

# Enviro-News

November, 2022

Sponsored by Daemen University's Global & Local Sustainability Department

## Newsletter Contents:

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

## Articles:

### Community Justice 2022: International Summit: Building Safe, Vibrant Communities

The Center for Court Innovation's free online conference on **November 3** (9:30am to 5pm) and **November 4** (9:30am to 1:30pm) will provide valuable information to long-time practitioners of community justice and those curious to learn the basics. Panels will provide perspectives from judges, prosecutors, defenders, social workers, treatment specialists, community members, and others on collaborative strategies to address issues such as opioid abuse, inequities in justice system responses, and centering the voices of those with lived experience in the justice system. Learn more at the link and [register](#) for this free conference.

### Pumpkin Drop-Off!

In partnership with Good Neighbors Compost and Buffalo River Compost, you can drop off your pumpkins from 10am-4pm on **November 4-6** between 10am and 4pm at two locations. Save your pumpkins from the trash and the critters and drop them off right here at the Botanical Gardens for the first annual Pumpkin Drop-Off! Buffalo River Compost will be composting your pumpkins into usable compost material. Remove all candles and decorations. Large bins will be located at the far entrance of the Botanical Gardens Parking Lot. Bins will be closed after hours to avoid critters and keep them safe for composting! Too far of a drive? Masterson's Garden Center in East Aurora will also be a drop-off site for your pumpkins! Contact [info@goodneighborscompost.com](mailto:info@goodneighborscompost.com)

### Donate your Leaves, Straw Bales and Pumpkins to Pelion Garden

Your leaves, corn stalks and pumpkins will be composted at Pelion Garden across from City Honors at 206 Best St in Buffalo. No set dates for this dropoff, so when you get your leaves bagged or can drop things off, they will take them. Old sheets are welcome too. Volunteer dates are scheduled including **Saturday, November 5th and 12th** from 10am to noon. For info, contact [peliongarden@gmail.com](mailto:peliongarden@gmail.com).

### Green Drinks

Join others on **Thursday, November 10th** at 5:30pm at Resurgence Brewing Company, 55 Chicago St, Buffalo, NY 14204. The event is also listed on [Facebook](#) and on the [Green Drinks webpage](#).

## **Hops N' Rocks 2022**

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

### **Agriculture, Food & Environmental Systems In-service**

The Cornell Cooperative Extension is holding an Agriculture, Food & Environmental Systems In-service from **November 14-18** at Cornell University in Ithaca. The event brings together faculty, educators, volunteers, and industry professionals from various agricultural fields to discuss the latest developments in research and practice. They plan to offer virtual programming on Monday, November 14 and in-person programming from Wednesday, November 16 – Friday, November 18. Programming will be offered in multiple tracks spanning a variety of agriculture related disciplines. Invasive species sessions will take place in-person on November 16-17th, and will cover indigenous perspectives, native pollinator-plant interactions, biotic resistance refuges, utilizing priority setting tools, as well as modes and means of communication on invasive species. In addition, they will offer several plenary events for networking across disciplines. Learn more and register for the conference [here](#).

### **Household Hazardous Waste Dropoff**

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

### **Invasive Aquatic Plant Hydrilla Found at Locations in Niagara River**

The New York State Department of Environmental Conservation (DEC) announced that hydrilla, an invasive aquatic plant, was found at two additional locations along the eastern shore of the Niagara River. The aquatic invasive was found and treated at a marina in North Tonawanda last year. This past summer, a hydrilla plant found by a boat steward during a routine inspection prompted another round of surveys along the Niagara River. Water Recreationists are reminded to "clean, drain and dry" boats and equipment before putting in the water. Hydrilla is a federally listed noxious weed and a prohibited plant under State invasive species regulations. It spreads quickly, outcompeting native aquatic plants for space and interfering with activities such as boating and fishing.

### **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](#).

## **DEC to Expand Reinstein Woods Environmental Education Center to More Than Double its Size**

New York State Department of Environmental Conservation (DEC) plans to expand the Reinstein Woods Environmental Education Center in the town of Cheektowaga, Erie County, and more than double the facility's size. The approximately 7,000-square-foot addition to the education building, will more than double its current square footage and enhance outdoor recreation and environmental education programs offered by Reinstein Woods while improving accessibility for visitors with mobility impairments and other disabilities. Reinstein Woods is a unique 292-acre complex of forests, ponds, and wetlands surrounded by suburban development. The Environmental Education Center connects people to nature through a variety of outdoor pursuits and provides environmental education to youth and educators through the school year, after-school, and summer camp programs. The new facility will contain spaces that are inclusive and welcoming for all. For example, the structure will include space for outdoor mobility equipment such as trail scooters and gender-neutral bathrooms. The expanded facility will also add new space for exhibits and outdoor recreation equipment, including snowshoes and cross-country skis, and a 1,400-square-foot multipurpose room for environmental meetings and presentations.

The \$7 million project will be funded by the Environmental Protection Fund and the New York Works statewide capital infrastructure program. DEC is making strategic investments through its AdventureNY initiative to enhance public access to state lands and facilities and connect people with nature and the outdoors. Construction is expected to begin in 2024 and be completed 2026.

### **Erie Community County Climate Action Planning**

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

### **Free Complete Streets Workshops for Communities**

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

### **DOI Funding Guide for Invasive Species Management**

The Department of the Interior (DOI) released a new Funding Guide for Invasive Species Management. The purpose of this guide is to compile information on DOI funding opportunities that could support projects that manage invasive species (e.g., prevention, detection, control/eradication, restoration), primarily posted on Grants.gov and Sam.gov. It is important to note that information is subject to change. All funding opportunities are subject to the availability of appropriated funds; a program that is listed may not offer funding in any given year. This guide is a starting point. Other DOI funding opportunities may exist that are not included here or that are broader in scope yet could be appropriate for invasive species management. View [here](#).

### **How to file a report to the DEC**

See dark smoke or dust rising from an industrial site, or smell something foul? Visit [here](#) to file a report, or, for rapid response, call **1-844-DEC-ECOS** (1-844-332-3267) or the **NYS Spill Hotline (1-800-457-7362)**.

## **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!

## **Municipal Training Resources from LEWPA**

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

## **“State of the Great Lakes” 2022 Report**

The Governments of Canada and the United States are pleased to release the [State of the Great Lakes 2022](#) reports, which provide an overview of the status and trends of the Great Lakes ecosystem. There has been tremendous progress to restore and protect the Great Lakes, including the reduction of toxic chemicals, and a reduction in the establishment of new non-indigenous aquatic species. However, some indicator assessments demonstrate that there are still significant challenges, including the impacts of nutrients, especially in Lake Erie and localized areas, and the impacts of invasive species. Climate change is already exacerbating some threats. The continued actions of many groups and individuals are contributing to further improvements in the Great Lakes. Overall, the Great Lakes are assessed by the State of the Great Lakes indicators as Fair and the trend is Unchanging.

## **Local Actions Continue to Support Nation-Leading Directives in New York's Climate Act**

The newest Western New York communities to achieve bronze certification in the [Climate Smart Communities Certification \(CSC\) program](#) are the [Village of Lancaster](#) (Erie County) and [City of North Tonawanda](#) (Niagara County). By taking meaningful actions to mitigate and adapt to climate change, these local governments successfully met the criteria to be recognized as leaders and become certified in the 2022 third-quarter round of the CSC Certification program.

## **eBird Helps Track Your Bird Sightings**

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

## **Nonnative Tree Population Increase - USDA Forest Service Report**

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

## **Tax Credits for Energy Efficiency Upgrades Extended**

As part of the Inflation Reduction Act (IRA) of 2022, federal tax credits for energy efficient home upgrades have been extended. This means that if you made any qualifying home improvements to your primary residence after December 31, 2021, you may be eligible to claim credit on your federal taxes when you file for 2022. ENERGY STAR certifies a wide range of products for your home that help you save energy, save money, and protect the climate. The list of ENERGY STAR certified products that qualify for a federal tax credit range from equipment and products for your home, as well as improvements to your home's envelope or exterior - such as windows, doors, insulation, and similar items. To learn more about the tax credits that have been extended, you can read through the [property tax credit](#) guidance featured on the ENERGY STAR website. Additionally, [Renewable Energy tax credits](#) have also been extended and will be available through the end of 2023. These include incentives for Geothermal Heat Pumps, Residential Wind Turbines, Solar Energy Systems, and Fuel Cells. For more information and to stay up to date on available tax credits, make sure to bookmark [ENERGY STAR's page on Federal Tax Credits](#) so you can maximize savings on your home energy efficiency projects.

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

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

## **Farmland Protection Grants Available**

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

## **Soil Health Tool**

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

## **Funding for EV Charging Stations**

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

## **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.

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

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

## **Regenerate NY Cost-Share Grants Available for Forest Landowners**

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

## **Buffalo Food Waste Diversion is Available Year-Round**

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

## **NYSERDA Green Jobs Green New York Energy Studies**

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

## **New Platform can Track Carbon for Individual Trees**

The new nonprofit, called [CTrees](#) (its motto: "see the forest and the trees"), uses artificial intelligence to analyze satellite and aerial data along with local data from inventories of trees. As trees grow, or when they're lost to logging or fires, CTrees can use new satellite images to keep a running estimate of the total carbon. The methods, based on two decades of science, "come close to the accuracy of the gold standard" of on-the-ground measurement, says Sassan Saatchi, a senior scientist at NASA's Jet Propulsion Laboratory, who is helping lead CTrees as a side project.

## **Recycling Conundrums- Why aren't all #1 Plastics Recycled?**

The #1 plastics, known as PET (polyethylene terephthalate) plastics, can be recycled if they are bottles (shampoo, soda, salad dressing). Those #1 plastic clamshell containers (berries, bakery items etc.) are not acceptable. Why? These containers are made by thermoforming which creates the package by stretching a heated sheet of plastic over a mold. Thermoformed plastics have less viscosity and are more brittle, making these plastics unsuitable for bottle production. So it's essential to separate thermoformed PET from other PET containers when recycling as most facilities lack sorting equipment that can separate thermoformed packaging from other plastics. What can you do? Read more and check out the suggested actions [here](#).

### **“Hold the Plastic, Please”**

Beyond Plastics has created a thorough, practical, and inspiring guide to help any restaurant that is interested in reducing its use of plastic make key switches and communicate them effectively to existing customers, prospective customers, the media, and the general public. [The free guide](#) offers practical advice, tools, resources, and case studies of two restaurants who have successfully reduced their use of plastic.

### **Biomimicry Podcasts**

Two new podcasts about using designs from the natural world are available. [Biomimicry to Inspire and Design Better Systems](#) by Janine Benyus is the co-founder of Biomimicry 3.8 and Biomimicry Institute. She is a biologist, innovation consultant, and author of six books, including Biomimicry: Innovation Inspired by Nature. [Treasuring your Emotional Connection to the Natural World](#) by Joanna Macy, Ph.D, author and teacher, is a scholar of Buddhism, systems thinking, and deep ecology. A respected voice in movements for peace, justice, and ecology, she interweaves her scholarship with learnings from six decades of activism. Her wide-ranging work addresses psychological and spiritual issues of the nuclear age, the cultivation of ecological awareness, and the fruitful resonance between Buddhist thought and postmodern science.

### **DEC Releases Draft Great Lakes Action Agenda**

The New York State Department of Environmental Conservation (DEC) recently released the draft [New York's Great Lakes Action Agenda 2022-2030](#), a multi-year action plan to guide restoration and conservation, and foster sustainable, resilient, communities in New York's Great Lakes region. The Action Agenda advances a wide range of efforts to safeguard water quality, improve habitats for fish and wildlife, manage invasive species, promote sustainability, and enhance community resilience to climate change in a region that spans more than 40 percent of New York State's land area and includes Lake Erie, the Niagara River, Lake Ontario, the St. Lawrence River, and respective watersheds. Public comments will be accepted **until November 11, 2022, and may be submitted to [greatlakes@dec.ny.gov](mailto:greatlakes@dec.ny.gov)**.

### **Is Your Congregation Cool?**

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

### **Lead Pipes in your House? Get a Free Water Test**

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

## Help Track Spotted Lanternfly

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

## Box Tree Moth Watch

The New York State Department of Agriculture and Markets (AGM) has confirmed the detection of [box tree moth](#) in parts of Western New York. Box tree moth is an invasive pest from East Asia that poses a major threat to the boxwood plant, an ornamental shrub that is a valuable part of the U.S. nursery industry, with an annual economic impact estimated at \$141 million (American Hort). AGM is urging residents and the horticultural industry to spot and report the box tree moth to the Department through its reporting tool at: <https://arcg.is/1Df8Se>.

## Hemlock Woolly Adelgid Management

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

## Reuse Action in Action: Source for Reusable Materials

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

## Resources for Buying an Electric Vehicle and Charger

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

## Recycle Right Website

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

## Grants for Youth Field Trips

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



## **Bird Migration Platform**

[Bird Migration Explorer](#) is a first-of-its-kind, free, interactive, digital platform that visualizes the heroic annual journeys of 458 North American migratory species. Available in [English](#) and [Spanish](#), you can use the Explorer to see the incredible journeys of migratory birds throughout the year, how they connect us across the hemisphere, and the various challenges they face along the way. By mapping where, when, and how extensively species are exposed to human activities and environmental changes, we can develop more effective solutions that will maximize benefits for birds and people.

## **Farm to School Program Stickers Order**

As farm to school efforts continue to grow across the country, we invite you to spread the word! Stickers say "I dig local foods". Order these FREE fun 2-inch stickers to share with students to encourage them to go "Loco for Local"! The following entities may order stickers: Child nutrition program operators, Schools participating in the National School Lunch and School Breakfast Program, Child care institutions and facilities that participate in the Child and Adult Care Food Program, Summer meal sites that participate in the Summer Food Service Program, State agencies administering the child nutrition programs and State Departments of Agriculture. [Order Your FREE Stickers Here!](#)

## **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.

## **Free *Conservationist for Kids* Magazines and NY State Parks Passes for 4<sup>th</sup> Graders**

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

## **Teacher's and Home-Schooling Resources**

[Ocean Odyssey](#) -NOAA educational materials with 8 elementary school lessons.

[Recent Resource Freebies](#)- grants, websites

[NEED's Energy Awareness Month Website!](#)-Each year, the U.S. Department of Energy designates October as Energy Awareness Month. During the month, many schools undertake energy efficiency and conservation activities.

[Project WET Clean and Conserve Online Training](#)-Project WET Foundation and Ecolab's Clean and Conserve Education Program include an activity guide for educators containing five water conservation and hygiene lessons. Each activity has its own short, online training freely available to educators.

## [Our World in Data Website](#)

[Climate Change Action Resource Library](#) for educators, youth, and community leaders who are looking to download curricula, toolkits, discussion guides, and watch videos all in one place.

[Discover the Forest: Education Activities](#)-The free activities, including activities such as Identifying Trees, Geocaching, and Playing Agents of Discovery, and resources are designed for parents to explore the outdoors with youth ages 8-12.

[Nature awards. Science in shorts.](#)-videos showcasing science research.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Additional resources](#)

## Contests, Fellowships and Awards

[Presidential Awards for Excellence in STEM Teaching Excellence Award](#)-The National Science Foundation (NSF) administers Presidential Awards on behalf of the White House Office of Science and Technology Policy (OSTP). The awards are the nation's highest honors for teachers of STEM, including Computer Science. This year's (2022-2023) awards will honor teachers working in grades 7-12. Nominations close **January 9, 2023**.

## Grant and Scholarship Opportunities

[Lake Erie Watershed Protection Alliance Funding](#) -The New York State Department of Environmental Conservation announced a funding opportunity for implementing projects being offered through the Lake Erie Watershed Protection Alliance (LEWPA). This funding opportunity seeks proposals that will implement projects related to water quality improvement or protection projects and water-related climate resiliency projects in the Niagara River/Lake Erie Watershed. This opportunity is primarily for projects in Erie County, but projects that have benefits in more than one of the three LEWPA counties (Cattaraugus, Chautauqua, and Erie) may receive funding by more than one county. Deadline: **November 3, 2022 by 4:00 PM**.

[Strengthening Coastal Communities Resilience Challenge](#)- invites U.S. Great Lakes coastal communities with populations of less than 250,000 from NOAA-defined coastal shoreline counties to form multidisciplinary teams to apply to join a one-year technical assistance program to: Assess community flood vulnerability, Develop natural and nature-based solutions through planning, Identify potential funding sources to support project implementation, and Build a community of practice among local, state, academic, and NGO partners. Deadline: **November 9**.

[Great Lakes Restoration Initiative \(GLRI\) Grant Program](#). This program will support reforestation, ecosystem restoration and forest health improvement in the Great Lakes Basin through an agreement with the U.S. Environmental Protection Agency. This year, we are announcing and awarding funding through two grant opportunities at the same time: (1) Cooperative Weed Management Areas (CWMA); and (2) Forest Restoration (FR). We anticipate that up to \$850,000 in funds will be available for the CWMA grant, and up to \$4.15 million for the FR grant. Deadline: **November 14<sup>th</sup>**

[Northeast IPM Center Funding Opportunities](#) through two programs: the Partnership Grants Program and the Pest Management Strategic Plans (PMSPs) and Production/Management Profiles (PMPs) Grants Program, both supported by the USDA National Institute of Food and Agriculture. The IPM Partnership Grants Program supports three project types: IPM Applied Research, IPM Working Groups, and IPM Communications. Up to \$200,000 in total will be available for 2023, generally with a maximum of \$40,000 per award, although projects that meet the criteria for a diversity-focused competitive preference priority may apply for up to an additional \$10,000. There is a 24-month time limit on funded projects. Deadline: **November 15**.

[Vernier Science Education Inspiration Grants](#)-STEM educators Grantees will be selected based on various factors, including how they currently or plan to engage their students through creative implementation of Vernier technology and the needs of their school. Deadline: **November 30**.

[New York State Water Resources Institute Request for Pre-Proposals](#)-invite researchers from across the state to submit pre-proposals for applied research, outreach, and policy analysis to WRI in support of WRI's Statewide Water Research and Outreach Agenda. The primary objective of this funding opportunity is to provide research and assessment support to watershed-based management, policy, outreach, and education. Deadline: **November 30**.

[Park and Trail Partnership Grant](#)- Are you New York State OPRHP or DEC property? Does your organization need funding to: Update your exhibits or signage, increase your marketing efforts to increase your memberships, replace or purchase new park or site amenities to enhance the visitors experience. Deadline: **December 9**.

[Farm to School Grants](#)-Each grant helps implement farm to school programs that increase access to local food in eligible schools, connect children with agriculture for better health, and inspire youth to consider careers in agriculture. Deadline: **January 6**.

[20th Annual P3 Awards: A National Student Design Competition Focusing on People, Prosperity and the Planet](#)- Teams may be composed of undergraduates and/or graduate students. Each student team must include a faculty advisor who must be a professor at the participating academic institution and will serve as the Principal Investigator throughout the P3 competition and grant award process. Deadline: **February 1**.

[The Outdoor Recreation Legacy Partnership \(ORLP\)](#) is a nationally competitive program targeting grant assistance to help economically disadvantaged urban communities with no, or almost no, access to publicly available, close-by, outdoor recreation. Funds can be used for the acquisition and/or development of, or to substantially renovate obsolete, public parks and other outdoor recreation spaces. Projects are selected for funding by the Director of the NPS. Deadline: **May 31, 2023**.

[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**

[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**

[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**.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

## Employment and Internship Opportunities

[Aquatic Invasive Species Program Manager WNYPRISM](#)-The Aquatic Invasive Species Program Manager (Program Manager) will work to engage the public and partners in aquatic invasive species spread prevention and management. Deadline: **November 4**.

[SPCA Education Program Specialist/Humane Educator](#)- Deadline: until filled.

[Digital Communications Coordinator: Buffalo Niagara Waterkeeper](#)- Deadline: **November 18**.

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

[4-H Youth Development Educator](#)-Join our dynamic team at the Erie County 4-H Program to help young people learn, grow, and thrive! The 4-H Educator will be responsible for coordinating and delivering hands-on experiential learning opportunities for young people ages 5-18 across Erie County, especially in the areas of: 4-H club management, volunteer management and training, Agriculture in the Classroom, and county-wide events such as 4-H Public Presentations and the Erie County Fair Youth Development Building. The 4-H Educator will also connect volunteers and community partners to resources in these key areas: STEM (science, technology, engineering, and math), agriculture, civic engagement, and healthy living. Deadline: **November 8, 2022**.

[Aquarist I](#)-Aquarium of Niagara. Deadline: until filled.

[Aquarist II](#)-Aquarium of Niagara. Deadline: or until filled.

[Education Content Specialist](#)-Aquarium of Niagara. Deadline: until filled.

[Climate Programs Internship: Remote](#)-(15-20hrs/week, fully remote position, \$15/hr. Deadline: until filled.

[Environmental Planner/GIS Coordinator](#)-City of Niagara Falls. Open until filled.

[PUSH Buffalo Executive Director](#)-**Open until filled**.

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

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

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

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

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

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

[Paid Internships in the Energy Sector in NY](#)- By participating in New York State's Clean Energy Internship Program, you will gain hands-on experience in the growing clean energy sector as either a part-time or full-time paid intern in one of many potential roles.

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

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

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

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

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

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

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

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

[Other Citizen Science Programs](#)

[More](#)

## Upcoming Community Activities:

### Tuesday, November 1

**IMAGINE Greater Buffalo**-12:30 to 1pm. Virtual. [Speaker and theme](#) changes weekly. [Link](#).

**Taste: My Life Through Food" by Stanley Tucci**- 4pm. Reviewed by Andrew Galarneau, Buffalo News Food Editor. Audubon Senior Center, 370 John James Audubon Parkway, Amherst, NY 14228.

### Wednesday, November 2

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

**Olmsted Community Alliance Quarter 4 Meetings**- RSVP here: [bfloparks.org/oca/rsvp](https://bfloparks.org/oca/rsvp). Delaware District (Delaware Park, Bidwell, Chapin, Lincoln Parkways, Colonial, Gates & Soldiers Circles) | 6:00pm - 7:30pm, Parkside Lodge, 84 Parkside Ave, Buffalo, NY 14214

**The Local Government Training Workshop for Healthy Watersheds and Resilient Communities**- 9:30 a.m.-4:30 p.m.; Clarion Hotel, 30 Lake Shore Dr E, Dunkirk, NY; For workshop cost and to register for an upcoming workshop, please see [www.nyseagrant.org/2022GLFloodplainsTraining](https://www.nyseagrant.org/2022GLFloodplainsTraining), or call 315-312-3042 for assistance.

**Harnessing Microbial Diversity for the Bioeconomy**-Webinar from 11:30am to 2pm. National Academy of Sciences. Will include two sessions: Biodiversity of Microbes: Scientific Challenges and Opportunities, Building the Bioeconomy: Harnessing Diversity and Unique Functions of Microbes. [Register](#).

**Shaping sustainable retail and consumer-goods ecosystems: impact beyond organisations**-11am webinar Hosted by Economist Impact and sponsored by EY, [Register free](#)

**Behind the Scenes: Cabinet of Curiosities**- 6:00 PM - 8:00 PM. Take a peek into the Vertebrate Zoology Collection's spine-tingling Cabinet of Curiosities to explore the mind bending stories of some of nature's unique freaks, morbid mistakes, and seemingly scientific impossibilities! Marvel at obscure oddities, glimpse the wildly unusual, and satisfy your macabre interests. Feeling enticed yet? We invite (dare) you to join us for a hair-raising tour to get an eyeful of all this, and more. You truly never know what you might encounter in the Cabinet! Age: Adults 18+, Cost: \$30 per participant, 10% off for members. [Register](#).

### Thursday, November 3

**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.*

**Start your own Seeds**-3:00pm ET webinar. There are many reasons to start your own seeds. Join Master Gardener and Green America staff member Molly Bouffard-Briglia to learn the ins-and-outs of starting your own seeds. In this webcast, Molly will share how starting your own seeds can give you more choices and provide better yields. She will also teach us why winter is the perfect time to start in on the fun and help us all create our own gardening calendars! [Register](#).

### Friday, November 4

**South Towns Gardeners Meeting**- 9:30 a.m. 4 at the West Seneca Senior Center, 4620 Seneca St., West Seneca. The club will make hanging bird treats. Guests and new members are welcome. For more information, call 716-668-0209.

**Western New York Meteorology Society Meeting: Winter Skywarn-** Hosted by the National Weather service, 7 PM, Buffalo State College, 1300 Elmwood Ave, Buffalo, NY 14222. Bulger Communications Center, Lecture Room 217. Important - Park in lot I-37. [Link](#) to Parking Map. The National Weather Service just decided to require [pre-registration](#) for this event to ensure we don't have too many people there, and also to have contacts in case we need to cancel.

**What's Bugging You First Fridays-** 12:30 to 1pm. See [details and registration information here](#) or call CCE Chautauqua at 716-664-9502.

**3 Sisters Potluck-** Pelion Community Garden at City Honors School 5-6:30pm (rain date 5 NOV 5-6:30pm), <https://www.facebook.com/PelionGarden/events>. We will have the camp stove setup for popping corn and simmering a HUGE pot of butternut squash soup! Please bring your favorite recipes featuring corn, beans, or squash. If you do not have time to cook, please bring any of the following: jug of cider, grape juice, tea, thermal cups, utensils, serving tools, bowls, or desserts. [Info](#).

**Preparing Critical Infrastructure for Climate Change: Water Utilities Leading the Way-** Webinar at 1:00 p.m. EDT. [Info and registration](#).

**Sensory Aspects of Hops-1** to 2:30pm webinar. Will demonstrate how to use sensory education to enhance the quality of your brews. We will also address the hops industry's operation and how to connect with producers. [Register](#).

## Saturday, November 5

**Outdoor Skills** -10am. In this program, you will build an emergency shelter from natural materials and practice navigation and fire-building techniques. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Center, Depew.

**Foundations of Horticulture: Soil Science for Gardeners** –On-site at the Botanical Gardens-in the Administration Building, Saturdays, 10:30am-12:30pm. \$25 per class, \$22.50 per class for Members. [Register for one class or whole series](#).

**Woods Walk: Trees** -1pm. They look dead as winter approaches, but what's really going on with these wonderful plants, anyway? No registration required. Reinstein Woods Nature Center, Depew.

**Volunteer for plantings and clean up with The Tool Library-** 9 am , ReTree Fall Planting. Meet at The Tool Library, 5 W. Northrup Pl. Sign up [here](#).

**Chestnut Ridge History Walk: Chestnut Ridge-** 10:00 am at Chestnut Ridge - Casino Flagpole. Join Ranger Nikki for a hike through time as we discuss the history that made Chestnut Ridge the park it is today! Bring your own stories from the past as we learn about our oldest heritage park! [Register](#).

**A Dose of Nature: Pet Friendly Walk-** 10:00 AM - 11:30 AM at Beaver Island Nature Center. Escape the stress of everyday life and reconnect with nature. Join us for a walk with your furry friend. All dogs must remain on leash for the duration of the walk. Note: Please only one dog per person. To register call (716) 282-5154.

**Buckhorn Island Peninsula Hike-** 10:00 AM - 01:30 PM at Buckhorn Island State Park. Intermediate level hike to Eagle Point on the Buckhorn Island peninsula. This hike is designed for those seeking the thrill of a more demanding nature walk. Bring a bagged lunch, water and comfortable footwear. To register call (716) 549-1050.

**Beginner Birding: Beaver Meadow Nature Center** - 10:00 AM to 11:30 AM. Join us for a beginner birding program at Beaver Meadow! Naturalist Tom Kerr will go over everything you need to know including how to choose binoculars, finding a field guide that suits you, and which apps to download to keep you connected to the birding world. General Public \$15/BAS Members \$10. [Register](#).

## Sunday, November 6

**River Ramble-** 10:00 AM - 12:00 PM at Beaver Island Nature Center. A hike along the Niagara River to enjoy migratory waterfowl, late season wildflowers, the beaver island lagoon, and other discoveries made along the way. To register call (716) 549-1050.

**A Dose of Nature: A Stroll Through the Park-**2:00 PM - 03:30 PM at Wilson-Tuscarora State Park. Enjoy a walk along the creek and through the woods as we explore this park in the autumn air. To register call (716) 282-5154.

## Monday, November 7

**Clean Air Coalition Fundraising Training-** 6-7:30pm for our annual Fundraising Training! 371 Delaware Ave., Buffalo. We all have a complicated relationship with money, but fundraising for an organization you care about like Clean Air isn't just about money, it's about building the relationships and power we need to run and win our bold and visionary campaigns. Join us to explore your relationship to money, how to build relationships and power through fundraising, and more! [Register.](#)

**Family Full Moon Hike-** 6:30 PM - 8:00 PM. Enjoy the autumn night with a guided stroll in search of industrious beaver and other wildlife preparing for winter beneath November's Full Moon. Flat accessible trails. No headlamps, please. Advance registration required. Space is limited. Cost: \$8 per person, members save 10%. Age: 5+, [Tickets.](#)

## Tuesday, November 8

**Kenmore Garden Club** -will meet at 10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. "Transitional Holiday Designs" will be presented by Theresa Marone, sole proprietor of Floral Accents Flower Shop in North Tonawanda where she creates amazing arrangements. She will demonstrate how to make arrangements that can transition from Thanksgiving to Christmas. These designs will be raffled at the end of her presentation.

**Explore the Cacti and Succulent Greenhouse in a Gardens Exclusive-**6 to 7 p.m. at the Buffalo and Erie County Botanical Gardens, 2655 South Park Ave., Buffalo. Arrive after hours for an exclusive, in-depth tour of the Cacti and Succulent Collection. Participants will go behind the scenes to learn about different succulent species housed at the Botanical Gardens, how the collection is cared for, and more. Pick up some tips and tricks for cultivating your own cacti & succulent collection with this fun, exclusive experience. Each participant will also take home a plant propagated from the Botanical Gardens' plant collection. Admission is \$30 per person and \$27 per member. Reserve your spot [here.](#)

**Toddler Tuesday: Beaver Meadow Nature Center-**10:00 AM to 11:15 AM. Come out to Beaver Meadow for Toddler Time! We will be having story time, snacks and a small hike to nature play! General Public \$15/BAS Members \$10. [Register.](#)

**IMAGINE Greater Buffalo-**12:30 to 1pm. Virtual. [Speaker and theme](#) changes weekly. [Link.](#)

**Celestial Shadows: Lunar Eclipse Watch Party-**5:30 AM - 06:30 AM at Artpark State Park (Earl W. Brydges) Catch the end of the lunar eclipse--and your breath at the beauty that will be before your eyes--as we observe Earth's shadow across the surface of the moon. To register call (716) 282-5154.

**Little Tykes on the Trails-**Tiff Nature Preserve, 9:30 AM - 11:00 AM. Enjoy a morning of early childhood fun with a story time, guided trail walk, and playful activities to help foster the nature explorer in your child. Bring your own snack to enjoy in the Center or on the Deck. Rain or shine. Advance registration required. Space is limited. Ages 3-5, Cost: \$8 per child with adult. BMS Members save 10%. [Register.](#)

**ADK-NFC Meeting and Presentations**-6:30 pm in person at Amherst Community Church, 77 Washington Hwy, Amherst, NY 14226. Let's get ready for the snow! Join us on November 8th at 6:30PM for a X-Country/ Snowshoe workshop presented by the Snowflake Ski Shop of Lockport, NY. We'll be learning about proper layering, waxing, the various types of skis and snowshoes used in these fun sports, and the benefits of each. This workshop will be great for beginners as well as seasoned outdoor adventurers who are looking to update their equipment. The talk will be given by "Silent Seasons" author, Laura Evans, who will discuss sustainability, environmental law, and the process of writing her book. She is a planner, inactive environmental lawyer, and creator/host of the "Keeping Things Alive Podcast." Laura is passionate about fostering a better relationship between humans and the Earth.

### Wednesday, November 9

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

**Senior Stroll** -10am. Experience nature at your own pace and enjoy a leisurely hour-long guided walk through the woods. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Center, Depew.

**WNY Stormwater Coalition Meeting**-2 pm - 3:30 pm In-person and ZOOM. Please contact Mary MacSwan at [mary.macswan@erie.gov](mailto:mary.macswan@erie.gov) for meeting details and updates.

**Wild Wednesday** -4:30pm. Together, 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 Center, Depew.

**Oceanda: Aquarium Fundraiser**- 6 to 9pm. Watch as local chefs slice, dice and sauté some savory dishes using sustainable seafood — then sample their creations! It's the Aquarium of Niagara's sustainable seafood tasting event. Artisan Kitchens & Baths, 200 Amherst Street, Buffalo. Tickets include small plates, a gourmet assortment of cheese and charcuterie, and unlimited wine and beer. Learn how to make sustainable seafood choices in your own kitchen that help save species and conserve ocean health. [Tickets.](#)

**Buffalo Ornithological Society Meeting**- 7pm. Buffalo Museum of Science, Cummings Room.

### Thursday, November 10

**Green Drinks**-5:30pm at Resurgence Brewing Company, 55 Chicago St, Buffalo, NY 14204. The event is also listed on Facebook and on the Green Drinks webpage. <http://www.greendrinks.org/NY/Buffalo>, <https://www.facebook.com/events/785959895809748>

**"We Need to Talk about the Honeybee"**-1:00 PM - 2:00 PM ET. Webinar. To help ensure healthy ecosystems and successful harvests, pollinator conservation is essential. For many people, pollinator conservation is synonymous with the honey bee and beekeeping, but the story is bigger than that; much, much bigger than that. As we work to conserve pollinators, we need to ensure that our efforts are best directed where they are needed most, and not just at what is easiest to accomplish. While honey bees are important for our current agricultural systems, their role in our natural areas, and even in our urban and suburban areas, is more complicated. Join Xerces Society Senior Conservation Biologist Rich Hatfield for an honest conversation about the unseen consequences that a focus on honey bees can have, and how we can focus our actions in ways that will create positive change, for all pollinators. This webinar will be recorded and available on our YouTube channel. Closed Captioning will be available during this webinar. [Click here](#) for more information and to register.

**Science in the Pub**- @ 7:00 pm EDT -Speaker TBD. [Register.](#)

**The Town and Country Garden Club-** will meet at 11:30 a.m. for lunch at the Blackthorn Restaurant, then tour the Buffalo and Erie County Botanical Gardens at 1 p.m. For more information or to attend, contact Linda Anscombe, membership chairperson, at 716-688-2985 or [lanscombe@roadrunner.com](mailto:lanscombe@roadrunner.com). The club welcomes new members.

**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.*

**Mutual Aid in the Great Unraveling-**2pm ET. Join us for this free two-part online event (part-two on 11/17). We'll discuss why social ties are so crucial in determining how well our families and communities fare in crisis and look at examples of times when mutual aid and other forms of solidarity transformed the fate of communities. We'll also cover how you can help build social ties and mutual aid networks in your own community. [Register](#).

**Sustainable Cities Talk-**Hosted by Economist Impact and sponsored by Arcadis 10am webinar. Free. [Register](#).

**Full Moon Beer Tasting and Owl Prowl** - Beaver Meadow, 7:00 PM to 9:00 PM. Join us for a craft beer tasting of Western New York brews before we enjoy a hike under the beautiful November moon to listen for owls in the distance. Come join us and enjoy Beaver Meadow after dark! Ages 21+ (\$20 BAS members, \$25 General Admission) [Register](#).

## Friday, November 11

**Dinofest Sensory Night-**Buffalo Science Museum 5-8pm. Limited exhibit sounds will provide a comfortable and fun evening of learning and exploration! Plus, all guests may enjoy hands-on sensory activities featuring dinosaur movement, kinetic sand fossil digs, arts and crafts, and so much more. Space is limited. [Tickets](#).

**Opening of Curious by Nature: Works by Charley and Edie Harper-** Roger Tory Peterson Institute, Jamestown. 6 to 8pm. The two-hour opening celebration will be a wonderful introduction to this exhibition and will include comments on the exhibition by Dr. Natasha Ritsma, Director of the Schingoethe Center at Aurora University. Dr. Ritsma is an expert on this exhibition and has spoken about it many times. Registration and [tickets](#) are required and tickets are free for current museum members. Regular admission prices apply for non-members.

**Western New York Peace Center Dinner-** 55th year celebration from 5 - 9pm at UB. In collaboration with UB Food Systems Planning and Healthy Communities Lab, we are pleased to host food justice activist Leah Penniman as our keynote speaker. In this year's theme of "Planting Seeds of Justice, Harvesting Peace," we hope to continue our mission of promoting peace through justice at home and abroad. [Purchase tickets](#).

**Harvest Wreath Workshop-**6:00 PM - 7:30 PM. Use the bounty of materials that nature provides in the fall to create a beautiful make-and-take 14 inch wreath. All materials will be provided. Participants are welcome to bring items of their own to add. [Advance registration required](#). Space is limited. Age: 18+. Cost: \$15 per person. BMS Members save 10%.

**Free Fishing Day-**No state permit needed for this day.

## Saturday, November 12

**Project FeederWatch** -10am. Learn how to identify winter feeder birds, what to feed them and how to count them for Project FeederWatch, a community science project across North America. For adults and children ages 10 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Center, Depew.

**Wright Rocks!, a special geological tour of Graycliff-** 11:30 a.m. at Graycliff, 6472 Old Lakeshore Rd., Derby. Discover the history of the land, the architecture, and the material choice of architect Frank Lloyd Wright. This 90-minute tour of Graycliff, led by a Penn Dixie staff member with expertise in the geological significance of the site, includes both floors of the main house. Tickets are \$35 for adults and \$15 for students. Buy tickets [here](#).

**The Buffalo Bonsai Society**- will meet at 1 p.m. at the Critchen Restaurant, 3377 Clinton St., West Seneca. Guest speaker Ron Maggio will present the “Art of Suiseki.” [Info.](#)

**Woods, Woofs, and Walks**-10:00 AM - 12:00 PM at Knox Farm State Park. Treat yourself and your dog to Saturday morning stroll led by a naturalist and her dog. To register call (716) 282-5154.

**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. To register call (716) 282-5154.

**Birding Field Trip**-7:30am. 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). Katelyn Davis and Devin Banning (716-260-8889; [bann3094@fredonia.edu](mailto:bann3094@fredonia.edu)). 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.

**Dinofest 2022**-10:00 AM - 4:00 PM. Get ready to stomp and roar, because our annual day of family-friendly dinosaur fun is BACK! Gather your budding paleontologists and geologists to explore our giant dino dig pit, learn how to walk like a dinosaur, meet real dino scientists and learn about their discoveries, and more! Skip the line and [purchase your tickets online in advance.](#) Age: All ages. Cost: \$20 for adults | \$17 for children, FREE for members.

**Tracking Turkeys: Beaver Meadow Nature Center**-9:00 AM to 11:00 AM . Join us for donuts and coffee before we embark on a hike to find the elusive Wild Turkey. We will spend our time in search of finding the flock. Expect to hear the sounds of The Wild Turkey as our staff will provide a live calling demonstration. Ages 8+ (\$10 BAS members, \$15 General Admission). [Register.](#)

**BWELL Behind the Scenes at the Aquarium of Niagara**-3 to 5pm, limited spaces, free event. On this tour, we will highlight the ways the aquarium staff work hard to ensure good animal nutrition, working life support systems, and novel enrichment opportunities. The health and welfare of their animal collection is at the heart of everything they do! [Register.](#)

### **Sunday, November 13**

**Hunting Season Awareness**- Hunter's Creek Park 10:00 AM at Sergeant Mark A. Rademacher Memorial Park/Hunters Creek - Meet at the Centerline Lot. Join Ranger Greg as he teaches you how to stay safe in the autumn woods! Adventuring into the outdoors during the fall hunting season can be a precarious event for some, but it shouldn't be. Learn about hunting/trapping seasons, hunting/trapping regulations, and how to kindly and safely share the woods with every type of outdoor enthusiast. [Register.](#)

### **Monday, November 14**

**Nature Book Club: A Stranger in the Woods by Michael Finkel**-Join us at 7pm on Zoom for the Nature Book Club, a new, environmental-focused book club. The Stranger in the Woods by journalist Michael Finkel is a 2017 nonfiction book about the “North Pond hermit,” who has lived in the Maine wilderness alone for 27 years. Through letters and interviews, the author learns about his origins, survival tactics, and burglary raids that made him a local legend. [Link.](#)



## Tuesday, November 15

**The Niagara Frontier Botanical Society-** will meet at 7:30 p.m. at the Harlem Road Community Center, 4225 Harlem Rd., Snyder. Kyle Semmel, Communications Manager of the WNY Land Conservancy, will present “The Western New York Wildway: Protecting and Connecting our Region’s Forests.” All welcome.

**IMAGINE Greater Buffalo-**12:30 to 1pm. Virtual. [Speaker and theme](#) changes weekly. [Link](#).

**Technology Helping Nature-** 7:00 PM - 8:30 PM. Technology doesn’t have to be contrary to enjoying time in nature. During an indoor, informative presentation, find out how to use your smartphone or other device to learn more about the natural world and even help scientists collect data. Please bring a smartphone or cellular tablet to this program. [Advance registration required](#). Space is limited.

## Wednesday, November 16

**Spotted Lanternfly and the Potential Impacts on the Maple Syrup Industry-**10:00 - 11:00 AM. Join Penn State Extension Educator Brian Walsh as he discusses what is known about the spotted lanternfly and observations about maple trees that provide insight as to the impact the insect could have on the industry. [More information and registration here](#).

**Push for Energy Justice-** 3:00pm ET. Get an insider view on one of Green America’s most successful campaigns. Green America is putting pressure on the telecom sector, which uses massive amounts of energy, to move towards 100% renewable energy while prioritizing energy justice too. And we are seeing some of the largest corporate clean energy purchases as a result. But much more needs to be done. Not sure what "energy justice" is? Wondering how to get involved? Meet Climate Campaigns Director Dan Howells, find out which companies are taking action and which are lagging behind, and learn how you can help encourage the major telecoms to accelerate their transitions to renewable energy while advancing energy justice! Check out [part one of our report](#) Calling for Clean and Just Transition as we prepare to release part two – rating how each major telecom is doing on energy justice. [Register](#).

**Breaking through Barriers: Resilience in Turbulent Times-** 11am to 5:30pm. WNY Sustainable Business Roundtable Summit. and will feature a keynote address, several small engagement sessions, networking, and vendor opportunities. Make sure to check our [Summit web page](#). [Register](#).

**West Valley Quarterly Public Meeting-** Info will be posted at <https://westvalleyctf.org/>

**Conversations in Science: Simplify the Holidays-**6:00 PM - 7:00 PM. How can we balance gift-giving and mindfulness this holiday season? Join us for an hour of crafting and refocusing with simplicity in mind to guide us through meaningful and sustainable celebrations. This program is presented in partnership with the Center for Biological Diversity and the Simplify the Holidays campaign. Age: All ages. Cost: Free with [registration](#)

**The Buffalo Climate, Jobs, and Justice Package Campaign Launch-**12 pm to 2pm. 429 Plymouth Avenue, Buffalo , NY 14243 . Host Contact Info: Clarke Gocker at [clarke.gocker@pushbuffalo.org](mailto:clarke.gocker@pushbuffalo.org).

**Clean Air Coalition Open House-** 6-7:30PM at 371 DELAWARE AVENUE, BUFFALO 14202. We are excited to welcome you to our new space at Trinity Church, break bread and share about the powerful campaign work our teams have been working on in 2022. [Register](#).

**Autumn Tree I.D-**10:00 AM - 12:00 PM at Knox Farm State Park. A hike through the fall woods to learn some basic tips and tricks to help you to identify trees even after they have lost their leaves! To register call (716) 549-1050.

**Wednesday Woods Walk**-1:00 PM - 03:00 PM at Knox Farm State Park. The fall season is in full swing! Take a walk, through Knox Farm, as we search for autumnal happenings and signs of nature preparing for winter. To register call (716) 549-1050.

#### **Thursday, November 17**

**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.*

**Mutual Aid in the Great Unraveling**-2pm ET. Join us for this free two-part online event (part-two on 11/17). We'll discuss why social ties are so crucial in determining how well our families and communities fare in crisis and look at examples of times when mutual aid and other forms of solidarity transformed the fate of communities. We'll also cover how you can help build social ties and mutual aid networks in your own community. [Register.](#)

**A Discussion on the Top 10 Ways to Reduce Concrete's Carbon Footprint**-1pm webinar. [Register.](#)

**Air and Waste Management: "Food Waste Solutions for NYS Businesses"**-The program will include a presentation by Lisa Pellegrino from the Center for EcoTechnology (ETC). Her presentation is entitled "Food Waste Solutions for New York State Businesses. The social hour will start at 5:30 with the diner at 6:30 and the presentation to follow dinner. Click here to [register](#). **Registrations due by November 14.**

**Managing Food Waste: Overview of Free Technical Assistance Programs**-Join DEC for a webinar on November 17th from 11:00am – 12:30pm to hear an update on the implementation of the Food Donation and Food Scraps Recycling law (effective January 1, 2022) and about two free technical assistance programs available to businesses, institutions, organics recyclers, and others. The free programs are available from Feeding NYS and the Center for EcoTechnology (CET). [Register.](#)

**Buffalo Maritime Center: The 90 Miler Canoe Race**-6pm at Ukrainian American Civic Center, 205 Military Rd. [Info.](#)

#### **Friday, November 18**

**A Stroll Through the Woods**-2:00 PM - 03:30 PM at Fort Niagara State Park. Unwind with a walk, in crisp autumn air. Take in views of the river as the leaves change and fall from the trees. To register call (716) 282-5154.

**Art of Science**-12:00 PM - 12:30 PM. Create your own science craft and learn how it relates to one of our interactive science studios. All materials provided. Age: 3-5. Cost: \$5 per child. [Registration required.](#)

#### **Saturday, November 19**

**White-tail Walk**-10:30am. Explore the world of the white-tailed deer at Reinstein Woods. We will search for their signs and learn how they impact our forest ecosystems. Registration required; call 716-683-5959

**Woods Walk: Cloud Stories** -1pm. Ever wonder how people predicted weather before Doppler radar? Learn a bit about the clouds and what they say. We'll also explore the wonders that are always in the woods along the way. No registration required. Reinstein Woods Nature Center, Depew.

**New Moon Hike**-6:30 PM - 8:00 PM. Explore Tiff's trails on one of the darkest nights of the year! Discover who is active at night at Tiff and how their senses differ from ours. Advance registration required. Space is limited. Cost: \$8 per person, members save 10%. Age: 5+. [Register.](#)

**Gorgeous Gulls** - Devils Hole State Park, 10:00 AM to 12:00 PM. Join us for a hike into the Niagara River Gorge for an up-close view of the gulls on the "roosting rocks" downstream from the Whirlpool. Many different species of Gulls can be seen each year on the Niagara River, and we'll try to find as many as we can. Binoculars are available. Donations gratefully accepted. [Register.](#)

### **Sunday, November 20**

**Buffalo Heritage Carousel-** Ride on a solar-powered carousel. 12-5pm. Canalside.

### **Monday, November 21**

**Visit Tift Nature Preserve-** Trails and Herb & Jane Darling Environmental Education Center open from 10am to 4pm.

### **Tuesday, November 22**

**IMAGINE Greater Buffalo-**12:30 to 1pm. Virtual. [Speaker and theme](#) changes weekly. [Link](#).

### **Wednesday, November 23**

**Collections Live: Geology with Joe-**Buffalo Science Museum. 11am-2pm. Have you ever wondered what goes on behind the scenes at a museum? Museums take care of ‘collections’ – but what does that mean? Collections LIVE is a new initiative to turn the museum ‘inside-out’!

### **Thursday, November 24**

**Pre-gobble Gorge Gallivant-** 09:30 AM - 10:30 AM at Devil's Hole State Park. Feast your eyes on the beauty of the Gorge on a walk led by a grateful naturalist. Perhaps we may encounter wild turkeys! To register call (716) 282-5154.

### **Friday, November 25**

**Makerspace-**Join us for hands-on STEM activities. Ages 6-12. Registration required. Lancaster Public Library. Register at [link](#) or call 716-683-1120.

### **Saturday, November 26**

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

**Goat Island Gull Watch-** 07:00 AM - 09:30 AM at Niagara Falls State Park. The Niagara River houses many species of gull each winter. Come find them and other birds on Goat Island with a park Naturalist. To register call (716) 282-5154.

**Trees Without Leaves-** 11:00 AM - 01:00 PM at Niagara Falls State Park. Can you identify trees without leaves? Yes! Find out how on a guided walk. To register call (716) 282-5154.

**Gorgeous Gulls -** NYPA Fishing Platform, 10:00 AM to 12:00 PM. 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. Donations gratefully accepted. [Register](#).

### **Sunday, November 27**

**Birding along the Niagara River-** Tom O'Donnell (716) 284-5569 and Neal Reilly (518) 256-9147, co-leader Cathy Ballard (585) 322-2621. \*\*\*Please note...we will be crossing into Canada on this field trip. You will need to bring your US passport or enhanced driver's license (or Nexus). All passengers in your vehicle must have a valid US passport or enhanced driver's license in their possession to cross the border. Meet at 9:00am at the large parking lot next to the swimming pool of Fort Niagara SP beach, 1 Scott Avenue, Rt 18F, Youngstown, NY. Please note that this is the lot closest to the Fort, NOT the lot that overlooks Lake Ontario. This will be a joint trip with the Rochester Birding Association. This trip will explore both sides of the Niagara River in the US and Canada. With most locations, a spotting scope will be very helpful so if you have one you will want to bring it! The trip will focus on the arriving waterfowl and gulls as the birds set up their winter ranges. Please plan for this to be a FULL DAY trip. Dress in layers and dress warmly. Bring beverages and pack a lunch. There are restrooms available at Goat Island.

## Monday, November 28

**Monday Meander**-10:00 AM - 12:00 PM at Evangola State Park. A morning walk to get back to nature after the long holiday weekend. We will walk along the lake shore and enjoy views of the Evangola marsh. To register call (716) 549-1050.

## Tuesday, November 29

**IMAGINE Greater Buffalo**-12:30 to 1pm. Virtual. [Speaker and theme](#) changes weekly. [Link](#).

## Wednesday, November 30

**Public Skating at Canalside**- 3 to 7pm. <https://buffalowaterfront.com/events/public-ice-skating>

## Thursday, December 1

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

**Sunrise on Snowshoes**-07:00 AM - 08:30 AM at Joseph Davis State Park. Welcome in the day (and the new month!) on an invigorating snowshoe around the park! Snowshoes available for loan for the duration of the program. To register call (716) 282-5154.

## 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.**

### Spread the Word:

[Clean Water, Clean Air, and Green Jobs Bond Act](#) will be on the 2022 NY ballot, and would fund critical environmental protection, sustainability, and restoration projects across the state, which will create thousands of jobs and help NYS achieve its bold climate goals. This Act would also help fund the electrification of school buses and the charging infrastructure needed so our children don't have to breathe dirty diesel fumes anymore.

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

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

## Tips for the Environment:

**Leave your Leaves-** Keeping our leaves nearby is a simpler, more environmentally-friendly solution, as leaves contain nutrients that are good for the soil. Mulch your leaves in place. Shred your leaves with a lawn mower and leave them on your lawn or add to landscaping as mulch. Save your leaves for composting. Leaves balance out nitrogen-rich materials in your pile like food scraps and grass clippings. One of the biggest challenges to composting food scraps at home is the release of water into your compost pile as the food breaks down. One of the best ways to fix this is to add leaves every time you add food scraps (Compost tip: shredded leaves absorb water better than whole leaves). Insulate your compost bin for the winter. Place leaves around and on top of your compost bin. This will insulate your bin and allow the material to continue to break down throughout the winter. In the spring, you will have fresh compost without waiting for your pile to thaw out, and the leaves can be added to your spring compost pile.

**Vote on or before November 8-** Remember to turn over your ballot for the [Clean Water, Clean Air, and Green Jobs Bond Act](#).

## Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

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

**Buffalo Olmsted Parks Conservancy** will assign volunteers to specific clean up and planting projects throughout the summer. Learn more at [bfloparks.org/volunteer](http://bfloparks.org/volunteer)

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

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

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

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

**Go Bike Buffalo**- If you're interested or want more information, [info@gobikebuffalo.org](mailto:info@gobikebuffalo.org)

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

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

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

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

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

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

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

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

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

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

**Preservation Buffalo Niagara**-Interns & volunteers welcome. [www.preservationbuffaloniagara.org](http://www.preservationbuffaloniagara.org).

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

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

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

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

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

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

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

<http://buffalorising.com>

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

<https://boredommd.com/>

### **Useful Tools:**

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

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

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

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

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

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

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

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

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

[Ecosystem Restoration Handbook](#)

[Sustainable Gardening Library Resources](#)

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

[Buffalo B-WELL Videos](#)

<http://growitsaveituseit.com/>

[toolkit to reduce synthetic fertilizer use](#)

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

[Organics Communications Toolkit to Reduce Waste](#)

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

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

### **Additional local blogs and websites-**

Birds on the Niagara- <http://www.birdsontheniagarafrontier.org/>

Breaking Green Podcast- <https://globaljusticeecology.org/breakinggreen/>

Buffalo Niagara Gardening - <http://www.buffalo-niagaragardening.com/>

Buffalo Niagara Nature Almanac- <http://bnnatureblog.com/>

Buffalo Issues Alert- <http://groups.yahoo.com/group/BfloIssueAlerts/>

Buffalo Promise Neighborhoods- <http://buffalopromiseneighborhood.org/>

Buffalo Tours- <http://buffalotours.blogspot.com/>

Buffalo Green Fund-<http://www.buffalogreenfund.org/>

Canning Tips for Food Preservation- <http://www.motherearthnews.com>

Campaign for Buffalo History, Architecture and Culture- <http://greaterbuffalo.blogs.com/>

Chirps and Cheeps Bird Blog- <http://www.chirpsandcheeps.com/>

Dept. Environmental Conservation Calendar- <http://www.dec.ny.gov/calendar/>

DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>

Edible Buffalo- <http://ediblebuffalo.wordpress.com/>

Erie Cattaraugus Rail Trail- <http://www.ecatrail.org/>

Farmer Resource Network- <https://farmerresourcenetwork.force.com/FRN/s/>

Fix Buffalo- <http://fixbuffalo.blogspot.com/>

Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>

GBNRTC-<http://www.gbnrtc.org/blog/>

Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>

Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>

Learning Sustainability Campaign- <http://www.learningsustainability.com/>  
Natural and Working Lands-<https://blogs.cornell.edu/workinglands/> Farming and Climate Change resources  
Nourishing Harvest- <https://www.patreon.com/anourishingharvest>  
Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>  
Recycle Right NY- <https://recyclerightny.org/>  
Reuse Action-<http://reuseaction.com/blog/>  
Rochester Environment- <http://www.rochesterenvironment.com/>  
WNY Enviro- <http://groups.yahoo.com/group/WNY-ENVIRO/>  
Outdoors Niagara- <http://www.outdoorsniagara.com/>  
Environmental Tips- <http://www.globalstewards.org/ecotips.htm>  
Buffalo Architecture and History- <http://www.buffaloah.com/>  
Richardson-Olmsted <http://www.richardson-olmsted.com/>  
Times Beach Nature Preserve- <www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029>  
Black Dog Rescue- <www.blackdogsecondchance.org>  
Peace Weavers- <http://peaceweavers.org/>  
Eco-Island Nature Center- <https://www.grandislandschools.org/domain/49>  
NY Sport Fishing- <http://www.fishny.com/>  
Erie Canal Trailway- <www.ptny.org/bikecanal>  
Rochester Roots-<http://www.rochesterroots.org/>  
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>  
We Love Outdoors-<http://www.weloveoutdoors.com/>  
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>  
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>  
Citizen Science Opportunities- [listing](#)

### **County/New York State Resources**

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

### **Green Jobs, Internships and Opportunities**

E-Magazine-<http://greenjobs.net/>  
Green Jobs- <http://www.greatgreencareers.com>  
UB Green Job list- <http://www.ub-careers.buffalo.edu/green.php>  
Listing of websites-[www.tinyurl.com/SustainabilityAndGreenJobs](http://www.tinyurl.com/SustainabilityAndGreenJobs)  
Additional jobs-<https://www2.erie.gov/index.php?q=job-openings-community>

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

[www.aquariumofniagara.org](http://www.aquariumofniagara.org)  
[www.buffaloaudubon.org](http://www.buffaloaudubon.org)  
[www.buffalogardens.com](http://www.buffalogardens.com)  
[www.buffscience.org](http://www.buffscience.org)  
[www.tifft.org](http://www.tifft.org)  
[www.buffalozoo.org](http://www.buffalozoo.org)  
[www.penndixie.org](http://www.penndixie.org)  
[www.yourspca.org](http://www.yourspca.org)

### **Grant Opportunities/Tools**

<https://trust.guidestar.org/grant-writing-101-resources-for-grant-writers>  
<http://assembly.state.ny.us/gan/>  
[www.grantstation.com](http://www.grantstation.com)  
[www.grantwatch.com](http://www.grantwatch.com)  
[www.grantsalert.com](http://www.grantsalert.com)  
<https://attra.ncat.org/index.php>  
<https://grantsreform.ny.gov/>



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Fenton's Produce- [www.fentonsproduce.com](http://www.fentonsproduce.com)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

McCollum Orchards- <http://mccollumorchards.com/>

Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>

Native Offerings- <http://nativeofferings.com/>

Niagara Malt- [www.niagaramalt.com](http://www.niagaramalt.com)

Plato Dale Farm- <https://platodalefarm.com/>

Porter Farms- <http://www.porterfarms.org/>

Produce Peddlers-<https://producepeddlers.com/>

The Promised Land- <http://promisedlandcsa.com/>

Providence Creek Farm- <http://www.providencecreekfarm.com/>

Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>

Root Down- [www.therootdownfarm.com](http://www.therootdownfarm.com)

Rust Belt Harvest- <http://rustbeltharvest.org/>

Sinemus Farms- <http://www.sinemusfarms.com/>

Singer Farms Naturals-[www.singerfarmnaturals.com](http://www.singerfarmnaturals.com)

Teacup Farm- <http://www.teacupfarm.com/>

Thorpe's Organic Farm- [www.thorpesorganicfamilyfarm.com](http://www.thorpesorganicfamilyfarm.com)

Utley Acres- <http://utleyacres.com/>

Westside Tilth Farm- <http://westsidetilth.com/>

Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>

WNY Farmers' Markets- [http://www.bestofwny.com/farmers\\_market/](http://www.bestofwny.com/farmers_market/)

Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>

Local Meats- <http://meatsuite.com/>

NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>

WNY Food Hub for Farmers-<https://www.edenvalleygrowers.com/wny-foodhub>

Erie County Grown- [www.erie.gov/eriegrown](http://www.erie.gov/eriegrown)

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

Badding Brothers-<https://baddingbrosfarm.com/index.html>

Happy Shack Oils and More-<http://happyshackoils.com/>

Lockwood's Greenhouses-<https://weknowplants.com/>

Masterson's Nursery-<https://mastersons.net/>

Sweet Flag Herbs-<http://sweetflagherbs.com/>

### **Local Tourism promoting Sustainability**

Buffalo Bites Food Tours- <http://www.buffalobitesfoodtours.com/>

Buffalo Tours- <http://www.preservationbuffaloniagara.org/buffalo-tours/>

Niagara Wine Trail - <http://www.niagarawinetrail.org/>

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

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373

Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot

Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>

Books- [www.booksforafrica.org](http://www.booksforafrica.org), [www.operationpaperback.org](http://www.operationpaperback.org)

Bottle and jar caps-Weisenbach Recycled Products in Ohio. [CapsCando.com](http://CapsCando.com).

Bras- [www.donateyourbra.com](http://www.donateyourbra.com),

Building materials- [www.buffaloreuse.org](http://www.buffaloreuse.org)

Cars- <http://www.donateacar.com/>

Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities

Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill,

Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>

Clothing, formal/business- [www.donatemyweddingdress.org/](http://www.donatemyweddingdress.org/), [www.careergear.org](http://www.careergear.org), [www.dressforsuccess.org](http://www.dressforsuccess.org)

Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's

Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>, <https://www.decluttr.com>

Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs

Construction Materials-Buffalo ReUse, Habitat for Humanity Restore

Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>,

Electronics- [www.greenergadgets.org/recycling-responsibly.html](http://www.greenergadgets.org/recycling-responsibly.html), most electronics stores, [www.sunnking.com](http://www.sunnking.com)

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

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

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

Fishing line: Berkley Recycling, 1900 18<sup>th</sup> St., Spirit Lake, IA 51360.

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

Furniture-Goodwill, Salvation Army, Amvets and other charities

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

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

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

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

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

Ink cartridges-[RecyclePlace.com](http://RecyclePlace.com) and most manufacturers

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

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

Medicines, expired or unused- [http://www.dec.ny.gov/docs/water\\_pdf/guidance3.pdf](http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf)

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

Packaging Materials (bubble wrap, peanuts)-UPS Store

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

Pharmaceuticals-dropoff sites at [map](#)

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

Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, [www.plasticfilmrecycling.org](http://www.plasticfilmrecycling.org)

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

Recycling A to Z - [realsimple](#)

Shoes, athletic-[NikeReuseAShoe.com](#), [Souls4Souls.org](#) and [OneWorldRunning.com](#)

Sports equipment-resell/trade at [www.playitagainsports.com](http://www.playitagainsports.com)

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

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

Toys, plastic or used- [http://dmpgreen.com/mail\\_in.html](http://dmpgreen.com/mail_in.html), [www.buffalony.gov/383/Streets-Sanitation](http://www.buffalony.gov/383/Streets-Sanitation)

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

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

Water filters-Brita partners with [preserveproducts.com/recycling](http://preserveproducts.com/recycling)

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

### **Eco-volunteering with Travel:**

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

<http://www.globalteer.org>

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

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

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

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

### **Education Courses, Resources or Certificates:**

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

Coursera- [www.coursera.org](http://www.coursera.org)

[Green Education Foundation](#)

[Facing the Future](#)

[Cloud Institute for Sustainable Education](#)

[Sustainable Futures Institute](#)

[Nature Generation.](#)

[The Center for Ecoliteracy](#)

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

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

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

[Basics of Organic Farming](#) is a self-directed online course for beginning orchard and vegetable-crop farmers

[Our Farms, Our Future](#) podcast series

### **On Demand Webinars:**

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

[Plan-It GEO](#)

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

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

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

### **Miscellaneous tools including videos and websites:**

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

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

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

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

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

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

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

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

[Archived EPA Climate Change Info.](#)

[www.epa.gov/climate-indicators](http://www.epa.gov/climate-indicators).

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

[Tool for Sourcing Local Meat](#)

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

[iMATTER Youth Movement to Spark Change](#)

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

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

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

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

[2018 Fuel Economy Guide](#)

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

[NOAA National Marine Sanctuary Webinar series](#)

[NOAA One Science Seminar Series](#)

[Green Restaurant sustainability tool](#)

[Mapping Climate Change.](#)

[Socially Responsible Investing and Banking](#)

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

[Promise of Biomimicry](#)

[Pollinators under Pressure](#)

**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](http://www.greatlakes.org)

American Planning Association-WNY Section/Upstate

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

American Meteorological Society-WNY Chapter

[www.facebook.com/amswnychapter](http://www.facebook.com/amswnychapter)

Amherst State Park Arboretum

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

Aquarium of Niagara

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

Asha Sanctuary for Rescued Farm Animals

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

AWARE-Assoc. for Wild Animal Rehabilitation & Education

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

Bergen Swamp Preservation Society

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

Birds on the Niagara

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

Black Rock Riverside Alliance

<https://brralliance.org/>

Bond Lake Environmental & Beautification Committee	<a href="http://www.freewebs.com/bondlake/">http://www.freewebs.com/bondlake/</a>
Braddock Bay Bird Observatory	<a href="http://braddockbaybirdobservatory.wordpress.com/">http://braddockbaybirdobservatory.wordpress.com/</a>
Buffalo Architecture Foundation	<a href="http://www.buffaloarchitecture.org/">http://www.buffaloarchitecture.org/</a>
Buffalo Astronomical Association	<a href="http://buffaloastronomy.com/">http://buffaloastronomy.com/</a>
Buffalo Audubon Society/Beaver Meadow Nature Center	<a href="http://www.buffaloudubon.org">www.buffaloudubon.org</a>
Buffalo Blueway	<a href="https://buffaloblueway.com/">https://buffaloblueway.com/</a>
Buffalo Go Green	<a href="https://buffalogogreen.org/">https://buffalogogreen.org/</a>
Buffalo Niagara Community Reinvestment Coalition	<a href="https://www.facebook.com/BNCRC/">https://www.facebook.com/BNCRC/</a>
Buffalo Niagara Gardening	<a href="https://buffalo-niagaragardening.com/">https://buffalo-niagaragardening.com/</a>
Buffalo and Erie County Botanical Gardens	<a href="http://www.buffalogardens.com">www.buffalogardens.com</a>
Buffalo Farm to School Program	<a href="http://buffalofarmtoschool.org/">http://buffalofarmtoschool.org/</a>
Buffalo Geological Society	<a href="http://www.bgsny.org">www.bgsny.org</a>
Buffalo Heritage Carousel	<a href="http://buffaloheritagecarousel.org/">http://buffaloheritagecarousel.org/</a>
Buffalo Maritime Center	<a href="http://www.buffalomaritimecenter.org/">http://www.buffalomaritimecenter.org/</a>
Buffalo Museum of Science	<a href="http://www.sciencebuff.org/">www.sciencebuff.org/</a>
Buffalo Niagara Heritage Village	<a href="http://bnhv.org/">http://bnhv.org/</a>
Buffalo Niagara Waterkeeper	<a href="https://bnwaterkeeper.org/">https://bnwaterkeeper.org/</a>
Buffalo Olmsted Parks Conservancy	<a href="http://www.bfloparks.org">www.bfloparks.org</a>
Buffalo Orienteering Club	<a href="https://buffalo-orienteeing.org/">https://buffalo-orienteeing.org/</a>
Buffalo Ornithological Society	<a href="https://www.buffaloornithologicalsociety.org/">https://www.buffaloornithologicalsociety.org/</a>
Buffalo Recycles	<a href="http://buffalorecycles.org/">http://buffalorecycles.org/</a>
Buffalo Urban Development Corp	<a href="http://budc.ecidany.com/">http://budc.ecidany.com/</a>
Buffalo Zoo	<a href="http://www.buffalozoo.org">www.buffalozoo.org</a>
Burchfield Nature and Art Center	<a href="http://www.burchfieldnac.org/">http://www.burchfieldnac.org/</a>

Buffalo Women of Env. Learning/Leadership (BWell)	<a href="https://bwell.community/">https://bwell.community/</a>
Center for Environmental Information (Rochester)	<a href="http://ceinfo.org/">http://ceinfo.org/</a>
Center for the Study of Art, Architecture, History and Nature	<a href="http://buffaloah.com/h/center/index.html">http://buffaloah.com/h/center/index.html</a>
Chautauqua Watershed Conservancy	<a href="http://www.chautauquawatershed.org/">http://www.chautauquawatershed.org/</a>
Chestnut Ridge Conservancy	<a href="http://chestnutridgeconservancy.org/">http://chestnutridgeconservancy.org/</a>
Citizens Campaign for the Environment	<a href="http://www.citizenscampaign.org">www.citizenscampaign.org</a>
Citizens Coalition for Wildlife and Environment	<a href="http://citizencoalitionwe.com/">http://citizencoalitionwe.com/</a>
Citizens for Regional Transit	<a href="http://www.citizenstransit.org/">www.citizenstransit.org/</a>
Clarence Bluebird Trail	<a href="https://lambluebirdtrail.org/">https://lambluebirdtrail.org/</a>
Clean Air Coalition of Western New York	<a href="https://www.cacwny.org/">https://www.cacwny.org/</a>
Clean Communities of Western New York	<a href="http://www.ccofwny.org/">http://www.ccofwny.org/</a>
Coalition of Positively Charged People	<a href="https://www.coalitionpositive.org/">https://www.coalitionpositive.org/</a>
Community Foundation for Greater Buffalo	<a href="http://www.cfgb.org/">http://www.cfgb.org/</a>
Cooperation Buffalo	<a href="https://www.cooperationbuffalo.org/">https://www.cooperationbuffalo.org/</a>
Cornell Cooperative Extension for Cattaraugus County	<a href="http://cattaraugus.cce.cornell.edu/">http://cattaraugus.cce.cornell.edu/</a>
Cornell Cooperative Extension for Chautauqua County	<a href="http://chautauqua.cce.cornell.edu">http://chautauqua.cce.cornell.edu</a>
Cornell Cooperative Extension for Erie County	<a href="http://erie.cce.cornell.edu/">http://erie.cce.cornell.edu/</a>
Cornell Cooperative Extension for Niagara County	<a href="http://cceniagaracounty.org/">http://cceniagaracounty.org/</a>
Crossroads Collective	<a href="https://www.facebook.com/CrossroadsBuffalo/">https://www.facebook.com/CrossroadsBuffalo/</a>
Daemen University Center for Sustainability	<a href="http://www.daemen.edu/enviro-news">www.daemen.edu/enviro-news</a>
Department of Environmental Conservation (NY State)	<a href="http://www.dec.ny.gov/index.html">www.dec.ny.gov/index.html</a>
Designing to Live Sustainably	<a href="https://www.facebook.com/d2lsBuffalo/">https://www.facebook.com/d2lsBuffalo/</a>
Drave's Arboretum	<a href="https://www.facebook.com/dravesarboretum/">https://www.facebook.com/dravesarboretum/</a>
Earth Spirit Educational Services	<a href="http://www.earthspiritedu.org">www.earthspiritedu.org</a>

EforAll	<a href="https://eforall.org/">https://eforall.org/</a>
Environmental Advocates NY	<a href="http://www.eany.org">www.eany.org</a>
Environmental Education Associates	<a href="http://environmentaleducation.com/">http://environmentaleducation.com/</a>
Environmental Protection Agency	<a href="http://www2.epa.gov/aboutepa/epa-region-2">http://www2.epa.gov/aboutepa/epa-region-2</a>
Erie Canal Harbor Development	<a href="https://esd.ny.gov/erie-canal-harbor-development-corporation-0">https://esd.ny.gov/erie-canal-harbor-development-corporation-0</a>
Erie County Climate Action & Sustainability	<a href="http://www2.erie.gov/environment/sustainability">http://www2.erie.gov/environment/sustainability</a>
Erie County Conservation Society	<a href="http://eccs-club.org/">http://eccs-club.org/</a>
Erie County Department of Environment and Planning	<a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>
Erie County Environment Management Council	<a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>
Erie County Farm Bureau	<a href="http://www.ecfarm.com/">http://www.ecfarm.com/</a>
Erie County Federation of Sportsmen's Clubs	<a href="https://www.ecfsc.org/">https://www.ecfsc.org/</a>
Erie County Parks and Recreation	<a href="http://www.erie.gov/parks">http://www.erie.gov/parks</a>
Erie County Soil and Water Conservation	<a href="http://www.ecswcd.org/">www.ecswcd.org/</a>
Excalibur Leisure Skills	<a href="https://www.facebook.com/excaliburleisureskills/">https://www.facebook.com/excaliburleisureskills/</a>
Explore Buffalo	<a href="http://www.explorebuffalo.org">www.explorebuffalo.org</a>
Farm2Curb	<a href="https://www.facebook.com/farmtocurb">https://www.facebook.com/farmtocurb</a>
Field and Fork Network	<a href="http://fieldandforknetwork.com/">http://fieldandforknetwork.com/</a>
500 Women Scientists, Buffalo Chapter	<a href="https://500womenscientistsbuffalo.wordpress.com/">https://500womenscientistsbuffalo.wordpress.com/</a>
Food Policy Council of Buffalo & Erie County	<a href="http://www2.erie.gov/fpc/">http://www2.erie.gov/fpc/</a>
Foundry	<a href="http://thefoundrybuffalo.org/">http://thefoundrybuffalo.org/</a>
Friends of the Iroquois National Wildlife Refuge	<a href="http://www.finwr.org/">http://www.finwr.org/</a>
Friends of Reinstein Woods	<a href="http://reinsteinwoods.org">http://reinsteinwoods.org</a>
Friends of Sinking Ponds	<a href="https://www.friendssinkingponds.org/">https://www.friendssinkingponds.org/</a>
Friends of Times Beach Nature Preserve	<a href="http://www.friendsoftimesbeachnp.org/">http://www.friendsoftimesbeachnp.org/</a>

Foothills Trail Club	<a href="http://www.foothillstrailclub.org">www.foothillstrailclub.org</a>
Gardens Buffalo Niagara	<a href="https://gardensbuffaloniagara.com/">https://gardensbuffaloniagara.com/</a>
Garden Clubs of WNY	<a href="http://www.gardenclubsofwny.com">www.gardenclubsofwny.com</a>
Genesee County Nature Center	<a href="http://co.genesee.ny.us/departments/parks/inc.php">http://co.genesee.ny.us/departments/parks/inc.php</a>
Genesee County Village & Museum	<a href="https://www.gcv.org/">https://www.gcv.org/</a>
Global Justice Ecology Project	<a href="http://globaljusticeecology.org/">http://globaljusticeecology.org/</a>
Go Bike Buffalo	<a href="http://gobikebuffalo.org/">http://gobikebuffalo.org/</a>
Go Buffalo Niagara	<a href="http://gobuffaloniagara.org">http://gobuffaloniagara.org</a>
Gooseneck Hill Waterfowl Sanctuary	<a href="http://www.gooseneckhillwaterfowlfarm.com">www.gooseneckhillwaterfowlfarm.com</a>
Grassroots Gardens of Buffalo	<a href="http://www.grassrootsgardens.org/">www.grassrootsgardens.org/</a>
Greater Buffalo-Niagara Regional Transportation Council	<a href="http://www.gbnrtc.org/">www.gbnrtc.org/</a>
Great Lakes Center at Buffalo State College	<a href="http://greatlakescenter.buffalostate.edu/">http://greatlakescenter.buffalostate.edu/</a>
Great Lakes Research Consortium	<a href="https://www.esf.edu/glrc/">https://www.esf.edu/glrc/</a>
Hawk Creek Wildlife Center	<a href="https://www.hawkcreek.org">https://www.hawkcreek.org</a>
HEART Animal Rescue and Adoption	<a href="https://www.heartforanimals.org/">https://www.heartforanimals.org/</a>
Heart of the City Neighborhoods, Inc.	<a href="http://www.hocn.org">www.hocn.org</a>
Hope Rising Together	<a href="https://ltlcl.com/">https://ltlcl.com/</a>
Housing Opportunities Made Equal	<a href="https://www.homeny.org/">https://www.homeny.org/</a>
Imagine Greater Buffalo Lifelong Learning	<a href="http://imaginelifelonglearning.com/">http://imaginelifelonglearning.com/</a>
Inland Ocean Coalition-Buffalo Chapter	<a href="https://inlandoceancoalition.org/whoweare/chapters/buffalo/">https://inlandoceancoalition.org/whoweare/chapters/buffalo/</a>
Innovation Center Buffalo	<a href="http://innovationcenterbuffalo.org/">http://innovationcenterbuffalo.org/</a>
Iroquois National Wildlife Refuge	<a href="http://www.fws.gov/refuge/iroquois/">http://www.fws.gov/refuge/iroquois/</a>
Jamestown Audubon Center & Sanctuary	<a href="http://auduboncnc.org/">http://auduboncnc.org/</a>
Jamestown Community College	<a href="http://www.sunyjcc.edu/sustainability">http://www.sunyjcc.edu/sustainability</a>



Lake Erie Watershed Protection Alliance	<a href="http://www.erie.gov/lewpa">http://www.erie.gov/lewpa</a>
Leadership Buffalo	<a href="https://www.leadershipbuffalo.org/">https://www.leadershipbuffalo.org/</a>
League of Women Voters of Buffalo Niagara	<a href="http://www.lwvbn.org/">http://www.lwvbn.org/</a>
Local Initiatives Support Corporation	<a href="https://www.lisc.org/wny/">https://www.lisc.org/wny/</a>
Lyceum at Silo City	<a href="https://www.lyceumsilo.city/">https://www.lyceumsilo.city/</a>
Massachusetts Avenue Project	<a href="http://mass-ave.org/">http://mass-ave.org/</a>
Matt Urban Human Services Center	<a href="http://urbanctr.org/">http://urbanctr.org/</a>
Messinger Woods Wildlife Care and Education Center, Inc	<a href="http://www.messingerwoods.org">www.messingerwoods.org</a>
Nannen Arboretum	<a href="http://www.nannenarboretum.org/">http://www.nannenarboretum.org/</a>
Nature Conservancy-Central and Western New York Chapter	<a href="http://Nature.org">http://Nature.org</a>
Nature Sanctuary of Western New York	<a href="http://nsswny.org/">http://nsswny.org/</a>
New York Farm Bureau	<a href="http://www.nyfb.org/">http://www.nyfb.org/</a>
New York Flora Association	<a href="http://www.nyflora.org/">http://www.nyflora.org/</a>
New York Forest Owner's Association	<a href="http://www.nyfoa.org">www.nyfoa.org</a>
New York Interfaith Power and Light	<a href="http://www.newyorkipl.org/">www.newyorkipl.org/</a>
New York League of Conservation Voters	<a href="http://www.nylcv.org/">http://www.nylcv.org/</a>
New York Power Authority	<a href="http://www.nypa.gov">www.nypa.gov</a>
New York Public Interest Research Group	<a href="http://www.nypirg.org/">http://www.nypirg.org/</a>
New York State Association of Conservation Commissions	<a href="https://nysacc.org/">https://nysacc.org/</a>
New York State Ornithological Association	<a href="http://nybirds.org/index.html">http://nybirds.org/index.html</a>
New York State Outdoor Education Association	<a href="http://nysoea.org/">http://nysoea.org/</a>
New York State Parks	<a href="https://parks.ny.gov/">https://parks.ny.gov/</a>
New York State Sea Grant	<a href="http://www.seagrantsunysb.edu/">http://www.seagrantsunysb.edu/</a>
New York State Soil and Water	<a href="http://www.nys-soilandwater.org/">http://www.nys-soilandwater.org/</a>

Northeast Sustainable Agriculture Working Group	<a href="http://nesawg.org/">http://nesawg.org/</a>
New York Upstate Chapter of the Green Building Council	<a href="http://www.greenupstateny.org/">http://www.greenupstateny.org/</a>
New York Upstate Chapter, Landscape Architects	<a href="https://www.nyuasla.org/">https://www.nyuasla.org/</a>
New York State Wetlands Forum	<a href="http://www.wetlandsforum.org/index.html">http://www.wetlandsforum.org/index.html</a>
Niagara County Farm Bureau	<a href="http://www.niagaracountyfarmbureau.com/">http://www.niagaracountyfarmbureau.com/</a>
Niagara County Landfill and Recycling	<a href="http://www.rethinkyourwaste.com/">http://www.rethinkyourwaste.com/</a>
Niagara County Parks	<a href="http://www.niagaracounty.com/Parks/">http://www.niagaracounty.com/Parks/</a>
Niagara County Soil and Water Conservation District	<a href="http://www.niagaraswcd.com">www.niagaraswcd.com</a>
Niagara Fishing Expo	<a href="http://niagarafishingexpo.com/">http://niagarafishingexpo.com/</a>
Niagara Frontier Botanical Society	<a href="http://www.niagarafbotanicalsociety.com/">Niagara Frontier Botanical Society</a>
Niagara Outfitters	<a href="https://niagaraoutfitters.com/">https://niagaraoutfitters.com/</a>
Niagara River Anglers Association	<a href="https://www.facebook.com/Niagara-River-Anglers-1013633888708865/">www.facebook.com/Niagara-River-Anglers-1013633888708865/</a>
Niagara River Greenway Commission	<a href="https://www.niagararivergreenway.com/">https://www.niagararivergreenway.com/</a>
Niagara University Sustainability	<a href="http://www.niagara.edu/green/">http://www.niagara.edu/green/</a>
Northeast Organic Farming Association of New York	<a href="http://nofany.org">http://nofany.org</a>
Oakmossed Education	<a href="http://oakmossed.com">http://oakmossed.com</a>
One Region Forward	<a href="http://www.oneregionforward.org/">http://www.oneregionforward.org/</a>
Open Buffalo	<a href="http://www.openbuffalo.org/">http://www.openbuffalo.org/</a>
Our Outer Harbor	<a href="http://www.ourouterharbor.org/">http://www.ourouterharbor.org/</a>
Partners for a Livable WNY	<a href="https://www.livablewny.org/">https://www.livablewny.org/</a>
Partnership for the Public Good	<a href="http://www.ppgbuffalo.org">www.ppgbuffalo.org</a>
Paths, Peaks and Paddles	<a href="http://www.pathspeakspaddles.com">www.pathspeakspaddles.com</a>
Pelion Garden	<a href="https://peliongarden.org">https://peliongarden.org</a>
Penn Dixie Paleontological and Outdoor Education Center	<a href="http://www.penndixie.org">www.penndixie.org</a>

Pfeiffer Nature Center (Portville)	<a href="http://www.pfeiffernaturecenter.org">www.pfeiffernaturecenter.org</a>
People United for Sustainable Housing	<a href="http://www.pushbuffalo.org">http://www.pushbuffalo.org</a>
Plant WNY	<a href="http://www.plantwny.com/">http://www.plantwny.com/</a>
Pollinator Conservation Association	<a href="http://www.pollinatorconservationassociation.org/">http://www.pollinatorconservationassociation.org/</a>
Preservation Buffalo Niagara	<a href="http://www.preservationbuffaloniagara.org/">http://www.preservationbuffaloniagara.org/</a>
Primate Sanctuary	<a href="https://www.facebook.com/ThePrimateSanctuary">https://www.facebook.com/ThePrimateSanctuary</a>
Providence Farm Collective	<a href="http://providencefarmcollective.org/">http://providencefarmcollective.org/</a>
PUSH Blue	<a href="https://www.facebook.com/PUSHBlueWNY/">https://www.facebook.com/PUSHBlueWNY/</a>
Regional Councils NYS	<a href="http://regionalcouncils.ny.gov">http://regionalcouncils.ny.gov</a>
Reinstein Woods Nature Preserve	<a href="http://www.dec.ny.gov/education/1837.html">www.dec.ny.gov/education/1837.html</a>
Restore our Community Coalition	<a href="http://rocbuffalo.org/">http://rocbuffalo.org/</a>
Retree Western New York	<a href="http://www.re-treewny.org">www.re-treewny.org</a>
ReUse Action	<a href="http://reuseaction.com/">http://reuseaction.com/</a>
Rise Up for Climate Justice	<a href="https://www.facebook.com/riseupforclimatejustice/">https://www.facebook.com/riseupforclimatejustice/</a>
Rochester Environmental Groups	<a href="http://rochesterenvironment.com/">http://rochesterenvironment.com/</a>
Roger Tory Peterson Institute	<a href="http://www.rtpi.org">www.rtpi.org</a>
Science Demands Action	<a href="http://www.sciencedemandsaction.org">www.sciencedemandsaction.org</a>
Secret Places of WNY	<a href="https://www.insiders-outside.com/events">https://www.insiders-outside.com/events</a>
Service Collaborative of WNY	<a href="http://www.tscwny.org/">http://www.tscwny.org/</a>
Sierra Club (Niagara Group of Atlantic Chapter)	<a href="http://niagarasierraclub.com/">http://niagarasierraclub.com/</a>
Slow Roll Buffalo	<a href="https://www.facebook.com/groups/slowrollbuffalo/">https://www.facebook.com/groups/slowrollbuffalo/</a>
South Buffalo Alive	<a href="https://www.facebook.com/South-Buffalo-Alive-174141769403626/">www.facebook.com/South-Buffalo-Alive-174141769403626/</a>
SPCA serving Erie County	<a href="http://www.yourspca.org">www.yourspca.org</a>
Street Synergy	<a href="http://www.streetsynergy.org/">http://www.streetsynergy.org/</a>

SUNY Fredonia	<a href="http://www.fredonia.edu/gogreen/">http://www.fredonia.edu/gogreen/</a>
Sustainability at Buffalo State	<a href="http://sustainability.buffalostate.edu/">http://sustainability.buffalostate.edu/</a>
Tifft Nature Preserve	<a href="http://www.tifft.org/tifft/">http://www.tifft.org/tifft/</a>
Tonawanda Creek Watershed Committee	<a href="https://www.facebook.com/TonawandaCreek/">https://www.facebook.com/TonawandaCreek/</a>
Tonawanda Tomorrow	<a href="http://tonawandatomorrow.org/">http://tonawandatomorrow.org/</a>
Tuscarora Environmental Task Force	<a href="http://www.tuscaroraenvironment.com">http://www.tuscaroraenvironment.com</a>
21 <sup>st</sup> Century Park on the Outer Harbor	<a href="www.facebook.com/21stCenturyParkOnTheOuterHarbor/">www.facebook.com/21stCenturyParkOnTheOuterHarbor/</a>
UB Engineers for a Sustainable World	<a href="http://www.eswub.com/">http://www.eswub.com/</a>
UB Environmental Network	<a href="https://www.facebook.com/UBEnvironmentalNetwork/">https://www.facebook.com/UBEnvironmentalNetwork/</a>
UB Office of Sustainability	<a href="http://www.buffalo.edu/sustainability.html">http://www.buffalo.edu/sustainability.html</a>
UB Regional Institute	<a href="http://regional-institute.buffalo.edu/">http://regional-institute.buffalo.edu/</a>
Urban Land Institute	<a href="http://newyork.uli.org">http://newyork.uli.org</a>
Urban Roots	<a href="www.urbanroots.org/">www.urbanroots.org/</a>
US Army Corps of Engineers-Buffalo District	<a href="http://www.lrb.usace.army.mil/">http://www.lrb.usace.army.mil/</a>
US Coast Guard-Boating Safety	<a href="http://www.wnyboatsafe.org/">http://www.wnyboatsafe.org/</a>
US Fish and Wildlife, Lower Great Lakes	<a href="https://www.fws.gov/office/lower-great-lakes-fish-and-wildlif">https://www.fws.gov/office/lower-great-lakes-fish-and-wildlif</a>
Vision Niagara	<a href="http://visionniagara.org/">http://visionniagara.org/</a>
Voice-Buffalo	<a href="https://voicebuffalo.org/">https://voicebuffalo.org/</a>
Wellness Institute	<a href="https://creatinghealthycommunities.org/">https://creatinghealthycommunities.org/</a>
Western Chapter New York Water Environment Association	<a href="http://nywea.org/">http://nywea.org/</a>
WNY Native Plants Collaborative	<a href="https://www.wnynativeplants.org/">https://www.wnynativeplants.org/</a>
Western New York AmeriCorps (Service Collaborative)	<a href="http://www.tscwny.org/">http://www.tscwny.org/</a>
Western New York Earth Day	<a href="http://www.wnyearthday.org/">http://www.wnyearthday.org/</a>
Western New York Environmental Alliance	<a href="http://www.wnyea.org">http://www.wnyea.org</a>

Western New York Family Nature Club	<a href="http://lthibault.wixsite.com/wnyfamilynatureclub">http://lthibault.wixsite.com/wnyfamilynatureclub</a>
Western New York Herpetological Society	<a href="https://www.facebook.com/wnyherpsociety">https://www.facebook.com/wnyherpsociety</a>
Western New York Hiking Trails and resources	<a href="http://www.wnyhikes.com">www.wnyhikes.com</a>
Western New York Land Conservancy	<a href="https://www.wnylc.org/">https://www.wnylc.org/</a>
WNY Mountain Bike Association	<a href="http://www.wnymba.org">http://www.wnymba.org</a>
WNY Nursery and Landscape Association (PLANT WNY)	<a href="http://www.plantwny.com/">http://www.plantwny.com/</a>
WNY Partnership for Invasive Species Mgmt (PRISM)	<a href="http://www.wnyprism.org">www.wnyprism.org</a>
WNY Permaculture	<a href="http://www.facebook.com/WNY-Permaculture-1098493876841295/">www.facebook.com/WNY-Permaculture-1098493876841295/</a>
WNY Raptor Center	<a href="http://Wnyraptor.com">Wnyraptor.com</a>
Western New York Science Congress	<a href="http://wnyssc.org/">http://wnyssc.org/</a>
WNY Seed Library	<a href="https://www.facebook.com/wnyseedlibrary/">https://www.facebook.com/wnyseedlibrary/</a>
Western New York Service Learning Coalition	<a href="https://wnyservicelearningcoalition.org">https://wnyservicelearningcoalition.org</a>
Western New York Soil Health Alliance	<a href="http://www.wnysoilhealth.com">www.wnysoilhealth.com</a>
WNY STEM	<a href="http://wnystem.org/">http://wnystem.org/</a>
Western New York Stormwater Coalition	<a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>
Western New York Sustainable Business Roundtable	<a href="http://www.wnysustainablebusiness.org/">http://www.wnysustainablebusiness.org/</a>
Western New York Sustainable Energy Association	<a href="https://www.facebook.com/WNYSEA">https://www.facebook.com/WNYSEA</a>
WNY Peace Center Renewable Energy Task Force	<a href="http://wnypeace.org/wp/">http://wnypeace.org/wp/</a>
WNY Young Birders Club	<a href="https://www.wnyybc.org/events">https://www.wnyybc.org/events</a>
West Side Ministries (716 Ministries)	<a href="http://www.westsideministries.org/">http://www.westsideministries.org/</a>
West Valley Citizen Task Force	<a href="http://www.westvalleyctf.org">www.westvalleyctf.org</a>
Wild Kritters	<a href="http://www.wildkritters.com/">http://www.wildkritters.com/</a>
Wild Spirit Education	<a href="http://www.wildspirit.org/">http://www.wildspirit.org/</a>
World on your Plate	<a href="http://www.worldonyourplate.org/">http://www.worldonyourplate.org/</a>

