York Public Interest Research Group	<a href="http://www.nypirg.org/">http://www.nypirg.org/</a>
New York State Association of Conservation Commissions	<a href="https://nysacc.org/">https://nysacc.org/</a>
New York State Ornithological Association	<a href="http://nybirds.org/index.html">http://nybirds.org/index.html</a>
New York State Outdoor Education Association	<a href="http://nysoea.org/">http://nysoea.org/</a>
New York State Parks	<a href="https://parks.ny.gov/">https://parks.ny.gov/</a>
NYS Association for Reduction, Reuse and Recycling	<a href="https://www.nysar3.org/">https://www.nysar3.org/</a>
New York State Sea Grant	<a href="http://www.seagrantsunysb.edu/">http://www.seagrantsunysb.edu/</a>
New York State Soil and Water	<a href="http://www.nys-soilandwater.org/">http://www.nys-soilandwater.org/</a>
Northeast Sustainable Agriculture Working Group	<a href="http://nesawg.org/">http://nesawg.org/</a>
New York Upstate Chapter of the Green Building Council	<a href="http://www.greenupstateny.org/">http://www.greenupstateny.org/</a>
New York Upstate Chapter, Landscape Architects	<a href="https://www.nyuasla.org/">https://www.nyuasla.org/</a>
New York State Wetlands Forum	<a href="http://www.wetlandsforum.org">http://www.wetlandsforum.org</a>
Niagara County Farm Bureau	<a href="http://www.niagaracountyfarmbureau.com/">http://www.niagaracountyfarmbureau.com/</a>
Niagara County Landfill and Recycling	<a href="http://www.rethinkyourwaste.com/">http://www.rethinkyourwaste.com/</a>
Niagara County Parks	<a href="http://www.niagaracounty.com/Parks/">http://www.niagaracounty.com/Parks/</a>
Niagara County Soil and Water Conservation District	<a href="http://www.niagaraswcd.com">www.niagaraswcd.com</a>
Niagara Fishing Expo	<a href="http://niagarafishingexpo.com/">http://niagarafishingexpo.com/</a>
Niagara Frontier Botanical Society	<a href="http://NiagaraFrontierBotanicalSociety.org">Niagara Frontier Botanical Society</a>
Niagara Outfitters	<a href="https://niagaraoutfitters.com/">https://niagaraoutfitters.com/</a>
Niagara River Anglers Association	<a href="https://www.facebook.com/Niagara-River-Anglers-1013633888708865/">www.facebook.com/Niagara-River-Anglers-1013633888708865/</a>
Niagara River Greenway Commission	<a href="https://www.niagararivergreenway.com/">https://www.niagararivergreenway.com/</a>

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

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

Vision Niagara	<a href="http://visionniagara.org/">http://visionniagara.org/</a>
Voice-Buffalo	<a href="https://voicebuffalo.org/">https://voicebuffalo.org/</a>
Western Chapter New York Water Environment Association	<a href="http://nywea.org/">http://nywea.org/</a>
WNY Native Plants Collaborative	<a href="https://www.wnynativeplants.org/">https://www.wnynativeplants.org/</a>
Western New York AmeriCorps (Service Collaborative)	<a href="http://www.tscwny.org/">http://www.tscwny.org/</a>
Western New York Earth Day	<a href="http://www.wnyearthday.org/">http://www.wnyearthday.org/</a>
Western New York Environmental Alliance	<a href="http://www.wnyea.org">http://www.wnyea.org</a>
Western New York Family Nature Club	<a href="http://lthibault.wixsite.com/wnyfamilynatureclub">http://lthibault.wixsite.com/wnyfamilynatureclub</a>
Western New York Herpetological Society	<a href="https://www.facebook.com/wnyherpsociety">https://www.facebook.com/wnyherpsociety</a>
Western New York Land Conservancy	<a href="https://www.wnylc.org/">https://www.wnylc.org/</a>
WNY Mountain Bike Association	<a href="http://www.wnymba.org">http://www.wnymba.org</a>
WNY Nursery and Landscape Association (PLANT WNY)	<a href="http://www.plantwny.com/">http://www.plantwny.com/</a>
WNY Partnership for Invasive Species Mgmt (PRISM)	<a href="http://www.wnyprism.org">www.wnyprism.org</a>
WNY Permaculture	<a href="http://www.facebook.com/WNY-Permaculture-1098493876841295/">www.facebook.com/WNY-Permaculture-1098493876841295/</a>
WNY Raptor Center	<a href="http://Wnyraptor.com">Wnyraptor.com</a>
Western New York Science Teachers	<a href="http://www.westernstanys.com/">http://www.westernstanys.com/</a>
WNY Seed Library	<a href="https://www.facebook.com/wnyseedlibrary/">https://www.facebook.com/wnyseedlibrary/</a>
Western New York Soil Health Alliance	<a href="http://www.wnysoilhealth.com">www.wnysoilhealth.com</a>
WNY STEM	<a href="http://wnystem.org/">http://wnystem.org/</a>
Western New York Stormwater Coalition	<a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>
Western New York Sustainable Business Roundtable	<a href="http://www.wnysustainablebusiness.org/">http://www.wnysustainablebusiness.org/</a>
WNY Peace Center Renewable Energy Task Force	<a href="https://www.wnypeace.org/">https://www.wnypeace.org/</a>
WNY Weather Society	<a href="http://www.facebook.com/amswnychapter">www.facebook.com/amswnychapter</a>
WNY Young Birders Club	<a href="https://www.wnyybc.org/events">https://www.wnyybc.org/events</a>

West Valley Citizen Task Force

[www.westvalleyctf.org](http://www.westvalleyctf.org)

Wild Kritters

<http://www.wildkritters.com/>

Wild Spirit Education

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

World on your Plate

<https://www.facebook.com/worldonyourplate/>