

Enviro-News

November, 2023

Sponsored by Daemen University's Global & Local Sustainability Department

Newsletter Contents:

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

Articles:

30 x 30 Biodiversity Discussion

Please join the Western New York Environmental Alliance and member groups for a 30 x 30 discussion at the Buffalo Science Museum on **November 11th** from 10am to noon. The United Nations, the Federal Government and the State of New York have all signed an initiative they are calling **30x30**, that is, we are responsible for protecting 30% of our ecologically functioning land and water by 2030. This is an intermediate goal in reaching the 50x50 goal that scientists have set as a requirement. Our goal is to outline what our community can do to engage in the 30x30 campaign. Please invite your friends. For more info visit our web page at: www.wnyea.org or Facebook page at: www.facebook.com/wnyea.org.

WNY Sustainable Business Summit: Sustainable Accounting

The 2023 Sustainable Business Summit on **November 14** is where sustainability professionals will connect in a powerful in-person event. This year's theme is "**Sustainability Accountability: Transforming Knowledge to Action**". Key highlights of the event include a keynote address by Eric Corey Freed, Principal and Director of Sustainability at CannonDesign. The summit is structured with four distinct engagement session tracks, each aimed at inspiring attendees and providing them with actionable sustainability strategies. Join us to listen, learn and exchange ideas on sustainability trends and the changes your business faces. Get inspired, more connected and better equipped to make meaningful progress during this decade of action! The event is November 14 from 11am to 5:30pm at Wayland Brewing Company. [Register and info.](#)

Green Drinks

Join others to network and enjoy conversation with environmental folks at 5:30pm on **Thursday, November 9th** at The Public House of Buffalo at 1206 Hertel Ave, Buffalo, NY 14216. The event is also listed on [Facebook](#) and on the [Green Drinks webpage](#).

Hops N' Rocks 2023

Penn Dixie's annual fundraiser is back! Join us in-person on **Friday, November 17th at 6 pm** at [Ilio DiPaolo's](#) for an evening of dinner, drinks, live music, and fossil fun! The event features a buffet style dinner, a 2-hour open bar (includes house beer, pop, wine) and a fundraiser raffle & auction. All proceeds from Hops N' Rocks go towards our educational programming, allowing us to continue providing hands-on natural science experiences to our visitors, schools, and communities! [Tickets.](#)

Niagara County Residents: Waste Events Available

For upcoming household hazardous waste (hhw) events, paper shredding or a voucher program for hhw, visit and **register** at <https://www.rethinkyourwaste.com/events>. The next event is **Saturday, November 4** from 9am to noon at 758 Erie Ave., North Tonawanda.

Buffalo Shredding and Clothing Recycling Drive

A free Buffalo paper shredding and clothing recycling drive will be held **November 11** from 9am to noon at Front Park, enter on Porter Ave. Visit www.buffalorecycles.org for info.

New York Forest Owners Association Regional Conference

NY Forest Owners Association is pleased to invite all the forest owners and enthusiasts of the Western NY Region to the first ever NYFOA Regional Conference on **November 4 from 8am to 4:30pm. Registration required by November 2 for this free conference.** We have put together an exciting group of speakers that will be presenting on Bear of NY, Planting for Pollinators, NY Forestry Issues & Opportunities, Forest Carbon Markets for Private Landowners, Estate Planning for Forest Owners. Lunch will be provided. We hope to see you there. You can [register online](#). **Location is Pioneer High School, 12125 Countyline Rd, Yorkshire, NY. 14173.**

Pumpkin Recycling

A local partnership with NOCO & Farmer Pirates has set up several collection sites throughout the region to capture material for *their* bulk compost. It's important to note that most sites *are only accepting pumpkins 3-5NOV*. So, if one site is close to you, follow that deadline [see link for list](#). If you have other organic fall décor- **corn stalks, straw bales, jack-o-lanterns, pumpkins, and bagged leaves**, these will be accepted by Pelion Outdoor Classroom from 31OCT-30NOV. We prefer to receive the materials by Veterans Day to complete our soil rebuilding preparations but the most important thing is that materials are set in the driveway or behind our gate. Please follow the signage and avoid leaving anything on the sidewalk. Items dropped off at Pelion Garden at 212 Best St, Buffalo, NY 14209 will be recycled at Pelion for next growing season.

Buffalo Audubon Trip to Algonquin Park

Join Buffalo Audubon from **January 13-15, 2024** on a birding trip to Algonquin Park. Search for boreal birds such as Canada Jay and Spruce Grouse with Buffalo Audubon Naturalist Tom Kerr. Enjoy Canadian wildlife, with possible sightings of moose, wolves, and pine martens. Daily hiking distances will be up to 5 miles. January temperatures in Algonquin Park range from 30 degrees Fahrenheit to negative 20 degrees Fahrenheit so proper outdoor winter gear is required. **Registration due by Friday, December 1st, 2023.** [Trip Info](#) and [Registration form](#).

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 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 or call our HHW Hotline at (716) 858-6800.

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.

Interested in the Future of Food and Agriculture in Western New York?

The New York Sustainable Agriculture Working Group and Food Future WNY has established multiple working groups on food and agriculture. If you are hearing about Food Future WNY for the first time, visit the website [here](#) to watch one (or all!) of our Working Group information session recordings. If you would like to participate in a group, we ask that you please fill out a short survey with your contact information, availability, and communication preferences. Kimberly LaMendola, Chief Program Officer at NYSAWG, will be in contact with additional information about our work once completed.

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.

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 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>.

NYSAR³ Annual Conference & Trade Show

NYSAR³ (New York State Association for Reduction, Reuse and Recycling) Annual Conference is planned for **November 14-16, 2023**, held in Cooperstown, NY. For more details visit: <https://www.nysar3.org/page/annual-conference-23.html>.

Help Wheels for Workers Provide Transport for Re-settling Families

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

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.

Tree City, Tree Campus, and Tree Line Applications Opening Soon!

Applications for the Arbor Day Foundations' recognition programs will be opening in September! Now is the time to prepare your application materials and double check that your community or organization has fulfilled all the requirements of the program. Applications are due no later than December 1, 2023. Your local DEC urban forester is available to support your tree programs and to assist with your application. Visit the DEC website for [info](#).

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.

Environmental Concerns? 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.

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.

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.

A New Exotic Pest in NY: The Elm Zigzag Sawfly

The elm zigzag sawfly (*Aproceros leucopoda*) is an insect that only eats elm leaves and can cause severe defoliation (leaf loss) that threatens tree health. They get their name from the easily recognizable “zigzag” feeding pattern larvae create as they chew through leaves. However, when most of the tree's leaves have been eaten, the zigzag pattern may not always be as clear because larvae will eat all the leaf tissue down to the vein. To [learn more about the elm zigzag sawfly](#)

Make Cigarette Butts Part of Your Cleanups

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

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 nyscrda.ny.gov/Charge-Ready-NY.

Winter Wildlife Excursion to Yellowstone National Park

From **December 8, 2023-December 17, 2023**, you can join Earth Spirit for an adventure. Experience Winter in Yellowstone through the eyes of experienced Naturalist Educators. This trip will be full of wildlife viewing opportunities and activities in this unique and historic location. Guests will be staying in one of two beautiful lodges just outside of the park where two gourmet meals per day will be prepared by our leaders and shared with the group. The focus of the trip is wildlife, and guests will be provided with Swarovski spotting scopes and led to viewing hot-spots throughout the Excursion experience in order to locate and view the animals each day. For info, visit <https://earthspiritedu.org/excursions/winter-wildlife-excursion/>

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.

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.

Continued Funding for Buffalo River Restoration

Erie County will receive \$2,522,950 to support continued efforts to restore and revitalize the Buffalo River. The funding, awarded under the U.S. Environmental Protection Agency (EPA), will build on work transforming Western New York waterways. The Buffalo River was one of 43 locations within the Great Lakes region identified in the 1980s as an “Area of Concern.” In recent decades federal investments have been made to address industrial contamination and restore habitat and water quality. Erie County will use the grant to support Buffalo River Area of Concern project management; river sediment, habitat and wildlife restoration; and related public outreach.

Technology to Breakdown Key Component in Disposable Diapers

An estimated 300,000 diapers are disposed of each minute worldwide. Due to the multiple components, recycling has been a challenge. Scientists have recently developed a technique to use ultraviolet light and water to break down the superabsorbing polymers in the diapers. Using this process and developing ways to separate the superabsorbing compounds may lead to reducing our major plastic pollution issues. Read [more](#).

Survey on Mushroom-based Soil Remediation Strategies

Grassroots Gardens and the University at Buffalo are conducting a survey on mycelium-based (mushrooms) soil remediation strategies, and participants who are Buffalo residents will **receive a \$10 giftcard** while supplies last. [Click here to fill out the survey!](#)

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.

Ultrasound Technique May Help Eliminate PFAS from Groundwater.

New research suggests that ultrasound may have potential in treating a group of harmful chemicals known as PFAS (per- and poly-fluoroalkyl substances) to eliminate them from contaminated groundwater. Exposure to these chemicals can cause cancer and other human health issues. Researchers at The Ohio State University have developed a technique that uses ultrasound which emits low-pitched pressure waves that compress and pull apart the solution creating pockets of vapor bubbles. The high temperatures within these tiny bubbles break down the stable carbon-fluorine bonds of PFAS. The method is costly and energy intensive, but may lead to new directions in treating water for these chemicals. Read [more](#).

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 feedstocks, 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.nyserdera.ny.gov/All-Programs/Clean-Energy-Workforce-Development-and-Training/For-Job-Seekers-and-Students>.

Help Track Spotted Lanternfly

[Spotted lanternfly \(SLF\)](#) is an invasive pest that feeds on a variety of plants including grapes, hops and maple trees, posing a severe threat to New York State's forests and agriculture. SLF was first found in PA in 2014, and [several populations have since been found in NY](#), including Buffalo as of September 2022. SLF's preferred host plant, tree-of-heaven (TOH), is already found in New York State. Help survey for SLF and TOH by picking a location, surveying it 2-3 times throughout 2023 and reporting your observations. Visit the [NY iMapInvasives website](#) to learn about the project and sign up for a grid on the map to monitor.

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](#).

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 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

[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 STEM (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 STEM, 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

[International Compost Awareness Week Poster & Video Contest](#)- The selected winners' design and video will receive a cash prize and the poster will be used to promote International Compost Awareness Week around the U.S. Submit your poster design or video by **November 1, 2023**.

[Endangered Species Essay Project](#)-Students in grades 3-12 are invited to participate in an essay contest as part of the 50th Anniversary of the Endangered Species Act. Submissions are open now through **November 1, 2023**.

[2024 Best of Green Schools Awards](#)-co-presented with the [Green Schools National Network](#), celebrate the leaders, individuals, schools, campuses, and organizations advancing our shared vision of green schools. If you or someone you know made significant strides toward creating more sustainable schools in the 2022-2023 school year, we want to hear from you. You are welcome to submit nominations for yourself or others. Deadline: **November 17**.

[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**.

[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**.

Grant and Scholarship Opportunities

[Toshiba America Foundation Education Grants](#)- awards grants to support innovative STEM educational programs. Middle school and high school teachers can apply for grants > than \$5,000. Deadline: **November 1, 2023**.

[Invasive Species Grant Program](#)-NYSDEC is providing funding designed to advance projects that target aquatic and terrestrial invasive species across the state. There are six funding categories that address: invasive species spread prevention; early detection and rapid response; research; management planning; and education and outreach. Deadline: **November 1**.

[HFFI Partnerships Program](#) expands the national HFFI program with \$30 million in available awards to invest in local capacity and capital to establish and grow public-private partnerships, including partnerships involving cooperatives and cooperative development organizations. Deadline: **November 3, 2023**.

[Environmental Education \(EE\) Local Grant Program](#). EPA will award grants in each of EPA's 10 Regions, between \$50,000-\$100,000 each, for a total of 30-40 grants nationwide. Through this grant program, EPA intends to provide financial support for projects that design, demonstrate, and/or disseminate environmental education practices, methods, or techniques, that will serve to increase environmental literacy and encourage behavior that will benefit the environment in local communities, especially underserved communities. Applications are due **Nov. 8, 2023**.

[EJ4Climate grant program](#) addresses the theme “Community empowerment strategies to improve resilience to extreme weather events in urban settings” and applicants can submit proposals up to C\$200,000. Deadline: **November 9**

[Lorrie Otto Seeds for Education Grant](#)- provide up to \$500 in funds designated for acquiring native plants and seeds. Projects can include pollinator gardens, rain gardens to improve water quality, tallgrass prairies, monarch waystations, sensory and natural playgrounds, and more! Deadline: **Nov. 15**.

[Volunteer Fire Assistance Grant Funding](#) -DEC is now accepting applicants for \$976,622 in Volunteer Fire Assistance grant funding to help rural fire departments protect public safety and natural resources. The Volunteer Fire Assistance grant program is funded by the U.S. Forest Service and administered by DEC Forest Rangers. Fire departments will receive 50/50 matching funds up to \$2,500. Only expenses directly related to wildland firefighting suppression efforts are eligible for funding. The application deadline is **November 15**.

[Transformational Habitat Restoration and Coastal Resilience Grants](#)-The National Oceanic and Atmospheric Administration (NOAA) has announced that \$240 million is available for habitat restoration and coastal resilience projects under the Bipartisan Infrastructure Law and Inflation Reduction Act. The grants will support efforts such as reconnecting rivers to their historic floodplains, outplanting corals to rebuild reefs, and building living shorelines that protect coasts from erosion and sea level rise. Deadline: **November 17, 2023**.

[EPA Innovative Water Infrastructure Workforce Development Program](#)- funding for 6 project areas that targeted internships apprenticeships for skilled water utility trades, education programs designed for elementary, secondary, and higher education students, regional industry and workforce development collaborations to hiring qualified candidates, leadership development, occupational training, mentoring, or cross-training programs that support career advancement, education and training programs designed for decentralized (septic) water workers to support public health for communities that rely on private wells for drinking water or septic systems, training and development for workforce development programs that reduce greenhouse gas emissions and other air pollutants to benefit disadvantaged communities. Deadline: **November 17**.

[ReFed Catalytic Grant Fund](#)- Funding for Solutions for food waste for restaurants. **Letters of Intent are due at 11:59 pm Eastern on November 20, 2023**. Full proposal deadline: January 8, 2024.

[Climate Ready Workforce for Coastal States, Tribes, and Territories Initiative](#) funding opportunity-NOAA envisions making between 10-20 awards to establish programs aimed at training people for and connecting them with good jobs related to climate resilience and assisting employers in developing a 21st century workforce that is climate literate, informed by climate resilience, and skilled at addressing consequent challenges. This opportunity is open to state, tribal, territorial and local governments, institutions of higher education, and non-profit organizations in coastal states or territories. **Letters of Intent are due at 11:59 pm Eastern on November 30, 2023**. Final submission due Feb. 13, 2024.

[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**.

[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**.

[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**.

[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**.

[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**.

[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 of 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**.

[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**.

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

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

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

[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

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

[Natural Resources Educator](#)-Cornell Cooperative Extension of Niagara County. Deadline: **November 28**.

[Animal Services Consultant](#)- Erie County SPCA

[Facilities Attendant](#)- Erie County SPCA

[Humane Ed Program Specialist, Full Time](#)- Erie County SPCA

[Humane Ed Program Specialist, Per Diem](#) - Erie County SPCA

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

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

[STEAM Coordinator: NYS Network for Youth Success](#). 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](#)

[Director of Communications](#)- Buffalo Niagara Heritage Village

[Director of Development](#)-Buffalo Niagara Heritage Village

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

[Community Outreach Specialist - Full-Time](#)-Go Bike Buffalo

[Environmental Scientist/Wetland Scientist](#)

[GOBIKE](#): Two Paid Education Interns in Erie And Niagara County.

[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

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

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

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

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

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

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

[Caterpillars Count](#)

[Bumblebee Watch](#)

[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:

Wednesday, November 1

Olmsted Community Alliance Public Meetings – 6:00 to 7:30pm, , 84 Parkside Ave, Buffalo, NY 14214.

[Learn more and RSVP](#)

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*. 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).

Webinar: Composting Garden and Landscaping Organics in Fall-1pm. Composting is undergoing a renaissance. Awareness of the negative impact of food waste in landfills is being met with a surge in regenerative agriculture, soil health initiatives, and organic waste regulations. The result is a boon for composting! In this webinar, Rubicon will review the challenges and solutions involved in successfully composting today and the incredible impact it can have on our communities and ecosystems. Whether you manage a community garden or a home garden, this webinar will provide composting context, inspiration, and practical tips. The webinar will be recorded and available online to all registrants. [Register](#).

Clean Air Coalition North Tonawanda Meeting- from 6-7:30pm at the Herschell Carrousel Factory Museum at 180 Thompson Street in North Tonawanda to hear about updates about Fortistar/Digihost and organizing in 2024! [Be sure to register to help us better plan](#)

Field & Fork Network Open House- 4:00 PM - 7:00 PM EDT, [2495 Main St, Suite 311, Buffalo, NY 14214, USA](#)* Please note, parking and entrance are at the back of the Tri-Main building on Halbert Street.

Thursday, November 2

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.*

Storm response: Before, During and After (In-Person Event) –8:30 a.m. to 2:30 p.m. at Draves Arboretum, Darien, NY. Join NYS ReLeaf's Western and Finger Lakes chapters for a workshop on, "Storm response: Before, During, and After", the first of a two-part series on urban forestry storm response. Registration is \$30 for ReLeaf and NYS Urban Forestry Council members, \$40 for non-members, and includes lunch. More details coming soon, but [register now to ensure your seat](#).

Architecture/Planning Dean's Series- Free. 5 to 6:30pm. UB South, Hayes Hall, Rm 403. The Public Programs speakers for 2023-24 academic year will address the significance of origin to the architecture and planning disciplines. Whether these relationships are natural, adopted, forced, planned, or unexpected, the standpoints will afford a critical reflection on what it is to think, teach, and practice design for the place, culture, people, and/or species from which the designer originates. [Info.](#)

Three Sisters Potluck at Pelion Outdoor Classroom -6 to 8pm. Our annual tradition of enjoying the end of the growing season with a feast of Corn, Beans and Squash is scheduled for Thursday, Nov 2nd. This "lucky pot" as one student described it is also our chance to cook together! We will make a big pot of popcorn and a bigger pot of honeynut squash soup--with add-ins like sweet peppers or dinosaur kale--all grown at Pelion! We will also put some cider on the kettle. This is an opportunity to harvest the last of the fresh herbs and veggie boxes before we close them too. We have a link to the dish sign-up: <https://www.signupgenius.com/go/805084EA9AF2BA2FC1-44328858-3sisters> You can also use the facebook link to invite friends or family and see pics from previous years. <https://www.facebook.com/events/236880932683424>. Pelion Outdoor Classroom at City Honors School, 210 Best St, Buffalo. Volunteers are needed to help setup tables, camp stove and activity stations; *please come between 5-5:30pm*. Help with cleanup is also important as it will start getting dark by 7:30pm.

Fall Six Minute Building Stories- 5:30 to 9pm at Buffalo History Museum 1 Museum Ct, Buffalo. Six Minute Building Stories, or 6Mbs, is part of a larger Building Stories dialogue. 6Mbs is an informal and fun gathering featuring Building Story presentations by esteemed speakers from diverse cultural disciplines. Speakers will present their Building Story in 6 minutes through a PowerPoint slideshow of 18 slides.

Tiny Tots- 10 to 11am 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](#).

Friday, November 3

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/>. Topics: Winter Garden Prep, Tick Check.

Buffalo Geological Society Meeting- 7:30 pm at 100 Lee Street, Buffalo.

Sensory Night: Dinofest- 5 to 8pm at Buffalo Science Museum, will include limited exhibit sounds, hands-on sensory activities, kinetic sand fossil digs, arts and crafts, and so much more. Enjoy a comfortable and fun evening of learning and exploration! \$15 for all ages, free for members. [Tickets.](#)

Saturday, November 4

NY Forest Owners Association Regional Conference- 8am to 4:30pm. Registration required by **November 2** for this free conference. Lunch will be provided. We hope to see you there. You can [register online](#). Location is Pioneer High School, 12125 Countyline Rd, Yorkshire, NY. 14173

Woods Walk: Prepping for Winter-11am. What are our woodland friends doing at this time of year to get ready for the winter? Let's take a walk and find out! No registration required. Reinstein Woods Nature Preserve, Depew.

DinoFest-Buffalo Science Museum from 10am to 4pm. Get ready to stomp and roar, because DinoFEST is BACK! Gather your budding paleontologists and geologists for a day of family fun. Save time in line and reserve your DinoFEST tickets online in advance. *All ages.* \$21 for adults | \$18 for children, FREE for members. [Tickets.](#)

Volunteers Needed for Moving Plants- 10am to 2pm. Volunteers should meet at Ellicott Creek @ Ellicott Creek Park Kayak Launch: Follow [Google Map Link](#) for direct meeting location. If you are interested in joining Erie County Bureau of Forestry and CCWE for this event, email Joshua Konovitz – joshua.konovitz@erie.gov to RSVP and also copy “ccweinfo@gmail.com” on the email. [Info](#).

Volunteers Needed for ReTree Tree Planting- Different locations and starting times as [listed](#). We have 150 trees to plant all over Buffalo. Please sign up at www.BuffaloGreenFund.org/volunteer and state which location you prefer.

Household Hazardous Waste Collection-Free, for Niagara County residents. [Register](#) for a time. 758 Erie Ave., North Tonawanda.

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

Putting the Garden to Bed Volunteer Opportunity- 10am to noon at Pelion Outdoor Garden 212 Best St., Buffalo. There are several dozen small tasks required to settle the garden for the winter. NO SKILLS REQUIRED; DRESS FOR THE WEATHER. There may be flurries or wind but we only postpone sessions if it's raining. Groups are welcome; however, you should let Ms.Caesandra know if you have more than 8 people so she can borrow extra tools as necessary. If you have old sheets, they are very helpful in securing the beds. Please invite friends or family to make the session more fun. One thing to note about these dates. I cannot successfully manage more than 15-20 students for any ONE of these dates because I have to explain to each person what needs to happen for each task--UNLESS you join me earlier during the time when I'm setting up tools and work stations so that I can then put YOU in charge of a task/team. So, please do not publicize "just one day" for 20 or 50 or 71 students to come and help--because it won't be effective. It's best to share ALL THE DATES and allow students to come when they can--even if you're there or not. <https://www.facebook.com/PelionGarden>

Cranksgiving- Team bike riding to collect food to benefit Buffalo Food Not Bombs and Provisions 139! Ride starts promptly at 11 am. Ride ends around 1pm, party goes until 3pm. Start at BNMC PARKING LOT - Corner of Ellicott and North Oak, Buffalo, End at HOSTEL BUFFALO NIAGARA 667 Main Street Buffalo Contact Kevin Heffernan at kevin@gobikebuffalo.org with any questions. ****[Online Registration](#) CLOSES at 12P Friday 11/3. Must sign your waiver in person. Please arrive early (10A) to do so.****

North Tonawanda Owl Prowl-7pm. Join Buffalo Audubon Naturalist Tom Kerr for a nocturnal hike in the North Tonawanda Audubon Preserve. We will be looking for Eastern Screech-owls and other owl species that make their home in the Klydell Wetlands tucked into this suburban neighborhood. Waterproof footwear is recommended. Binoculars will be provided. Space is limited and [registration is required](#). \$10 Buffalo Audubon Members, \$15 General Admission.

Winter and Cool Weather Gardening-10:30-11:30 am on-site at the Botanical Gardens in the Administration Building. \$25 per Person, \$22.50 per Member. *Pre-registration required - Closes November 1.* [Register](#)

Walks and Wags-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.

Basic Birds-10:00 AM - 12:00 PM at [Niagara Falls State Park](#). Go birding on Goat Island and look for late migrants and overwintering birds. The plumage might be basic, but the birds are anything but! 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.

Sunday, November 5

Woof and Waterfalls- 11:00 AM - 01:00 PM at [Niagara Falls State Park](#). Enjoy a leisurely walk with your dog and 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](#).

Art in the Park: Fall Luminary Jars- 01:00 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](#).

Monday, November 6

Embrace your Wild Side-4pm presentation for ages 6+ at the Clarence Public Library, 3 Town Place. Learn about local wildlife with live animal presentations. Reserve your spot at 716-741-2650.

Tuesday, November 7

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

Putting the Garden to Bed Volunteer Opportunity- 3 to 5pm. Pelion Outdoor Garden 212 Best St., Buffalo. There are several dozen small tasks required to settle the garden for the winter. **NO SKILLS REQUIRED; DRESS FOR THE WEATHER.** There may be flurries or wind but we only postpone sessions if it's raining. Groups are welcome; however, you should let Ms.Caesandra know if you have more than 8 people so she can borrow extra tools as necessary. If you have old sheets, they are very helpful in securing the beds. Please invite friends or family to make the session more fun. One thing to note about these dates. I cannot successfully manage more than 15-20 students for any ONE of these dates because I have to explain to each person what needs to happen for each task--UNLESS you join me earlier during the time when I'm setting up tools and work stations so that I can then put YOU in charge of a task/team. So, please do not publicize "just one day" for 20 or 50 or 71 students to come and help--because it won't be effective. It's best to share ALL THE DATES and allow students to come when they can--even if you're there or not. <https://www.facebook.com/PelionGarden>

Wednesday, November 8

Wild Wednesday-4:30pm. Kids and their caregivers can enjoy a fun, hour-long outdoor activity. For children in grades K-5. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Nitrogen in Groundwater: Where it comes from and Health Risks- 1 to 2pm webinar. A one-hour informative webinar that will discuss the potential health risks associated with nitrogen found in private wells. [Register](#).

Oceanda: Where Taste Meets Sustainability- 6 to 9pm. Aquarium of Niagara sustainable seafood tasting event. Sample some incredible, sustainable seafood prepared by local chefs, participate in a virtual auction, and enjoy unlimited beer and wine at this special one-night event. Money raised will go directly back into the care of our animals. [Tickets](#). Participants must be 21 or older.

Architecture/Planning Dean's Series- Free. 6 to 7:30pm. UB South, Hayes Hall, Rm 403. The Public Programs speakers for 2023-24 academic year will address the significance of origin to the architecture and planning disciplines. Whether these relationships are natural, adopted, forced, planned, or unexpected, the standpoints will afford a critical reflection on what it is to think, teach, and practice design for the place, culture, people, and/or species from which the designer originates. [Info](#).

Hamburg Garden Club: Art Outside-10:00 am at VFW Post 1419, 2985 Lakeview Rd., Hamburg. Jim Charlier will share his expertise using art to complete outdoor spaces. He is a graphic designer, longtime participant in Garden Walk Buffalo, and co-author of two books: [Harry Potter: Herbology Magic](#) and [Buffalo-Style Gardens](#). Guests are welcome. If you are interested in joining the meeting, please make your reservation at lonabutler4@gmail.com.

NYS DEC's East Side Environmental Forum-5:30-7pm at the Merriweather Library, 1324 Jefferson Ave in Buffalo. This meeting will also be livestreamed - contact Kayla Baker for more information at kayla.baker@dec.ny.gov or 716-541-9631.

Senior Services Senior Hiking Club-10am. [Isle View - 796 Niagara St, Tonawanda, NY 14150 \(Near Maintenance Building\)](#). If you're a senior and would like to connect with the outdoors this program is just for you! Join our Park Ranger as they lead an **EASY** hike at Isle View Park along the Niagara River. Sneakers or hiking boots, weather appropriate clothing. · This event and area is dog friendly (on a leash); this hike is stroller and wheelchair accessible. **For Pre-registration contact Julie with Senior Services at (716) 858-6403.**

Vaughan Lecture: Dr. Steven Latta – 7 to 9pm at the Buffalo Science Museum, free. Dr. Steven Latta, Director of Conservation and Field Research at National Aviary in Pittsburgh, PA. Dr. Latta will discuss his current research into the ivory-billed woodpecker. [Register](#).

Climate Change Tween Book Club Discussion-5:30 pm - 7:30 pm, Second Chapter Bookstore will hold a book club discussion for youth regarding climate change. Buffalo Niagara Waterkeeper will have a staff member at the event to contribute to the discussion. This is a ticketed event and the cost is \$25 per child. Each purchase includes dinner, a new copy of the book *Saving Earth: Climate Change and the Fight for Our Futures* by Olugbemisola Rhuday-Perkovich and fun activities. There is no cost for the accompanying adult. For more info and to purchase tickets, click below on the [Second Chapter Bookstore website](#).

Behind-The-Scenes Collections Tours: Geology Rocks!-Buffalo Museum of Science | 6 - 7:30 p.m. *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. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. [Tickets](#). 18+, \$30.

Offshore Wind-1:00 p.m. ET for an offshore wind webinar as part of NYSERDA's *Learning from the Experts* series. Drashya Goel and Patrick Sanguily with [Spinergie](#) will discuss how offshore wind farms are constructed, including a breakdown of the vessels involved, construction timelines, procurement challenges, regulatory considerations, and how data can inform entry into the industry. [Register](#).

Putting the Garden to Bed Volunteer Opportunity- 3-5pm at Pelion Outdoor Garden 212 Best St., Buffalo. There are several dozen small tasks required to settle the garden for the winter. **NO SKILLS REQUIRED; DRESS FOR THE WEATHER.** There may be flurries or wind but we only postpone sessions if it's raining. Groups are welcome; however, you should let Ms. Caesandra know if you have more than 8 people so she can borrow extra tools as necessary. If you have old sheets, they are very helpful in securing the beds. Please invite friends or family to make the session more fun. One thing to note about these dates. I cannot successfully manage more than 15-20 students for any ONE of these dates because I have to explain to each person what needs to happen for each task--UNLESS you join me earlier during the time when I'm setting up tools and work stations so that I can then put YOU in charge of a task/team. So, please do not publicize "just one day" for 20 or 50 or 71 students to come and help--because it won't be effective. It's best to share ALL THE DATES and allow students to come when they can--even if you're there or not. <https://www.facebook.com/PelionGarden>

Thursday, November 9

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.*

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: Caroly Shumway - Director, Center for Behavior and Climate: Why We Didn't Act on Climate and How to Act Now. Lessons learned from geology to behavioral science.

Green Drinks- 5:30 to 7pm at The Public House of Buffalo at 1206 Hertel Ave, Buffalo, NY 14216. The event is also listed on [Facebook](#) and on the [Green Drinks webpage](#).

Pumpkin Painting and Cider- 5:00 PM - 07:00 PM at [Niagara Falls State Park](#). Take a walk around the park and find your inspiration to paint a pumpkin with eco-friendly, plant-based paint while enjoying some hot cider! Registration required on [Eventbrite.com](#).

Putting the Garden to Bed Volunteer Opportunity- 3-5pm. There are several dozen small tasks required to settle the garden for the winter. **NO SKILLS REQUIRED; DRESS FOR THE WEATHER.** There may be flurries or wind but we only postpone sessions if it's raining. Groups are welcome; however, you should let Ms. Caesandra know if you have more than 8 people so she can borrow extra tools as necessary. If you have old sheets, they are very helpful in securing the beds. Please invite friends or family to make the session more fun. One thing to note about these dates. I cannot successfully manage more than 15-20 students for any ONE of these dates because I have to explain to each person what needs to happen for each task--UNLESS you join me earlier during the time when I'm setting up tools and work stations so that I can then put YOU in charge of a task/team. So, please do not publicize "just one day" for 20 or 50 or 71 students to come and help--because it won't be effective. It's best to share ALL THE DATES and allow students to come when they can--even if you're there or not. <https://www.facebook.com/PelionGarden>

Activating Health Professionals to Lead Climate Action- 3pm webinar. [Register.](#)

Preparing Fruit Trees for Winter-6:00 PM - 8:00 PM at JCC Carnahan Building (241 James Ave. Jamestown, NY). \$5/person. This class is for anyone interested in growing trees or small fruits such as apples, peaches, brambles, strawberries, blueberries, and grapes. Megan Luke, Erie County Extension Educator, will focus on preparing existing plantings for the winter season, with tips on selecting and applying mulch, preventing snow damage, pruning, and dormant spray applications. There will also be some discussion of site assessment and cultivar selection for spring plantings, and how & where to source bareroot plants. Class will begin and end with a Q & A session to address specific concerns of attendees. Register for this and other LEAF workshops at: https://reg.cce.cornell.edu/leaf2023_206

Friday, November 10

Fun Facts and Falling Foliage-10:00 AM - 11:30 AM at [Reservoir State Park.](#) Come out for a stroll on the accessible path around Reservoir State Park! Enjoy the crisp air and embrace the November weather. Registration required on [Eventbrite.com.](#)

Buffalo Astronomical Association Meeting-7pm via zoom. For link, info@buffaloastronomy.com

Saturday, November 11

30 x 30 Biodiversity Discussion-10am to noon at the Buffalo Science Museum. Please join the Western New York Environmental Alliance and member groups for a 30 x 30 discussion. The United Nations, the Federal Government and the State of New York have all signed an initiative they are calling **30x30**, that is, we are responsible for protecting 30% of our ecologically functioning land and water by 2030. This is an intermediate goal in reaching the 50x50 goal that scientists have set as a requirement. Our goal is to outline what our community can do to engage in the 30x30 campaign. Please invite your communities and friends. For more information about what we've been up to, visit our web page at: www.wnyea.org or Facebook page at: www.facebook.com/wnyea.org.

Orchid show at the Gardens-10am to 4pm. Buffalo and Erie County Botanical Gardens 2655 South Park Avenue, Buffalo. Along with the Niagara Frontier Orchid Society, the Buffalo and Erie County Botanical Gardens will host this popular annual orchid showcase with dozens of hand-picked and award-winning orchid exhibits. Exhibitors include members of the Niagara Frontier Orchid Society. This year's display will be located in the Botanical Gardens' administration building. Entrance to the Orchid Show is included with the price of admission. Tickets: <https://www.buffalogardens.com/collections/events/products/orchid-show-23>

Historical Origins of Tiff-2:00 PM - 3:30 PM. Travel into the past to explore Tiff Nature Preserve's rich history and its connection to the surrounding city. View historical photos, maps, artifacts, and enjoy a walking guided tour of the trails in search of prominent historical features. Ages 18+, \$8*, [Tickets.](#)

Free workshops: Wintering - Grassroots Gardens of WNY 389 Broadway, Buffalo. Free fall workshops are being held by the Massachusetts Avenue Project, Grassroots Gardens of WNY and Urban Roots Cooperative Garden Market. Wintering will be held from 10 a.m. to noon Saturday, Nov. 11 at Grassroots Gardens of WNY, 389 Broadway, Buffalo. Register by calling (716) 783-9653.

The Buffalo Bonsai Society Meeting -1:00 to 4:00. Christine Wilkolaski will present on Plant Physiology. The meeting will be held at STEM Building Parking Lot on Youngs Rd, ECC North Campus, 6205 Main St., Williamsville, NY.

Buffalo Shredding and Clothing Recycling Drive-A free Buffalo paper shredding and clothing recycling drive will be held from 9am to noon at Front Park, enter on Porter Ave. Visit www.buffalorecycles.org for info.

Putting the Garden to Bed Volunteer Opportunity- 10am to noon at Pelion Outdoor Garden 212 Best St., Buffalo. There are several dozen small tasks required to settle the garden for the winter. NO SKILLS REQUIRED; DRESS FOR THE WEATHER. Groups are welcome; however, you should let Ms. Caesandra know if you have more than 8 people so she can borrow extra tools as necessary. If you have old sheets, they are very helpful in securing the beds. Please invite friends or family to make the session more fun.
<https://www.facebook.com/PelionGarden>

Daytime Behind-The-Scenes Collections Tours: Cabinet of Curiosities-Buffalo Museum of Science 11 a.m. - 12:30 p.m. 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. [Tickets](#).

Gorge at Low Water-10:00 AM - 03:30 PM at [Whirlpool State Park](#). Autumn is a great time to hike! Join us and enjoy the Niagara Gorge after the volume of water in the Niagara River is reduced by 25%. We will take you past the Whirlpool to the site of the Great Gorge Route station and beyond. This hike is challenging (stairs and scrambling over rocks). 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](#).

Solar Eclipse Safety Training-Buffalo Science Museum, 1 - 2 p.m. | Recommended for ages 12+ . FREE. The April 8, 2024 Total Solar Eclipse is coming in a few short months! A total solar eclipse is an extremely rare and special event. 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. [Info](#).

Veteran's Day and Marine Corp Birthday Celebration- 10:00 AM EST at Beaver Meadow Nature Center, 1610 Welch Rd, North Java, NY 14113. [Registration](#) is free for veterans, active duty service members, and their families! Hikes are optional. If you want to just come for lunch, that's ok.

Elevating Buffalo: Wonder Church -1pm. Wonder Coffee House and Church, 323 Ganson St, Buffalo, NY 14203. Hope Rising Together is a Buffalo Based Grassroots Charity that started in 2009, drilling clean water wells (providing clean water to 63,000 people), educating 500 children on their 30 acre campus, and providing medical care and food relief in Sierra Leone, Africa. Through loans, fundraising and donations we have spent \$3.1 million dollars saving and restoring this historic elevator. As we have been working on this labor of love we learned a lot not only about the silo but also Spencer Kellogg. It is amazing to us that we are building on his legacy and the space that was once used to ship seed all around the world is now being used to ship nutritious meals across the world. The space is used as a headquarters for the charity, and for volunteers to pack meals throughout the week, and a church rents the gallery room on Sundays. Future dreams include running youth leadership programs, a podcast and film studio, youth theater and partnering with local block clubs and community based organizations for use of the space. [Tickets](#) \$25 (\$20 member).

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

Sunday, November 12

What The Rut? -10am at Como Lake Park: [Como Lake - Shelter #5 \(Boy Scout Shelter\)](#). As the daylight begins to fade, the white-tailed deer breeding season (the rut) begins. Join Ranger Greg on a hike of the Boy Scout Trail in search of deer sign and learn all about what goes on during the Whitetail Rut! [Register for What The Rut? ~ Como Lake Park ~](#)

Monday, November 13

Cheektowaga Garden Club-6:45 pm, The Cheektowaga Garden Club meets on the second Monday of the month at the Maryvale Presbyterian Church (enter via Aspire parking lot). For more information contact Ann Marie Kirst at 716-254-4077 or Sally Hayes at 716-574-9500.

Tuesday, November 14

“Historic Herbaria at Buffalo State University” with Jim Battaglia-7:30pm. Niagara Frontier Botanical Society meeting and talk by Wayne Gall. Historic plant collections and their stories from the age of Linnaeus to yesterday will introduce the 20,000 botanical specimens at BSU’s Eckert Herbarium. Harlem Road Community Center, 4255 Harlem Road, Amherst, New York. No advance registration is required.

Master Gardener Lunch & Learn Mini Series: National Pickle Day/Pickle Class- 12 to 12:30pm. Does this pickle your fancy? In honor of National Pickle Day, Come learn the art of pickle making and how to pickle other products! Please register in advance via the link below. Join us in-person or via Zoom, whichever your schedule allows. Bring your lunch to 28 Parkside Drive, Ellicottville, New York 14731 or join us on zoom during your lunch break. <https://cornell.zoom.us/j/98026720403?pwd=V2lFWVg0aG12VkxWcWMrbUIYU2FvZz09> Meeting ID: 980 2672 0403, Passcode: 502294

Evening garden club in Orchard Park-6:30 pm, For people who can’t attend a garden club during the day or prefer the evening, the Orchard Park Garden Club has expanded to include an evening branch called the Seedlings. Meeting in the lower level of the Orchard Park Municipal Building, 4295 South Buffalo St., Orchard Park. Early birds can arrive at 6 p.m. “We hope to attract members from the Orchard Park Community and perhaps nearby: West Seneca, Hamburg, East Aurora,” said Carol-Jo Pope, Seedlings liaison and member of the Orchard Park Garden Club. The meetings will take place the second Tuesday of each month. The Seedlings share in all the benefits and fun of a garden club membership, she said. Monthly meetings offer a variety of themed programs and activities emphasizing horticulture, design, environment, community beautification and education. For more information, contact Pope at bobpope5@hotmail.com.

"Sustainability Accountability: Transforming Knowledge to Action"- WNY Sustainable Business event from 11am to 5:30pm. Key highlights of the event include a keynote address by Eric Corey Freed, Principal and Director of Sustainability at CannonDesign. The summit is structured with four distinct engagement session tracks, each aimed at inspiring attendees and providing them with actionable sustainability strategies. Join us to listen, learn and exchange ideas on sustainability trends and the changes your business faces. Get inspired, more connected and better equipped to make meaningful progress during this decade of action! Wayland Brewing Company. [Register and info.](#)

Kenmore Garden Club- 10am at Kenmore United Methodist Church 32 Landers at Delaware Road, Kenmore. Caesandra Seawell will be the guest speaker and present "Pelion Program at City Honors". She is an instructor and manager of Pelion Outdoor Program at City Honors which has gardens composed of 50% edible flowers and produce and has a rain garden. Its mission is stewardship and ecoliteracy geared towards students. Caesandra will provide garlic to the participants to plant.

Toddler Time is back-10:30am. Join Naturalist Shelby at the Beaver Meadow Nature Center for a short fall themed hike and snack! Ages 2 to 4. [Preregistration is required.](#) \$10 per child. Beaver Meadow Audubon Center 1610 Welch Rd, North Java, 14113.

Benefits of Large, Woody Debris in Streams- 2 online sessions either 12 to 1pm or 7 to 8pm. Learn about the many benefits fallen, woody debris can have on streams and floodplains. This presentation will review the effects of woody materials and current restoration efforts. [Register.](#)

C-CHANGE Grass2Gas Project-1 to 2pm. Join us for an informative webinar on the C-CHANGE Grass2Gas project, funded by the USDA-NIFA's Sustainable Agricultural Systems program. Its aim is to explore how perennial and winter crops can be employed more extensively as feedstock for anaerobic digestion while also aligning with objectives related to environmental protection, rural economic development, and national energy security. This webinar will delve into the significance of renewable natural gas (RNG) within hard-to-decarbonize sectors of the economy, such as sustainable aviation fuel, dispatchable electricity, renewable hydrogen, and the chemical industry. [Register.](#)

Buffalo Maritime Center Speaker Series: The 2023 Adirondack 90 Miler- 6pm at Ukrainian American Civic Center - 205 Military Rd, Buffalo, NY 14207. A panel discussion with photos and video about BMC's experience doing the 2023 90 Miler Canoe Race in the Adirondacks. It was awful, and it was amazing. Join us to hear the stories about this ridiculous race and how we came in 3rd place . . . only 2 minutes behind 2nd place .. Doors Open & Cash Bar at 5PM and the program begins at 6PM. FREE for BMC Members! \$5 suggested donation for non-BMC members.

ADK Meeting- Amherst Community Church, 77 Washington Highway, Amherst. Education Workshop: 6:30 pm, Winter is fast approaching. To prepare for outdoor activities in these conditions, we will discuss dressing for cold weather activities. Paul Gannon, a long-time member of the ADK Club in WNY, plans on reviewing the ways that our bodies lose heat, the pros and cons of various fabrics, and how to utilize a system of layers to protect ourselves from the cold. Main Program: 7:30, Join us for our main program, "Capturing the Return of Wildlife," as we welcome local photographer, Kevin Szen. Join us for a slideshow presentation of Kevin's impressive work, hear a personal account of his experiences and observations, and find out how he managed to capture such incredible shots of urban wildlife.

Ocean acidification: a threat to marine ecosystems and economies -11am to 1:30pm online. The continued growth of CO2 emissions poses a grave threat to marine species, food chains and economies in the form of ocean acidification. The past 20–30 years have seen a rapid increase in this phenomenon and, unless decisive actions are taken to stem emissions, it will continue to rise. This will have detrimental impacts on the chemistry of the oceans, threatening the well-being of the marine ecosystems, coastal industries and the human communities that depend on them. Commonwealth countries are highly vulnerable to the adverse impacts of ocean acidification. Of the 56 Commonwealth members, 49 have marine coastlines, and 25 are small island developing states (SIDS).

[Register free](#)

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

Native Lawn Options-1:00 PM - 3:00 PM at JCC Carnahan Building (241 James Ave. Jamestown, NY), \$5/person. Traditional turfgrass lawns provide little benefit to native biodiversity, are significant sources of air and water pollution, and require huge investments of time to maintain. In this enlightening webinar, we will discuss a visionary lawn paradigm shift – one where lush, low-growing native grasses and forbs take center stage. Explore the journey behind Cornell Botanic Gardens' native lawn, from its inception to the multitude of benefits it brings, and the invaluable lessons it has taught us. Join us at Jamestown Community College for an in-person viewing of the webinar followed by a discussion with Carol Markham, conservationist at the Chautauqua Watershed Conservancy, who will share local resources. Register for this and other LEAF workshops at: https://reg.cce.cornell.edu/leaf2023_206

Wednesday, November 15

Architecture/Planning Dean's Series- Free. 5:30 to 7:30pm. UB South, Hayes Hall, Rm 403. The Public Programs speakers for 2023-24 academic year will address the significance of origin to the architecture and planning disciplines. Whether these relationships are natural, adopted, forced, planned, or unexpected, the standpoints will afford a critical reflection on what it is to think, teach, and practice design for the place, culture, people, and/or species from which the designer originates. [Info.](#)

Network Party with League of Women Voters- Let's discuss ways to make WNY a better place. 4:30 to 6:30pm at West Side Bazaar, 1432 Niagara St. RSVP to lwvbn.dei.rsvp@gmail.com

Gardening with bulbs-5:00 pm – 6:00 pm. John Balacki, Master Gardener, will teach [this session on spring blooming bulbs](#), held by the Master Gardeners of Cattaraugus County. This talk will cover old favorites and others that you may not be familiar with. Learn how to select the best bulbs for success in our climate and where to find them. Free, it will be held in the Cattaraugus County Cornell Cooperative Extension office, 28 Parkside Drive, Ellicottville. Or join via zoom <https://cornell.zoom.us/j/99872560405?pwd=U2Q1c3c...>

Cooperative Academy Graduation and Co-op Mixer- 6 to 8:30pm at Community Beer Works. Over 20 of our community members have been in our Cooperative Academy training program at The Foundry. This amazing cohort will be giving brief presentations about their co-op businesses, and taking questions from the audience. After the presentations and graduation, we'll have a co-op community mixer, with food and 1 drink on us. We would love to have you join us. [Please let us know if you can make it](#) and share with any colleagues that would enjoy learning more about our growing co-op community.

WNY Stormwater Coalition-2 pm - 3:30 pm, in person and Zoom. Please contact Mary MacSwan at mary.macswan@erie.gov for meeting details and updates.

“De-Vine Days”: Olmsted Parks Invasive Species Volunteer Work- Cazenovia Park, 9am to noon. For more information and to sign up, visit www.bfloparks.org/volunteer or reach out to Munson at Kristie@bfloparks.org.

Thursday, November 16

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.*

Science Update: Mission: Iconic Reefs, Bringing Science and Community Together for Coral Reefs-7:00 PM to 8:00 PM ET webinar for an edition of NSTA’s *Science Update*. Lindsey Crews, Science and Outreach Coordinator for Florida Keys National Marine Sanctuary, will share information about an ambitious restoration plan. [Register.](#)

Agrivoltaics and Large Scale Solar-12 to 1pm webinar. Gain insights into agrivoltaics, understanding its definition, implementation techniques, and the challenges and prospects associated with integrating solar panels into farmland and agricultural operations. [Info and register.](#)

Climate Conversations: Future of Fossil Fuels- 3 to 4:15pm. Join us for a discussion about the future of fossil fuels in a net-zero United States. [Register.](#)

Clean Air Coalition Meeting- 5:30-7pm and both online (with pre-registrations) and in-person at the main hall at Trinity Church, 371 Delaware Avenue in downtown Buffalo. [Register.](#)

Third Thursday Social for League of Women Voters-5 p.m. to 7 p.m. at NEAT Wood. Whiskey. Wine. 5175 Transit Rd., Williamsville. Join us for this casual gathering of members, guests, and those interested in learning about the work and volunteer opportunities with LWVBN! **No registration required.**

Tiny Tots – Turkey Time-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](#).

Friday, November 17

Managing Tree of Heaven and Other Invasive Trees- Noon to 1pm Webinar. Invasive species are one of the largest and growing threats to biodiversity, ecosystem health, and economies of Pennsylvania and surrounding states. At this workshop, participants will learn about how to identify and manage Tree of Heaven (*Ailanthus altissima*) as well as other invasive trees. [Register.](#)

Hops N’ Rocks 2023-Penn Dixie’s annual fundraiser is back! 6 pm at [Ilio DiPaolo’s](#) for an evening of dinner, drinks, live music, and fossil fun! The event features a buffet style dinner, a 2-hour open bar (includes house beer, pop, wine) and a fundraiser raffle & auction. All proceeds go towards our educational programming, allowing us to continue providing hands-on natural science experiences to our visitors, schools, and communities! [Tickets.](#)

Saturday, November 18

Woods Walk: Thankfulness Walk-1pm. It's the season of thanks—did you remember to give nature a high five to show your appreciation? Let's do it during a walk at Reinstein Woods. No registration required. Reinstein Woods Nature Preserve, Depew.

Owl Prowl-6pm. Learn about the owls that live at Reinstein Woods during a nighttime adventure in search of these nocturnal birds. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Dare to Repair Café-11am to 2pm at UB Allen Hall (UB South Campus), Main and Bailey, 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](#).

Cayuga Creek Restoration Volunteer Planting-10am to 1pm. Town of Niagara. Join Buffalo Niagara Waterkeeper staff at the Cayuga Creek Restoration site to help spread native seed across the site, as well as plant a few trees and shrubs! [Register](#).

Nature & Me Early Childhood Adventure- 10:00 AM - 12:00 PM at Tiff Nature Center. Through guided playful games, crafts, and activities inspired by the esteemed Reggio Emilia philosophy, you and your young naturalist will explore the Autumn Season! Guided trail walk included (weather pending) BYO snack to enjoy afterwards. *Advance registration is required.* Ages 3-5, \$10 per child with adult*, [Tickets](#).

Birding with Dr. Beehler-10am, author of *North on the Wing*, Dr. Beehler will join Buffalo Audubon and the University at Buffalo College of Arts and Sciences on a special morning of Birdwatching at Niagara Falls State Park. \$20 BAS Members / \$25 General Admission. Binoculars are available. [Required registration](#).

Birding Field Trip: Dunkirk Harbor -8am. Leaders: Katelyn Davis and Devin Banning (716-260-8889; bann3094@fredonia.edu; katelynmdavis@gmail.com) Place: Dunkirk Harbor Pier, Alternate meeting place (to be used if pier is closed): Dunkirk Memorial Park (just west of the pier on Route 5). This trip will be targeting newly arrived waterfowl that use the Dunkirk Harbor and the surrounding area to winter. We will also be looking for gulls and shorebirds along the way, as well as the Harbor's resident Bald Eagles and Peregrine Falcons. Bring a scope if you have one, if not we can share! This trip is purposefully planned during the break in waterfowl hunting season. This trip will be target birding the harbor and Point Gratiot and possibly extending to Main Street Beach, Wright Park Beach and Cedar Beach for late shorebirds. Dress for the weather, there is often a breeze coming off the lake.

Wildlife Survey-10:00am-12:30pm at Waste Management Nature Preserve, Chaffee. Spend a fall day at a beautiful preserve on a moderate hike looking for wildlife signs. [Register Now!](#)

Forest Explorers-10:00 AM - 11:30 AM at [Knox Farm State Park](#). Explore the forest as you listen along to the children's storybook "Explorers of the Wild", written by Cale Atkinson. Parents must stay with children. Registration required on [Eventbrite.com](#).

Gorge at Low Water- 10:00 AM - 03:30 PM at [Whirlpool State Park](#). Autumn is a great time to hike! Join us and enjoy the Niagara Gorge after the volume of water in the Niagara River is reduced by 25%. We will take you past the Whirlpool to the site of the Great Gorge Route station and beyond. This hike is challenging (stairs and scrambling over rocks). 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](#).

Young Birders Club: Art Program- 1pm – 2pm at Iroquois National Wildlife Refuge, Casey Rd, Basom, NY 14013, USA ([map](#)). Join us in appreciating nature through art with Ranger [Logan Sauer](#) at [Iroquois National Wildlife Refuge](#). We will meet at the center and take a short walk, weather permitting. Art supplies will be provided and you can create something you see or have a guided creation! Free and open to ALL! Registration is helpful for this one so please email wnyyoungbirders@gmail.com to let us know you are coming, how many folks will be in your group, and if you have any special requests or questions!

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

Sunday, November 19

Chasing Waterfalls -10am at [Emery Park - Parking lot near baseball field](#). Did you know Emery Park has not one, but TWO waterfalls? Join Ranger Adam for a guided nature hike to each of these amazing natural features as we explore and appreciate Emery in Autumn! 2hrs. [Register for Chasing Waterfalls ~ Emery Park ~](#)

Sunday Scenic Route-10:00 AM - 11:30 AM at [Evangola State Park](#)

Enjoy scenic views of Lake Erie during a nature walk along the rim Trail to learn more about the flora and fauna found here. Registration required on [Eventbrite.com](#).

Great Gorge Route- 10:00 AM - 12:00 PM at [Niagara Falls State Park](#). Meet at Discover Center Parking Lot.

Explore the route the scenic trolley took into the Niagara Gorge more than a century ago with stories and its history revealed along the way. Registration required on [Eventbrite.com](#).

New York State Symbols-2:00 PM - 03:00 PM at [Niagara Falls State Park](#). Enjoy a walk with a park Naturalist as we learn about the state symbols of New York. Registration required on [Eventbrite.com](#).

Monday, November 20

Tift Nature Center trails open dawn to dusk.

Tuesday, November 21

Cognition, Speech, Perception, and Auditory Neuroscience Lab (CSPAN) Research Study- 5:15 to 8pm. UB group will be coming to the West Seneca Public Library to conduct a brief research study! Participation involves completion of a behavioral task on the computer or iPad and takes about 20-30 minutes. Visitors ages 7 and up may be eligible. Parents must be briefly present in order for children to participate!

Wednesday, November 22

Behind-The-Scenes Collections Tours: Cabinet of Curiosities-Buffalo Museum of Science at 6 - 7:30 p.m.

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. [Tickets](#).

Thursday, November 23

Happy Thanksgiving!

Friday, November 24

Tift Nature Center trails open dawn to dusk.

Saturday, November 25

Family Nature Quest: Turkey Talk -10am. Flock into the world of turkeys, turkey vultures, and even turkey tail fungus in this family adventure. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

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](#).

Gorgeous Gulls- 10am to noon at NYPA Fishing Platform - Niagara Falls. Join Naturalist Tom Kerr for a trip into the Niagara River Gorge at the NYPA Fishing Platform. Migrating Gulls are congregating in the Lower Niagara River, and we'll be looking for Black-legged Kittiwakes, Little Gulls, and Franklin's Gulls in the swirling flock of Bonaparte's Gulls. Binoculars are available. \$10 BAS Members, \$15 General Admission. [Register for Gorgeous Gulls](#)

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

Sunday, November 26

Niagara River Joint Birding Field Trip with the Rochester Birding Association-9am at the large parking lot overlooking Lake Ontario at Fort Niagara State Park in Youngstown. This will be an all-day trip that will cross through customs into Canada. Participants MUST bring passports or Enhanced Driver's licenses. Be prepared for potentially very cold weather. Leaders: Tom O'Donnell of the Buffalo Ornithological Society (BOS) 716-622-5185 or tmodonnell@roadrunner.com and from the Rochester Birding Association (RBA) - Neal Reilly 518-256-9147, co-leader Cathy Ballard 585-322-2621

Monday, November 27

Full Moon Walk-7pm. Learn how beavers prepare for the winter on this evening walk under the full Beaver Moon. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Adults-Only Full Moon Hike- 5:00 PM - 6:30 PM. Enjoy an autumn sunset and full moon rise on a relaxing guided hike through the Preserve at twilight. Ages 18+, \$8*, [Tickets](#).

Clean Air Coalition Meeting on Tonawanda Plans- 5:30 to 8:30pm at the Brounshidle American Legion/VFW Post at 3354 Delaware Ave in Tonawanda to share more information about the Alternatives and other important updates - [click here to register to help us plan!](#)

Tuesday, November 28

Sierra Club Niagara Group Monthly Meeting-7:00-9:00 PM. Our meetings are packed with discussion of current environmental issues. We have continued to meet online with members and invited guests. If you are interested in joining us please send us an email at niagarasierra@gmail.com

General Meeting and Speaker Series at Orvis: Bob Lindquist Author/Writer/Guide - 7pm. Lessons learned from the Delaware. Orvis, 4545 Transit Rd., Eastern Hills Mall, Williamsville.

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

Cognition, Speech, Perception, and Auditory Neuroscience Lab (CSPAN) Research Study- 4 to 7pm. UB group will be coming to the West Seneca Public Library to conduct a brief research study! Participation involves completion of a behavioral task on the computer or iPad and takes about 20-30 minutes. Visitors ages 7 and up may be eligible. Parents must be briefly present in order for children to participate!

Wednesday, November 29

"De-Vine Days": Olmsted Parks Invasive Species Volunteer Work- Cazenovia Park, 9am to noon. For more information and to sign up, visit www.bfloparks.org/volunteer or reach out to Munson at Kristie@bfloparks.org.

Thursday, November 30

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.*

Scinight: Make And Take Jam Workshop- 7:00 PM - 8:30 PM, Tift Nature Preserve. Learn how to transform some fresh fruit into delicious jam that you can take home to enjoy! All materials provided. Ages 18+, \$20 per person*, [Tickets](#).

Tiny Tots: Birds-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](#).

Goat Island Sunset Saunter-3:30 PM - 05:00 PM at [Niagara Falls State Park](#). Enjoy a leisurely walk around Goat Island during golden hour for spectacular views of the Falls and later the illumination! Registration required on [Eventbrite.com](#).

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 holistic 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/>. The topic for the December webinar 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 ~](#)

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. Led by Graycliff Head Gardener Emma Hahn, the series is a resource for residential gardeners interested in learning how to manage and care for their various plants. Each session has a different focus and have been scheduled to make use of Graycliff's historic gardens. 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 Tift Trails Adventure-9:30 AM - 2:30 PM. Ready to hike almost ALL of Tift's Trails in a single day? Grab your day pack and a comfortable pair of shoes to be guided on almost every trail at Tift. 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](#).

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

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.

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".

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.

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](#).

1. [Support the Lead Pipe Right to Know Act \(S5512/A6115\)](#): This act aims to make data about lead pipe locations accessible online, empowering New Yorkers to determine if they're at risk.
 2. [Advocate for Increased Funding for Lead Pipe Replacement](#): We're urging Governor Hochul to allocate an additional \$100 million in the 2024 state budget for lead service line replacement. While New York has made strides in investing in clean water, we need to ensure a significant portion is directed towards addressing the lead pipe crisis.
- 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:

- **Save \$ with Vinegar** -A reminder that vinegar can be a great tool in your cleaning supplies. You can clean countertops, windows, microwave and even rinse your fruits and vegetables (1 part vinegar to 3 parts water) to remove residue. Clean a clogged drain by putting a ½ cup of baking soda in the drain, pouring in 1 cup of vinegar, and plugging the drain. Let this sit for 10 minutes while the fizzy reaction works to dislodge blockages in the drain. Rinse thoroughly with hot water.
- **Reduce your Pet Carbon Pawprint**-Pet Supplies Plus now has bins where you can recycle your flexible plastic pet food & treat bags regardless of brand and purchase location. Partner Terracycle will transform these into new products.
- **Recycle your Electronics “Right”**- visit the electronics recycling locator tool at [the Recycle Right NY website](#) and find a drop-off location near you. Thank you for going the extra mile and doing your part to keep valuable resources in flow! Any wireless telephone service suppliers that offer wireless phones for sale are required to provide free recycling of cell phones.

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

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

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

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

Buffalo Olmsted Parks Conservancy will assign volunteers to specific clean up and planting projects throughout the summer. Learn more and [sign up here](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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.

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.

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

[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
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
www.buffaloudubon.org
www.buffalogardens.com
www.buffscience.org
www.tifft.org

www.buffalozoo.org

www.penndixie.org

www.yourspca.org

Grant Opportunities /Tools

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

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

www.grantstation.com

www.grantwatch.com

www.grantsalert.com

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Fenton's Produce- www.fentonsproduce.com

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

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

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

Food Future WNY- 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

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
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
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/
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)

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>
Books- www.booksforafrica.org, www.operationpaperback.org
Bras- www.donateyourbra.com,
Building materials- www.buffaloreuse.org
Cars- <http://www.donateacar.com/>
Cell Phones- Buffalo Zoo, Aquarium of Niagara and other charities
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>, <https://www.decluttr.com>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, SunKing 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, most electronics stores, www.sunking.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 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)
Furniture-Goodwill, Salvation Army, Amvets and other charities
Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>
Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>
Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>
Hazardous Household materials- <http://www.hazmanusa.com/>

Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,
Ink cartridges-RecyclePlace.com and most manufacturers
Mascara Brushes- Contact wildlife rehabilitation facilities or [here](#)
Mattresses- <http://triadrecycle.com/mattress/> Hazman, Buffalo ReUse ReSource
Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf
Needles, Syringes etc.- <http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access>
Packaging Materials (bubble wrap, peanuts)-UPS Store
Paint- <https://www.paintcare.org/>
Pharmaceuticals-dropoff sites at [map](#)
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448
Recycling A to Z - [realsimple](#)
Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com
Sports equipment-resell/trade at www.playitagainsports.com
Styrofoam- Thermal Foams, Inc. for clean, white Styrofoam at 2101 Kenmore Ave., 14207. Call first at (716) 874-6474.
Tennis balls- <http://www.rebounces.com/recycle/>
Toys, plastic or used- http://dmpgreen.com/mail_in.html, www.buffalony.gov/383/Streets-Sanitation
Underwear- <https://yourparade.com/products/second-life-recycling-kit>
Uses and reuses for many items- <http://www.world.org/weo/recycle>
Water filters-Brita partners with preserveproducts.com/recycling
Wetsuits- <https://www.sugamats.com/recycling/>, <https://www.greengurugear.com/pages/recycling-to-upcycle-program>

Eco-volunteering with Travel:

<http://www.planetfriendly.net/learn.html>
<http://www.globalteer.org>
<http://www.ecovolunteer.org/>
<http://www.goeco.org/>
<http://www.woof.org/>
<http://www.americanhiking.org/>

Education Courses, Resources or Certificates:

Solar Energy Training- <http://www.solarenergy.org/training-schedule/>
Coursera- www.coursera.org
[Green Education Foundation](#)
[Facing the Future](#)
[Cloud Institute for Sustainable Education](#)
[Sustainable Futures Institute](#)
[Nature Generation.](#)
[The Center for Ecoliteracy](#)
[Hamline's Center for Global Environmental Education \(CGEE\)](#)
[The National Science Teachers Association Learning Centers](#)
[The US Partnership for Education for Sustainable Development](#)
[Basics of Organic Farming](#) is a self-directed online course for beginning orchard and vegetable-crop farmers
[Our Farms, Our Future](#) podcast series

On Demand Webinars:

[Extended Producer Responsibility](#) (other videos on same youtube channel).
[Plan-It GEO](#)
<https://www.ceres.org/events/ceres-climate-week-nyc-2020>- CERES from NYC program in Climate Week
EarthEcho [Youtube channel](#) Water Challenge [playlist](#).
STEMExplore Virtual Career Connections [Virtual Events](#) page

Miscellaneous tools including videos and websites:

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

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

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.

[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

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

AIA Buffalo Western NY

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

Air and Waste Management Association

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

Allegany Nature Pilgrimage

<http://alleganynaturepilgrimage.com/>

Alliance for the Great Lakes

www.greatlakes.org

American Planning Association-WNY Section/Upstate

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

Amherst State Park Arboretum

<http://www.amherststatepark.org/ASP/Welcome.html>

Aquarium of Niagara

www.aquariumofniagara.org

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

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

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

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

Heart of the City Neighborhoods, Inc.	www.hocn.org
Hope Rising Together	https://1t1ol.com/
Housing Opportunities Made Equal	https://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Inland Ocean Coalition-Buffalo Chapter	https://inlandoceancoalition.org/whoweare/chapters/buffalo/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Lake Erie Watershed Protection Alliance	http://www.erie.gov/lewpa
Leadership Buffalo	https://www.leadershipbuffalo.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Local Initiatives Support Corporation	https://www.lisc.org/wny/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/

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

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

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

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

Wild Kritters

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

Wild Spirit Education

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