

# Enviro-News

October, 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:

### Household Hazardous Waste Dropoff

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

### Herbs and Animals

Come join Earth Spirit and Let's Goat Rescue on **October 8** from 10:30am to 2:30pm for an Autumn venture into Nature. Learn about the natural balance between plants and animals, healing the world around us. Discover how plants and wildlife are preparing for Winter and enjoy a meet and greet with goats, donkeys, chickens and more. Earth Spirit and Let's Goat Rescue are partnering to host this great event. Let's Goat Rescue at 7512 Genesee Rd, Springville is a 'Care Farm' promoting the healthy interconnection of people, animals and Nature- to benefit all three. Register at <https://earthspiritedu.org/events/>

### "The Mighty Steam Locomotive: A Technological History"

Walter Simpson will present a talk on the technological history of the steam locomotive on **October 5** at-6pm at Buffalo History Museum (Nottingham and Elmwood, Buffalo). Many historians credit the steam locomotive and the railroads with building America in the late 19th and early 20th centuries. Walter Simpson will use stunning images from his latest railroad book *The Steam Locomotive Energy Story* to take a deep dive into steam locomotive history and design, explaining how these spectacular machines worked, consumed vast quantities of coal, and reached their technological zenith in the Superpower locomotive era – just before diesel technology took over in the 1950s. Vintage railroad songs by the Singing Brakemen at 5:30 p.m. Museum's Rail Barons HO layout on display at 5:15 p.m. Refreshments afterwards! Co-Sponsored by the Niagara Frontier Chapter of the National Railroad Historical Society, WNY Railway Historical Society, and the Chesapeake & Ohio Historical Society.

## Green Drinks and BWELL Spooky Fundraiser

Join others on **Thursday, Oct. 13** from 5:30 to 7:30pm at Community Beer Works, 520 7th St. Buffalo. Come celebrate with BWELL and [Green Drinks](#) at our Spooky Fundraiser. We will be hosting a costume contest and basket raffle so be sure to dress to impress! Please RSVP via [Eventbrite](#).

## Working with the Media Workshops

Join Partnership for a Public Good for a series of three [workshops](#) (**October 5, 12, 19**) from 12:30-2pm on working with the media in October. Each workshop will offer practical skills and insights from experienced local journalists to advance your policy advocacy through print and broadcast media. You can register for just one session or join for all three. These workshops will be hybrid, with places for 20 participants in our classroom at 617 Main Street, Floor 3R (registration required) and more participants on Zoom. Register to join a workshop in-person by emailing [buffalocommons@cornell.edu](mailto:buffalocommons@cornell.edu) and specifying which you'd like to attend. Register to join on Zoom by clicking each link below. Workshops are free and open to PPG partners and the public. Because in-person space is limited, and because we're providing lunch for in-person participants, please consider in-person registration a firm commitment to attend. Please let us know in advance if you can no longer make it, and we'll offer your spot to someone else.

## Animal Lovers Invited to Fall Mini-Vet School

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

## Wilderness First Aid Training

Wilderness First Aid training will be offered on **October 15** from 8am to 5pm at Letchworth Woods at UB North Campus. This Hybrid Wilderness First Aid (WFA) course is designed for an individual or small group that travels beyond pavement and into the outdoors. The course consists of 8 hours of online learning and 8 hours of in-person training and practice scenarios. [Register](#).

## Raising the Roots Fundraiser

We hope you'll join us on **October 15th, 2022** from 12-4 pm for Massachusetts Avenue Project's annual farm-to-fork fundraiser. Taste local, seasonal produce prepared for you. In addition to local food tastings, Raising the Roots guests will tour the farm, engage in hands on activities, and enjoy live music while sipping locally crafted cider, beer, wine, tea, and mocktails. We are thrilled to partner with our friends at BlackBird Cider Works, Community Beer Works, and Paradise Wine! [Tickets](#).

## Boo Bash at the Buffalo Zoo

Boo Bash at the Buffalo Zoo returns for another spook-tacular night of fun! Get into the Halloween spirit at our fantastic after-hours party on **October 13, 14, 15** for adults-only (21+, valid ID required). Make your way through the Trail of Treats featuring bewitching bites and spell-binding cocktails. Give us "pumpkin" to talk about and don your best costume or keep it casual for this "fa-boo-lous" evening at the Buffalo Zoo. Make sure to get here early so you can wish your favorite animals "Happy Halloween!" before they head to bed at dusk. Space is limited so get your tickets today—it's sure to be a gourd of a good time! This is strictly for guests age 21 and over. Valid ID is required and will be checked before entering the event. Please drink responsibly. Do not drink and drive. [Purchase tickets here](#).

## WNY PRISM Symposium on Invasive Species

Western New York Partnership for Regional Invasive Species Management is hosting a symposium on **October 18** from 9am to 3pm at Buffalo State College. The symposium will focus on lessons learned and adaptive management, and is geared towards practitioners and planners working to develop or implement invasive species management projects. Participants will have the opportunity to seek advice from those with expert knowledge while learning about amazing management and restoration work taking place in the region. There is no cost for this event, but registration is required and space is limited. Lunch and refreshments will be provided. Please register by Friday, October 7. For the full agenda, visit [here](#). Click to [Register Here!](#)

## Public Meeting: Erie County's Community Climate Action Plan

You are invited to join us to learn more about Erie County's Community Climate Action Plan (CCAP), how climate change is impacting our region, and how you can get involved! The free public meeting is on **October 22** from 10:30am to noon at the Buffalo & Erie County Public Library, Downtown Central Library - 1 Lafayette Square. No registration needed. For info, visit <https://www3.erie.gov/climateaction/>

## Urban Environmental Education Course

Cornell University is offering a four-week online course in Urban Environmental Education. For more info and to register, visit [civicecology.org/uee](http://civicecology.org/uee). Course dates are October 24 through November 20, 2022.

## Public Comment Period Open for Draft Program Policy on Flame Retardants

DEC has published the draft DMM Program Policy: Guidelines for Annual Reporting of Organohalogen Flame Retardants per ECL 37-1009 (DMM-6). The draft Program Policy is available for public review and comment. DEC is accepting public comments on the DRAFT Program Policy until October 7, 2022, at 5:00 p.m. EDT. [Learn more and submit comments.](#)

## October Tree Planting

The Land Conservancy received funding from the Buffalo and Erie County Greenway Fund Standing Committee for a tree planting project in the neighborhoods adjacent to The Riverline. Tree plantings will take place at the Old First Ward Community Center, including its Grassroots Gardens community garden (October 18), Erie County's Red Jacket Riverfront Natural Habitat Park (October 21), and at the corner of Ohio Street and Louisiana Street (October 26). Reply to [jlebsack@wnylc.org](mailto:jlebsack@wnylc.org) if you are interested in volunteering.

## Fall Birdseed Sale

Stock up on birdseed with Buffalo Audubon during our Fall Birdseed Sale!. Download the [order form](#). Orders can be placed at Beaver Meadow by mail, phone, or email. All proceeds from the Fall Birdseed Sale support Buffalo Audubon and our mission of connecting Birds and the people of Western New York. Orders are due by **Friday October 21st** at 4:00. Pickup is on Saturday November 5th at noon.

## 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](#).

## **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.

## **Retool '22 Climate Technology Conference**

Join the Retool WNY initiative along with industry and business leaders for Retool '22, a climate technology conference for manufacturers, October 17–19, 2022, at the Northwest Arena in Jamestown, NY. Learn, network, and collaborate on new opportunities in the emerging climate technology sector. Hear from keynote speakers and panelists on topics related to manufacturing and climate technology. Meet representatives from companies that have successfully launched new ventures to address supply chain needs. Take part in pre-conference webinars targeting specific opportunities at the state and federal levels. Retool '22 is presented by Retool WNY, a major economic development initiative supported by the New York State Energy Research and Development Authority (NYSERDA), through a multi-year grant to the Jamestown Board of Public Utilities (BPU). [Register](#).

## **Help Wheels for Workers Provide Transport for Re-settling Families**

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

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

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

## Regenerate NY Grants Available

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

## Have an Apiary?

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

## 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](#).

## Fall Migration is Here—Here's How to Join the Flight!

Fall migration is an exciting time for birding. With many migrants on the move, there are amazing opportunities to spot the different species traveling in and out of state across the [New York State Birding Trail](#). To help guide your migratory watch, check out National Audubon Society's [Bird Migration Explorer](#), a digital tracker that allows birders to track bird migration by species or location, all in real time!

## 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. The WNY Young Birder Club was started by Maisie (9) and Sam (12) Hebrank to connect with other kiddos who love birds and nature as much as they do. The WNY Young Birder Club is supported by Jenn Lodi-Smith Hebrank and lots of the wonderful folks in WNY's local nature community. The club operates in partnership with Birds on the Niagara, an international Buffalo-based organization celebrating birds, conservation, and social justice. 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).

## Public Encouraged to Report Potential Beech Leaf Disease Infections

The New York State Department of Environmental Conservation (DEC) has announced that Beech Leaf Disease (BLD), which affects all species of beech trees, has been identified in 35 counties in New York State to date. Much is still unknown about BLD, including how it spreads, but it can kill mature beech trees in six to 10 years and saplings in as little as two years. BLD symptoms are associated with the nematode *Litylenchus crenatae mccannii*. It is unknown whether the nematode causes all of the damage, or if it is in association with another pathogen such as a virus, bacteria, or fungus. DEC is asking the public to submit reports through [NYimapInvasives](#) if they encounter a beech tree showing signs of BLD, especially for counties where BLD has not yet been confirmed. The main symptom to look for on beech foliage is darkened striping between the veins, which is best seen when looking up through the canopy. Leaves with severe symptoms can be heavily banded and crinkled, with a thickened leathery texture. For more [information about beech leaf disease](#), visit DEC's website. For information on iMapInvasives, [visit the NYimapInvasives website](#). For questions email photos and a description to [foresthealth@dec.ny.gov](mailto:foresthealth@dec.ny.gov). [View the Beech Leaf Disease map \(PDF\)](#).

## Sign up Today for Words of a Feather

Have you signed up for our birding newsletter, [Words of a Feather](#)? A monthly e-newsletter, Words of a Feather is for birders of all abilities, backgrounds, and skill levels. Each month subscribers will have access to the latest news from the New York State Birding Trail, including trail location spotlights, educational information, peer photos, upcoming events, and the best tips and tricks.

## “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.

## **New “Tackle Box” Smartphone Feature Launched**

DEC's official app, [HuntFishNY](#), has been updated with a handy new feature called "The Tackle Box." Now you can instantly access all sorts of helpful information such as fishing regulations, fish stocking, and fishing access locations throughout New York State—all within an easy-to-use map-based interface. There is also an offline version to use when cell service isn't available.

## **Locally-Driven 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.

## **2022 Online Exams for Licensed Guides Announced**

Examinations are scheduled for individuals seeking to become licensed guides in New York State for camping; fishing; hiking; hunting; whitewater; rock climbing; ice climbing; and certified skilled with boats and canoes. A guide is a person at least 18 years of age who offers services for hire, part or all of which include directing, instructing, or aiding another individual in fishing, hunting, camping, hiking, whitewater rafting/canoeing/kayaking, or rock and ice climbing. Applicants need not be a resident of New York State to receive a guide's license. Exams in 2022 will be online. The registration deadline for exams is seven days before exam. Instructions, registration information, an outline of exam content can be found on [DEC's Licensed Guide Program webpage](#). The last exam date for 2022 is **October 14**.

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

### **Funding for EV Charging Stations**

Through [Charge Ready NY](#), NYSERDA provides rebates of \$4,000 per charging port for Level 2 charging stations installed at public, workplace, and multi-unit dwelling parking lots. 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.

## **Bike-Friendly Business Certification**

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

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

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

## **Take an 'I Bird NY' Challenge**

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

## **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.

## **Need Organic Recycling? EcoVerde has Opened a New Site**

EcoVerde Organics, LLC (EVO) has opened their compost operations at 396 Wright Road, Akron! EVO's vision is to enhance the water, land and air quality of our region by recycling organic waste, minimizing the use of chemical fertilizers and improving soil health. To realize this vision, we provide tote-based food scraps collection service and produce quality soil amendments from a diverse mix of organic materials. With building space and a larger open area than our first site, EVO is now able to accept material from any truck type and process larger quantities of material as well as serve a broader market. We look forward to serving our regional communities and may be reached at **(716) 209-3166x1** or [info@ecoverdecompost.com](mailto:info@ecoverdecompost.com).

## **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 public. [The free guide](#) offers practical advice, tools, resources, and case studies of two restaurants who have successfully reduced their use of plastic.

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

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

## **ZEV Funding for Municipalities Adding EVs and Installing Related Charging Infrastructure**

Funding is now available through the [ZEV Rebate and ZEV Infrastructure Grant programs](#) to help municipalities purchase or lease zero-emission vehicles for fleet use and to install public electric vehicle charging and hydrogen fuel filling stations. Of the total \$5.75 million made available for this round of rebates and grants, 40 percent of the funds will be prioritized for projects in Disadvantaged Communities as identified by the [Climate Justice Working Group's draft criteria](#). DEC is accepting applications on a rolling basis now through 4:00 p.m. on **September 30, 2022**, or until funding is exhausted, whichever occurs first.

## **Is Your Congregation Cool?**

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

## 2022 New York Harmful Algal Blooms Notification and Reporting System

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

### 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://arccg.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](#).

### Meet the Earthworms of New York

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

## **Reuse Action in Action: Source for Reusable Materials**

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

## **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**

[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.

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

[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.

[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](#).

[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.

[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.

[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

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

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

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

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

[Climate Superstars](#)- is an online environmental challenge that gets kids excited about the environment and how they can take an active role in caring for its future. During the challenge, middle school classrooms and after-school programs (Grades 6-8) complete short tasks geared towards environmental literacy and energy efficiency. Classes that complete at least 7 tasks in the month of **October (1-31)** will be entered into a drawing to win **one of six \$5,000 e-vouchers for Samsung products like tablets, laptops, and interactive displays** to modernize their classrooms.

[International Compost Awareness Week Poster & Video Contest](#) -**Video Contest (Ages 10 - 13)**: Submit a short video (less than 30 seconds) highlighting this year's theme, For Healthier Soil, Healthier Food ...Compost!. **Poster Contest (Age 14 and older)**: Submit a poster design highlighting this year's theme, For Healthier Soil, Healthier Food...Compost!. Deadline: **November 1**.

[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

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

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

[The Environmental Justice Thriving Communities Technical Assistance Centers \(EJ TCTAC\) Program](#) provides grant funding to eligible applicants to establish technical assistance centers across the nation providing technical assistance, training, and related support to communities with environmental justice concerns and their partners. **Deadline: October 4, 2022**

[U.S. Department of Agriculture \(USDA\) Conservation Innovation Grants \(CIG\)](#)- funding priorities are climate-smart agriculture, addressing invasive species, and conservation in urban agricultural systems. Projects may be between 1 and 3 years in duration. Deadline: **October 11th, 2022**.

[Budding Botanist Grant](#)-will help students learn about environmental sustainability and the importance of biodiversity. Twenty high-needs schools across the United States will be awarded \$1,000 to support youth garden programs. Deadline: **October 14**.

[Whole Kids Foundation Bee Grants](#)-support educational beehives and bee programming at schools and nonprofit organizations so students can learn about the important role of pollinators. New applicants are invited to apply for the Traditional Bee Grant which either awards \$1,500 monetary grants or equipment grants. Deadline: Part 1 **October 15**.

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

[The Nature Generation STEM Seed Grants](#) are mini-grants made to nonprofits, schools, libraries, museums, and other organizations to fund small-scale start-up or ongoing projects that utilize a NatGen Green Earth Book Award (GEBA) book. Deadline: **October 15**.

[Technical Assistance Grants](#) are available to eligible NYS nonprofits and municipalities. This program provides support for consulting projects that preserve New York State's cultural and historic resources. The grants will support professional services of architects, engineers, and other design and preservation professionals working with nonprofit groups and municipalities to preserve their buildings, structures, and other resources that serve an arts and/or cultural function. Deadline: **October 17**.

[DEC Grants for Recycling Coordination and Education Projects](#)- Deadline: **Oct. 31**.

[Environmental Justice Data Fund](#)-funds for smaller-scale or early-stage data projects, including organizational capacity. Deadline: **Oct. 31**.

[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**.

[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**.

[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. 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

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

[Creating Healthy Schools and Community Educator](#)- Deadline: **Oct. 4**

[SNAP-Ed Nutritionist](#) - Cornell Cooperative Ext., Lockport, NY (Full Time Position)-Deadline: **October 6, 2022.**

[Facilities Manager](#) - Cornell Cooperative Ext. Lockport, NY (Full Time Position). Deadline: **October 13, 2022.**

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

[Field and Fork Network Multiple Positions](#)-Seeking Policy Manager, Communications & Digital Coordinator. Deadline: until filled.

[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.**

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

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

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

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

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

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

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

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

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

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

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

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

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

[National Farm Internships](#)

## 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, an optional tape measure, and tree.

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

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

[Other Citizen Science Programs](#)

## Upcoming Community Activities:

### Saturday, October 1

**Fair Winds Gala: An Evening on the Waterfront-** 6 to 9pm. Buffalo Maritime Center fundraiser. The gala will take place on the waterfront at Acqua on Niagara Street. With breathtaking views of the river, the event will feature an open bar, hors d'oeuvres, dinner & dancing while being entertained by Broadway star Robert Creighton. [Tickets.](#)

**Invasive Plants and Weeds: What's a Gardener to Do?-**10 to 11:30am. 3rd class in series. \$15 for one class Public - \$45 for all 3 classes, Master Gardeners - \$40 for all 3 classes [REGISTER](#)  
[https://reg.cce.cornell.edu/2022\\_FallGardeningClass\\_214](https://reg.cce.cornell.edu/2022_FallGardeningClass_214)

**Spooky Safari-**3 to 7pm at Hawk Creek Wildlife Center. Join us for a Spooky Safari! Get in the spirit for Halloween early, come in costume and explore our not-so-spooky trick or treat trail to meet some creepy, but friendly, Halloween critters! Discover rare wildlife from around the globe and bring a camera for up-close encounters with our wildlife ambassadors. Refreshments, gift shop, flying bird demonstration, trick or treat trail and activities for all ages. Event parking is FREE and tickets are \$15 for adults, \$13 for veterans and seniors, \$9 for children, and \$35 for a family pass of up to 2 adults and 3 children (5-12 yrs). Children 4 and under are FREE. Tickets can be purchased online. Visit [www.hawkcreek.org](http://www.hawkcreek.org) for info. Event is rain or shine.

**1st Saturday Volunteering at Pelion Community Garden at City Honors School** -10am. Pelion Community Garden at City Honors School. <https://www.facebook.com/PelionGarden/events>Details.

**Locktoberfest 2022-** 9:00am-5:00pm! Located at 57 Canal Street, join us for a celebration of community, local agriculture, and the Erie Canal!

**Autumn Sunrise Hike-**7:00 AM - 8:30 AM. Greet the morning Sun as it rises over the marsh and warms the Earth on an invigorating guided trail hike. Afterwards, enjoy hot tea or cider and good conversation under the Willow tree by the Education Center. Age: 18+, Cost: \$8 per person, BMS Members save 10%. Advance registration required. Space is limited. [Tickets.](#)

**Educator Workshop: Project Learning Tree** -9am to 1pm. Project Learning Tree is an award-winning environmental education program featuring an interdisciplinary, hands-on curriculum that uses the forest as a window into the world. All activities are correlated to Common Core math and ELA standards. 4 CTLE hours provided. For formal and non-formal educators of students in grades pre-K-8. Registration required; call 716-683-5959. Reinstein Woods Nature Center, Depew.

**Woods Walk: Changing Seasons-**1pm. Another day, another season. Now that fall is almost here, is there anything that nature is doing to remind us of the change? No registration required. Reinstein Woods Nature Center, Depew.

**Owl Prowl at Buckhorn Island State Park-** 7:30 PM to 9:00 PM. Eastern Screech-owls are one of the most common raptors in Western New York, but can be difficult to find because of their nocturnal and secretive nature. Join Naturalist Tom Kerr for a twilight walk along Woods Creek and the Niagara River as we look and listen for these loveable forest hunters. [Registration](#) is free. Donations are gratefully accepted.

**Introduction to Horticulture-** On-site at the Botanical Gardens-in the Administration Building, 10:30am-12:30pm, \$25 per class, \$22.50 per class for Members. Join us back onsite at the Botanical Gardens! Our horticulture classes are great for gardeners of all backgrounds and experience, those with lots of land or small spaces, or even those who just appreciate plants in general. Classes are suitable for students 16 and older. Get ideas, meet other plant-loving people and grow your horticultural knowledge on timely and relevant topics in a fun, approachable interactive class. Questions and discussion are encouraged! [Register.](#) Topic: Pests and Diseases.

**Fall-ing in Love with the Gorge-** 10:00 AM - 12:00 PM at Artpark State Park (Earl W. Brydges). Enjoy fresh air this October with a park naturalist on a Saturday stroll, where we will celebrate the beauty and wonder of the Niagara Gorge. For information and registration call (716) 282-5154.

**Forest Physiognomy-** 10:00 AM - 12:00 PM at Evangola State Park. Physiognomy speaks of general appearance, that allows insight into its character. Join us for a hike through two different forest types as we explore and learn what makes each unique! For information and registration call (716) 549-1050.

**Kayaking with Kelly-** 11:00 AM - 12:00 PM at Wilson-Tuscarora State Park. Explore the east branch of 12 Mile Creek and learn basic kayak strokes and maneuvers! For information and registration call (716) 282-5154.

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

**Erie County Earth Science Day-**10:00 am - 3:00 pm at Penn Dixie, rain or shine, to learn about Western New York's natural history, ecology, and resources through interactive exhibits and demonstrations in a family friendly setting. Experience hands-on learning under the big tent! Free. [www.penndixie.org](http://www.penndixie.org)

**"Winter Wrap Up" Garden Seminar-**10-11:00 at Lavocat's Family Greenhouse and Nursery Inc. | 8441 County Road, East Amherst, NY 14051. No need to fear that "winter is coming" because our horticulturist, Steve, is back with another quick seminar to help you get your garden ready for winter. No reservations required.FREE!,

## **Sunday, October 2**

**First Sunday Franciscan Reflective Walk-**10:45am - 11:30am Delaware Park Hoyt Lake near Casino  
Sponsored by: C-SAAHN & ImagineGreaterBuffalo.com, An affiliate of the nonprofit Wellness Institute of Greater Buffalo. Imagine quietly and reflectively walking and appreciating the beauty of Buffalo's Delaware Park Museum District - it can be both a physical and spiritual exercise; individual yet communal; as well as a pleasant and creative "place-based lifelong learning" experience.

## **Monday, October 3**

**Redline Slow Roll Ride-**6pm. Olivencia Community Center 261 Swan St., Buffalo, NY. **\*\*NOTE:** October Slow Rolls start at 6pm!\*\* Our 23rd of 27 free and inclusive Monday night community bike rides brings us back to the Olivencia Community Center just east of downtown, home of the annual Grease Pole Festival! Welcoming a new partner in Good Neighbors Credit Union, which states that "everyone deserves easy access to stress-free personal finance" - a perfect partner for our third annual Redline Ride, spotlighting Buffalo's century-long horrible history of redlining, an institutional practice of denying financial services such as home mortgages mainly to people of color, marking specific geographic areas red to avoid investment. While redlining was declared illegal decades ago, it has persisted in Buffalo. Join us for a 10-mile roundtrip ride with two stops to learn about redlining, returning to Olivencia Center for an afterparty with food, drinks, music and fellowship.

**Local Benefits & Compensation Strategies for Deep Decarbonization Infrastructure-**12-3pm ET, Webinar. Tune in for a discussion on state of the art knowledge and practices in the design and implementation of compensation programs, with the goal of advancing recommendations that help solve for equity, restorative justice, and social acceptance outcomes associated with the build out of new large-scale infrastructure essential for rapid decarbonization of the energy system. A key priority for the workshop is to identify those policies which do the best job of addressing power differentials among affected publics and between affected publics and project proponents. [Register.](#)

**Soil Testing Training**-6:30pm, Parkside Lodge, Delaware Park. In partnership with the Buffalo Olmsted Parks Conservancy, the Cornell Cooperative Extension Erie County Master Gardeners are hosting a Soil Testing Training in the Parkside Lodge. FREE for all to attend. The 10/3/22 class will be around 1 hour: This training will be open to the public for anyone interested in learning more about soil health and why testing our soil matters. The goal of this course is to teach volunteers how to get a good soil sample to send into labs for comprehensive testing and how to do pH testing in the field. After the initial training, there will be a few volunteer days (1-2 hours per park) set up for groups to go to each park and get soil samples from the identified garden beds that will need to be marked and prepared for shipment to the soil lab. [Register.](#)

## Tuesday, October 4

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

**Zero Waste to Zero Emissions: How Zero Waste is a Climate Gamechanger**- Launch at 12pm EST provides the clearest and most comprehensive evidence to date of how better waste management is critical to the climate fight, while building resilience, creating jobs, and promoting thriving local economies. [REGISTER NOW](#)

**Greenhouse Gas Emissions Information for Decision Making**- 1:00PM - 2:00PM ET. Join this public briefing on the new report, Greenhouse Gas Emissions Information for Decision Making. This new fast-track consensus study develops a framework for evaluating global anthropogenic greenhouse gas (GHG) information to support decision making. The report examines emerging approaches used to generate and evaluate GHG emissions information at global to local scales. This study was conducted on an accelerated timeline in order to inform COP27 discussions in November 2022. The common framework developed in this report can be used by decision makers and other users to understand the quality of different types of GHG emissions information and guide the development of more useful and trustworthy information. Learn more about the project by visiting the project webpage. The full report will be available for free download on October 4 at 11 am ET. [Register.](#)

**Climate and Coastal Resilience: New York 10 years after Sandy**- 1 to 2pm. 10 years ago, Hurricane Sandy unleashed a horrific and deadly chain of events that crippled cities and communities along the eastern coast of the U.S. While Sandy exposed the region's vulnerabilities, it also catalyzed public awareness about the need to act on climate. Join Environmental Defense Fund for a virtual conversation on how New York and the eastern seaboard recovered from the storm and rebuilt a vibrant coastline more resilient in the face of climate change. We'll take an inside look at EDF's coastal resilience and climate change mitigation work and learn more about the Clean Water, Clean Air, and Green Jobs Bond Act. We'll also explore how success at the state level impacts federal action and what a resilient future looks like for us all. [REGISTER NOW](#)

## Wednesday, October 5

**Webinar: How Low-Energy Buildings Support Energy Security & Net-Zero Goals**- 2:00 pm ET-US. Katrin Klingenberg, Founder of Phius (Passive House Institute US), joins ISSP to discuss passive design methodology and strategies for transitioning housing stock with illustrative examples. [Register.](#)

**"The Mighty Steam Locomotive: A Technological History"** -6pm at Buffalo History Museum. Walter Simpson will discuss the highlights of his new book and share the rich history of steam locomotives.

**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).

**Rural Renaissance: Revitalizing America's Hometowns through Clean Power**-2pm webinar.

In her new book, Rural Renaissance, Michelle Moore has gathered the tools needed to bring the far-reaching benefits of clean power to small communities, particularly in rural America. In this discussion, she'll describe the five pathways to clean power in rural America and strategies for achieving them. [Register.](#)

**Working with the Media: Get Your Story in Print**-12:30 – 2pm, Partnership for the Public Good, 617 Main St., Buffalo. Learn to effectively engage the media by building relationships and crafting your message. This workshop will cover how to clearly and concisely define your key message—particularly with facts and stories. It will cover how to prepare yourself to answer difficult questions, how to effectively write press releases, and how to deliver a memorable sound bite/quote. Practice your messaging and hear directly from two experienced, local media personnel as they share their thoughts and best practices on working with news sources and journalists. We'll hear from Geoff Kelly, Journalist at Investigative Post, and Deidre Williams, Buffalo City Hall Reporter at The Buffalo News. [Register for In-Person](#) [Register for Zoom](#)

**Olmsted Community Alliance Quarter 4 Meetings**- RSVP here: [bfloparks.org/oca/rsvp](http://bfloparks.org/oca/rsvp). Riverside District | 6:00pm - 7:30pm, DePaul Riverside, Auditorium, 238 Ontario Street Buffalo, New York 14207.

**Collections Live: Geology with Joe**- 11:00 AM - 2:00 PM at the Buffalo Museum of Science. 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’! Previously backstage activities will be taking place in public spaces – check out what goes into cataloging a collection, meet some of the staff and volunteers who’ve chosen this work as a career, bring your questions and we’ll work together to find the answers. Collections Live: Geology with Joe is every Wednesday from 11am to 2pm on the Museum’s third floor. Bring your mystery rocks and fossils and learn how to create and catalog your collection. No pre-registration required, activity is ongoing. Cost: Included with Museum admission, and free for members. Age: All ages

#### Thursday, October 6

**A Win-Win for Insects: Nature-Based Climate Solutions Address both Climate Change and Biodiversity Concerns**-1:00 PM - 2:00 PM ET Webinar. Join Xerces Society Executive Director, Scott Black, as we kick off our next webinar series: Threats and Solutions. With well over one million known species, insects and other invertebrates eclipse all other forms of life on Earth. They are essential to the reproduction of most flowering plants, including many fruits, vegetables, and nuts; they are food for birds, fish, and other animals; they filter water and help clean rivers and streams; and they clean up waste from plants and animals. Just four of the many insect services—dung burial, pest control, pollination, and wildlife nutrition—have an estimated annual value in the United States alone of at least \$70 billion. [Click here](#) for more information and to register.

**National Perspectives on Walking and Pedestrian Safety: Where We Are and How We Move Forward**- 10:30am webinar. [Info and register](#)

**Gobike Learning Workshop**- 530--830P, Component Specific Workshop: drivetrain I – chain, derailleurs, and the principal of a drivetrain. This first drivetrain class opens the mind of how the chain goes round and ways to identify issues early on. Come and clean your drivetrain in our ultrasonic washer, then learn how to re-install and properly lubricate those intricate parts. \$15 for general public, FREE for GObike members. 98 Colvin Avenue Buffalo, New York 14216. [Register](#).

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

**Preserving Apples**- Free workshop at 6:30 pm at 387 Massachusetts Ave. with MAP. Registration required at [tim@grassrootsgardens.org](mailto:tim@grassrootsgardens.org) or 716-548-6707.

#### Friday, October 7

**What’s Bugging You First Fridays**- 12:30 to 1pm. Topic: Fall Lawn IPM-managing leaves and ticks; Is that a praying mantis egg case?. See [details and registration information here](#) or call CCE Chautauqua at 716-664-9502.

**Not-so Creepy Crawlies**- 06:00 PM - 08:00 PM at Beaver Island Nature Center. Some organisms get a bad rap. Join us for a walk below a nearly full moon, where we will learn about some of the more misunderstood members of the animal kingdom. For information and registration call (716) 282-5154.

**Examining Challenges in Scaling Hydrogen Energy-** 1:30 PM-3:00 PM ET webinar. Hydrogen is emerging as a leading solution to reduce the global carbon footprint. Hydrogen is a unique energy source as it produces water after consumption, as opposed to the carbon-emitting energy sources that have traditionally dominated the energy sector. Applications of hydrogen as an energy source are abundant in the transportation and industrial sectors. Chemical research efforts are ongoing to develop consistent and cost-effective extraction of hydrogen from different types of sustainable sources. Additionally, recent global interest in decarbonization has called attention to the policy and infrastructure challenges surrounding the use of hydrogen, such as effectively prioritizing which hydrogen sources to employ to balance environmental and economic needs. This webinar, hosted by the Chemical Sciences Roundtable, will discuss research and infrastructure challenges, as well as potential solutions, for the mass implementation of hydrogen as an energy source. [Register.](#)

**2022 Party for the Park 2022-**6 to 9pm. Join us in celebrating the splendor of Fall in Chestnut Ridge Park at the Park Casino! Featuring the Boys of Summer live music, dance, wines, craft beers & lots of hors d'oeuvres. Only \$50.00 per person. [Tickets.](#)

**Sip & Savor: Under the Moon-** 7:30 PM to 9:30 PM at Beaver Meadow Audubon. Join Director of Outdoor Education Joe Dean for an evening of local wine and cheese. Bring a blanket and join us in the meadow while we enjoy the sights of the October moon. Stay into the night for a small hike under the stars while we listen to the sounds of Beaver Meadow after dark. Members \$20/General Admission \$25 (Adults 21+). [Register.](#)

**Night Hike & Storytelling-**7:30 PM - 9:00 PM at Tift Nature Preserve. Walk the woods by nightlight and experience the wildlife while your guide shares bone-chilling short stories and poetry. Age: 18+. Cost: \$8 per person, BMS Members save 10%. Advance registration required. Space is limited. [Tickets.](#)

## Saturday, October 8

**Fun Guy's Guide to Fungi** -10am. Our knowledge of fungi has mushroom for improvement to say the yeast. Come learn about these mysterious organisms and by the end we're sure you'll be lichen them! For adults and children ages 12 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Center, Depew.

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

**Introduction to Horticulture-** On-site at the Botanical Gardens-in the Administration Building, 10:30am-12:30pm, \$25 per class, \$22.50 per class for Members. Join us back onsite at the Botanical Gardens! Our horticulture classes are great for gardeners of all backgrounds and experience, those with lots of land or small spaces, or even those who just appreciate plants in general. Classes are suitable for students 16 and older. Get ideas, meet other plant-loving people and grow your horticultural knowledge on timely and relevant topics in a fun, approachable interactive class. Questions are encouraged! [Register.](#) Topic: Shrubs and Trees.

**Spooky Safari-**3 to 7pm at Hawk Creek Wildlife Center. Join us for a Spooky Safari! Get in the spirit for Halloween early, come in costume and explore our not-so-spooky trick or treat trail to meet some creepy, but friendly, Halloween critters! Discover rare wildlife from around the globe and bring a camera for up-close encounters with our wildlife ambassadors. Refreshments, gift shop, flying bird demonstration, trick or treat trail and activities for all ages. Event parking is FREE and tickets are \$15 for adults, \$13 for veterans and seniors, \$9 for children, and \$35 for a family pass of up to 2 adults and 3 children (5-12 yrs). Children 4 and under are FREE. Tickets can be purchased online. Please visit [www.hawkcreek.org](http://www.hawkcreek.org) for info and directions. Event is rain or shine.

**Small Change, BIG Impact-** 10 a.m. - 2 p.m. at Buffalo Science Museum. *Included with Museum admission and free for Members.* This fall, the Museum will welcome three temporary exhibits centered around the theme of conservation: Victoria Fuller's dynamic sculpture in [FIND WHY: Vanishing Rhino](#), Nancy Macko's [The Fragile Bee](#), and [SNOW: Tiny Crystals, Global Impact](#). Their unifying theme of impact to ecosystems through small changes leads the BSNS to consider how we all have a role in securing our natural world's future. We are kicking off these exciting fall experiences Saturday, October 8 from 10 a.m. to 2 p.m. with [Small Change, BIG Impact](#), a family-friendly event celebrating local conservation efforts with local activist and conservation groups, ecologically innovative entrepreneurs, Museum affiliates, and researchers, to share their work on protecting Western New York, its people, and its ecology.

**Herbs and Animals-** 10:30am to 2pm. Join Earth Spirit at the Let's Goat Rescue Care Farm, 7512 Genesee Rd., Springville, NY. Learn about the natural balance between plants and animals, healing the world around us. Discover how plants and wildlife are preparing for Winter and enjoy a meet and greet with goats, donkeys, chickens and more. Earth Spirit and Let's Goat Rescue are partnering to host this great event. *Let's Goat Rescue is a 'Care Farm' promoting the healthy interconnection of people, animals and Nature- to benefit all three.* Register at <https://earthspiritedu.org/events/>

**Fall-ing in Love with the Gorge-**10:00 AM - 12:00 PM at Devil's Hole State Park. Enjoy fresh air this October with a park naturalist on a Saturday stroll, where we will celebrate the beauty and wonder of the Niagara Gorge. For information and registration call (716) 282-5154.

**October Bird Count-** 9 to 11am. Buffalo Ornithological Society at Evangola State Park. Be a part of the fun as we bird the lakeshore to tally species for the Buffalo Ornithological Society October count. This count has been taking place since 1939! For information and registration call (716) 549-1050.

**Owl Prowl: Cazenovia Park-**7:00 PM to 8:30 PM. Eastern Screech-owls are one of the most common raptors in Western New York, and Urban Parks along creeks are one of the best places to find them. Join Naturalist Tom Kerr for a twilight walk along Cazenovia Creek as we look and listen for these loveable forest hunters. [Registration](#) is free. Donations are gratefully accepted.

**Owl Prowl with WNY Young Birders Club-** 6:30-8pm. Penn Dixie, Walk the trails with us and search for barred and great horned owls in action. Learn what special adaptations make owls the ideal nocturnal predator. All participants can dissect an owl pellet to investigate what these silent stalkers get up to while we're asleep! Please dress in weather-appropriate gear, pack layers, and wear boots. Additionally, we advise that you bring bottled water as we do not have running water on site. There are portable toilets available near the parking lot. In the event of heavy rain or if we detect lightning on site, the program will be cancelled, you will be notified via email and receive a full refund. Admission is \$7 per participant, and free for Penn Dixie members! Registration is required, members please contact the office at 716-627-4560 for your registration code. [Click here to register for the Owl Prowl @ Penn Dixie.](#)

**Wright Rocks-**11:30am at Frank Lloyd Wright's Graycliff in Derby. Discover the history of the land, the architecture, and learn why Wright Rocks! For more information and to purchase tickets for this event, **click here**. Penn Dixie members: please call the office at 716-627-4560 for a link to discounted tickets.

**Buffalo Bonsai Society-** 1pm at the Critchen Restaurant, 3377 Clinton St., West Seneca.

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

**Hive Winterization Workshop-**1 to 2:30pm at Buffalo Niagara Heritage Village. [Details and registration.](#)

## Sunday, October 9

**Roller Rink at Canalside: Public Skating**-12 to 8pm. Canalside Buffalo.

## Monday, October 10

**Indigenous People's Day Slow Roll Ride**-6pm. Big Ditch Brewery 55 E Huron St, Buffalo, NY. Our 24th of 27 free and inclusive Monday night community bike rides brings us back to our beloved Big Ditch Brewing Company in downtown Buffalo, on the holiday respectfully known as Indigenous People's Day. Join us for a 10-mile roundtrip ride with two stops to learn about local Indigenous culture and history, returning to Big Ditch for an afterparty with food, drinks, music and fellowship.

**A Naturalists View: Autumn**-1:00 PM - 03:00 PM. Evangola State Park. Bring your curiosity and sense of wonder as we go on a naturalist's saunter to explore the world around us. We will enjoy all we see, making observations, following our curiosity, and learning from each other. Whether you are an experienced naturalist or just starting out, this series is for you. Everyone has something to learn and knowledge to share. Our outing this month will highlight autumnal changes. For information and registration call (716) 549-1050.

## Tuesday, October 11

**Kenmore Garden Club**- 10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. Joe Emminger, Town of Tonawanda supervisor, will speak on "It's the Talk of Our Town." Emminger will bring the group up to date on town affairs, enlightening them on what is happening behind the scenes in the town, what things are planned and what has been accomplished.

**"Kitchen Botany: From Land Races to GMOs"**-7:30pm. Niagara Frontier Botanical Society meeting and presentation. Our speaker will be Carol Sweeney, retired botany professor at Niagara University. For information on joining the Zoom meeting call 716-548-6846.

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

**ADK Meeting**- features educator and naturalist, Mr. Mark Carra at 6:30pm as the famous Teddy Roosevelt! We'll learn more about our 26th president who was a charismatic politician, statesman, avid conservationist, historian and writer. At 7:30 pm, Mr. Pete Hill, Special Initiatives Director of Native American Community Services of Erie & Niagara Counties, Inc. will discuss Native American issues, traditions and environmental concerns. There will be time for Q&A's. <https://www.facebook.com/groups/291178878475/>

**Designing and Maintaining Edge Habitat**-Webinar either 12pm or 7pm. Join us to hear tips and tricks on creating and maintaining forest edges. [Register](#).

**Garlic Growing Workshop** -6 to 8 PM. Are you interested in learning how to grow your own garlic? Whether it be for a small garden plot or a large farm, you too can grow quality garlic! Join local farmer and CCE educator Rich Woodbridge as he discusses how to get started growing garlic in Western NY. CCE Niagara (Niagara County Fairgrounds), 4487 Lake Ave. Lockport, NY. In the Large Meeting Room of the 4-H Training Center. \$20. (716) 433-8839, ext.224 to register.

**How Frederick Law Olmsted and Henry Hobson Richardson Reinvented America's Public Spaces**-1:00 PM - 2:30 PM EDT. Virtual. Frederick Law Olmsted is revered as America's first and finest landscape architect and a pioneer conservationist. Less well remembered, Henry Hobson Richardson was, in his time, the nation's best known and most influential architect. Join the Maryland Department of Planning and the Smart Growth Network as historian Hugh Howard, author of Architects of an American Landscape, looks at how these two great friends and frequent collaborators shaped a legacy that included Manhattan's Central Park, Boston's Trinity Church, Yosemite and Niagara Falls, the U.S. Capitol precinct, Vanderbilt's Biltmore, some of the nation's first public libraries and suburban train stations, as well other indelible designs. [Register](#).

**Little Tykes on the Trails-** 9:30 AM - 11:00 AM at Tiff Nature Preserve. 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. Age: 3-5. Cost: \$8 per child with adult. BMS Members save 10%. Advance registration required. Space is limited. [Tickets.](#)

### **Wednesday, October 12**

**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.

**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.

**Hamburg Garden Club-** 10am. at the VFW Post 1419, 2985 Lakeview Rd., Hamburg. Kate Croughamel and Joyce O’Gorman, owners of Fernshaw Gardens & Westview Farms and Greenhouses, will speak on growing succulents and using them to decorate a grapevine wreath. Guests are welcome. If you are interested in attending our meeting as a guest, please make your reservation at [lonabutler4@gmail.com](mailto:lonabutler4@gmail.com).

**Behind the Scenes Tour: Geology Rocks-** 6:00 PM - 8:00 PM at Buffalo Science Museum. Holmes! What kind of rock is this? Sedimentary, my dear Watson. Learn why this and other CoRn Y jokes are funny by investigating the Museum’s Geology Collection. What you see on display is just the tip of the iceberg. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. Age: 18+. Cost: \$30 per participant, 10% off for BMS Members. [Register.](#)

**Olmsted Community Alliance Quarter 4 Meetings-** RSVP here: [bfloparks.org/oca/rsvp](https://bfloparks.org/oca/rsvp). West District (Front, Prospect & Days Park, Symphony & Ferry Circles) 6:00pm-7:30pm, First Presbyterian Church of Buffalo, 1 Symphony Circle, Buffalo, NY 14201, Explore Buffalo Classroom (2nd floor).

**Writing for the Media: Letters to the Editor, Op-Eds, and Press Releases-**12:30 – 2pm, Partnership for the Public Good, 617 Main St., Buffalo.-Learn how to effectively write for the media, with our tips on how to write good letters to the editor and opinion pieces. At this workshop, we’ll also review the different types of letters accepted by our local news sources, and how to submit a letter or op-ed piece. We’ll discuss how to engage the editorial board of The Buffalo News, which determines what the paper’s position will be on certain topics. Dawn Bracely and Elizabeth Licata, editorial writers at The Buffalo News, will join us for tips and techniques on how to craft your message. [Register for in person,](#) [register for zoom.](#)

**Buffalo Ornithological Society Meeting-**7pm in the Cummings Room, Buffalo Science Museum. The meeting topic is "Bird a Day Challenge" presented by Tom Kerr. In 2021 Tom set out to count a different bird every day for as many days as he could. His goal was to count a Phoebe in March, but "Bird a Day" took over and ended up being much more.

**“The Environmental Rights Amendment: By and For New Yorkers”-** virtual 7-8:30 pm. Together, we will discuss the Environmental Rights Amendment: What exactly is it? What could it do for your community? How might it advance environmental justice? In a discussion moderated by myself, with speakers Professor Rebecca Bratspies (CUNY School of Law), Anthony Rogers-Wright (New York Lawyers for the Public Interest), Maya van Rossum (Green Amendment for the Generations & Delaware Riverkeeper Network), and Michael Youhana (Earthjustice) will help answer these questions and suggest ways we can use the Environmental Rights Amendment to strengthen environmental protection moving forward. [Register.](#)

### **Thursday, October 13**

**BWELL Spooky Fundraiser-** 5:30 to 7:30pm at Community Beer Works, 520 7th St. Buffalo. Come celebrate with BWELL and [Green Drinks](#) at our Spooky Fundraiser. We will be hosting a costume contest and basket raffle so be sure to dress to impress! Please RSVP via [Eventbrite.](#)

**2nd Annual BNMC Food as Medicine Symposium: “A Bridge to Health.”**- 8:30-am-4:30 pm. In-person or virtually. We'll feature thought leaders from across the US along with local experts, who together, will bring us the latest opportunities, challenges, and victories in the Food as Medicine space. [Tickets](#). UB Center of Excellence in Bioinformatics and Life Sciences, 701 Ellicott Street, Buffalo, NY 14203

**Circular Economy Workshop**- 4 to 5:30pm at Catholic Health, 144 Genesee Street, Buffalo, NY, 14203. WNY Sustainable Business Roundtable event. Building on the educational foundation from our previous event, this workshop will focus on putting the circular economy theories into action! Hear from three local businesses who have integrated circular economy strategies and how their organization has benefited. We will also provide implementable strategies to reduce paper and plastics pollution in the workplace through a real world case study and a model Office Supply Purchasing Policy. [Register](#).

**Town and Country Garden Club**- 5 p.m. at Mischler's Florist and Greenhouses, 118 South Forest Rd., Williamsville. Mark Yardon, vice president of Mischler's, will provide tips for closing your gardens for the winter months. For more information, contact Linda Anscombe, membership chairperson, at 716-688-2985 or [lanscombe@roadrunner.com](mailto:lanscombe@roadrunner.com). The club welcomes new members.

**Equity and Walkability: Improving Pedestrian Infrastructure in Underserved Neighborhoods**-10:30am webina<https://13520.blackbaudhosting.com/13520/NEW-Daytime-Behind-the-Scenes-Tour>. [Register](#).

**Science in the Pub**- @ 7:00 pm EDT - Shaking up earthquake science with Dr. Wendy Bohon, Strategic Communications at NASA Earth Science Division. Most people know what an earthquake is, but do you know how scientists study them? In this talk, earthquake geologist Dr. Wendy Bohon from IRIS will outline general earthquake concepts like what earthquakes are, where and why they occur and their impacts on infrastructure. She'll then dive into the science of earthquakes, including the study of ancient earthquakes and how we study faults and earthquakes from space. [Register](#). Virtual.

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

**Daytime Behind the Scenes Tour: Geology Rocks**- 2:00 PM - 4:00 PM at Buffalo Science Museum. Holmes! What kind of rock is this? Sedimentary, my dear Watson. Learn why this and other CoRn Y jokes are funny by investigating the Museum's Geology Collection. What you see on display is just the tip of the iceberg. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. Age: 18+. Cost: \$30 per participant, 10% off for BMS Members. [Register](#)

## Friday, October 14

**Buffalo Astronomical Association Meeting**- Virtual. 7pm. [Contact](#).

**South Towns Gardeners**- 9:30 a.m. at Reinstein Woods Nature Preserve and Environmental Education Center, 93 Honorine Dr., Depew. There is a \$3 charge per person. Guests and new members are welcome. For more information, call 668-0209.

**Science After Hours: Are you still afraid of the Dark**- 6 to 9pm at the Buffalo Science Museum. What are you afraid of? Our October Science After Hours will add a splash of exposure therapy to your night out by examining common (and perhaps not-so-common) fears with a science twist! Mavrogatphobia, Trypanophobia, Coulrophobia, Glossophobia... these are just some of the fears you'll be able to face — and perhaps conquer — by the end of the night! Leave the debunking to us, and enjoy a drink from the bar while you keep your goosebumps at bay exploring all four floors of the museum, including our special fall exhibits! Access to the entire museum is included with your ticket. Age: 21+; photo ID required. Cost: \$25; members save 10%. [Register](#).

**Family Halloween Hike at Tiff Nature Preserve-** 7 to 9pm. Venture into the woods on a guided hike to find out who or what has been on the Tiff Trails at night. Investigate mysterious sounds, smells, and textures in the dark. End with hot cider, delicious doughnuts, and kid's crafts! Program entirely indoors in inclement weather. Age: Ages 5 and up, Cost: \$10 per person. BMS Members save 10%. Advance registration required. Space is limited. [Tickets.](#)

**Sixth Extinction Crisis-** 8pm. Just Buffalo Literary Center is bringing Pulitzer Prize-winning and bestselling author Elizabeth Kolbert (The Sixth Extinction: An Unnatural History; Under the White Sky) to Buffalo. Kolbert will join BABEL host Barbara Cole for an in-depth and in-person discussion about her work and The Sixth Extinction. This event will take place at Kleinhans Music Hall at 8:00 p.m. General admission: \$40. [Learn more and register.](#)

## **Saturday, October 15**

**Beers, Bikes, and Barges BUFFALO-**12 to 4pm. Your ticket includes a SQUAD-led 12-mile ride highlighting our region's unique canal history, a refreshing pint of beer at our afterparty, an exclusive commemorative T-Shirt and more. [Tickets.](#) Canalside.

**Stargazing In Hamburg-**7 to 9pm. Join us at Penn Dixie for an out-of-this-world experience! Our astronomers will map the night sky — including stars, planets, constellations, and deep space objects — for you using a variety of telescopes and specialized equipment. Guests are encouraged to bring lawn chairs, warm clothing, blankets, a flashlight, and food/beverages. We'll have plenty of telescopes, but you can bring yours along, too, if you'd like some expert advice. All ages welcome. Registration is not required. Check our social media for weather-related updates. Please plan to arrive a few minutes before the scheduled start time so that you have time to use the restroom and set up your lawn chairs / blankets. If you arrive after the start time, we ask that you dim your headlights when pulling into the parking lot. [www.penndixie.org](http://www.penndixie.org)

**Wilderness First Aid training-** 8am to 5pm at Letchworth Woods at UB North Campus. This Hybrid Wilderness First Aid (WFA) course is designed for an individual or small group that travels beyond pavement and into the outdoors. The course consists of 8 hours of online learning and 8 hours of in-person training and practice scenarios. [Register.](#)

**Erie County Fall Fest 2022-**10:00 AM - 4:00 PM at Como Lake - Area near the James Depczynski Casino. Plan to bring the whole family for this fun-filled day of vendors, food trucks, giveaways, entertainment & MORE!

**Masterson's Honey Festival-** 725 Olean Rd., East Aurora. Check the schedule [here.](#) Free.

**Autumn Colors -**10am. Fall foliage is a blaze of color, from flaming oranges and reds to subtle yellows. Enjoy the beauty of autumn's trees on this guided walk as we identify trees in the fall. Registration required; call 716-683-5959. Reinstein Woods Nature Center, Depew.

**Community work day-**9 a.m. to noon 6 at North Tonawanda Botanical Garden, 1825 Sweeney St., North Tonawanda. Volunteers from the North Tonawanda Botanical Garden will lead community volunteers in various garden projects to restore and maintain beds. Take gloves and water and dress for the weather. This activity qualifies for Community Service Hours. Tools and instruction will be provided. Contact [ntbgo@hotmail.com](mailto:ntbgo@hotmail.com) for more information.

**Woods Walk: Beauty of the Woods -**1pm. The leaves are changing, and you might know why, but have you ever stopped to notice the details? What a wonderful way to spend an hour or so on the trails. No registration required. Reinstein Woods Nature Center, Depew.

**A Stroll Along the Gorge-**10:00 AM - 11:30 AM at Artpark State Park (Earl W. Brydges). Take in familiar views through the years changing environment. Enjoy crisp air with family and friends on this gorgeous walk. For information and registration call (716) 282-5154.

**Fall-ing in Love with the Gorge-** 10:00 AM - 12:00 PM at Niagara Falls State Park. Enjoy fresh air this October with a park naturalist on a Saturday stroll, where we will celebrate the beauty and wonder of the Niagara Gorge along the new Gorgeview trails. For information and registration call (716) 282-5154.

**Raising the Roots-** 12-4 pm for MAP's annual farm-to-fork fundraiser. Taste local, seasonal produce prepared for you by: The Bloom and Rose, Brevia Kitchen, Butter Block, Casa Azul, Community Beer Works, Extra Extra Pizza, Smita's Cookery, SZN, and Wegmans. In addition to local food tastings, Raising the Roots guests will tour the farm, engage in hands on activities, and enjoy live music while sipping locally crafted cider, beer, wine, tea, and mocktails. We are thrilled to partner with our friends at BlackBird Cider Works, Community Beer Works, and Paradise Wine! [Tickets.](#)

**Wild in Sight -** Beaver Meadow Nature Center from 10:00 AM to 11:30 AM. Come out to Beaver Meadow for this unique experience. Melissa Wild will lead us in becoming more curious about the natural world and give us tips on capturing nature with cameras. This workshop does not require any particular camera; any cell phone camera is all you need. General Admission \$15/BAS Members \$10. [Register.](#)

**Owl Prowl: North Tonawanda Audubon Preserve-** 7:00 PM to 8:30 PM. Join us for a nocturnal hike through the Klydell Wetlands in search of the Eastern Screech-owls that make their home in North Tonawanda. This preserve is one of the few places where we regularly find Red morph Eastern Screech-owls! . Space is limited and registration fills quickly! \$15 General Admission/\$12 BAS Members. Ages 8+. [Register.](#)

### **Sunday, October 16**

**Masterson's Honey Festival-** 725 Olean Rd., East Aurora. Check the schedule [here.](#) Free.

**Nature at a Snail's Pace-** 10:00 AM - 11:30 AM at Wilson-Tuscarora State Park. Join a Forest Therapy Guide and awaken your senses, be in the present, slow down and reconnect with nature. The walk will conclude with tea under the trees. (tea not provided). For information and registration call (716) 282-5154.

**Birding with WNY Young Birders Club-** Penn Dixie. [Info.](#) We will learn about hunting for birds' ancestors, the dinosaurs and the birds who visit Penn Dixie. Time TBD

### **Monday, October 17**

**Public Art Slow Roll Ride-**6pm. Adam Mickiewicz Library & Dramatic Circle 612 Fillmore Ave, Buffalo, NY Our 25th of 27 free and inclusive Monday night community bike rides brings us back to the Adam Mickiewicz Library & Dramatic Circle, aka Mickie's or the Polish Library, the century-old and recently-renovated institution in Broadway-Fillmore. We're reviving our partnership with the Buffalo AKG Art Museum - formerly known as the Albright-Knox Art Gallery - celebrating their ever-expanding array of public art! Join us for a 10-mile roundtrip ride with two stops to learn about AKG public art and rolling by many works in between, returning to Mickie's for an afterparty with food, drinks, music and fellowship.

### **Tuesday, October 18**

**WNY PRISM Symposium-** 9am to 3pm at Buffalo State Alumni & Visitor Center. Free with lunch included, but must register by October 7. [Click to Register Here!](#)

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

**Free Cooking Demo with Healthy Produce-**3pm on corner of Michigan and Broadway in Buffalo. Will be presented by [Urban Fruits & Veggies.](#) It is part of Mrs. Frances Nash's Garden Basket, a new initiative to provide free and healthy produce to East Buffalo. [info](#)

**Toddler Time: Outdoor Play!**- 10 to 11:30am. Come out to Beaver Meadow Audubon and PLAY! We will start with a story, snack and move into a short hike to our nature play space. Parents must stay with their children through the duration of the class. \$15 General Admission/\$10 BAS Members. [Register](#).

### Wednesday, October 19

**CRT Fall Public Meeting-** 5:30 – 7:00. Citizens for Regional Transit Public Meeting at the Frank Meriweather, Jr. Library, 1324 Jefferson Avenue, Buffalo, NY 14208. (at East Utica St.) Take the Metro Rail, and #12/#18 buses.

**Seed to Supper Free Gardening Classes-**6:30 PM - 8:00 PM. [REGISTER](#). Class size limited to 25. Please register in advance by the Monday before the class. For accommodations contact [jah663@cornell.edu](mailto:jah663@cornell.edu) 5 days prior to your event. Planning for Next Season; Location: TBD

**Evening Bird Walk-**5:00 PM - 06:00 PM at Knox Farm State Park (Niagara). Celebrate "Birdability Week" as we go on an accessible evening bird walk through Knox Farm State Park. Birdability Week provides birding programs for birders with disabilities and other health concerns and is a great way to learn about our local birds! People of all ages and abilities are welcomed to join. For information and registration call (716) 549-1050.

**Olmsted Community Alliance Quarter 4 Meetings-** RSVP here: [bfloparks.org/oca/rsvp](http://bfloparks.org/oca/rsvp). South District (Cazenovia & South Parks, McClellan & McKinley Circles, McKinley & Red Jacket Parkways)5:30pm- 7:00pm, Tosh Collins Community Center, 35 Cazenovia St, Buffalo, NY 14210

**Speaking to the Media: TV and Radio Interviews-** 12:30 – 2pm, Partnership for the Public Good, 617 Main St., Buffalo. Learn how to share your story and message in interviews for TV and radio. These interviews are a big opportunity to advance your advocacy, but being on camera or in front of a microphone can be intimidating! We'll discuss how to prepare for an on-camera/on-air interview, what questions to ask in advance, how to communicate effectively during these typically short media appearances, and how to increase the impact of your segment after it airs. Hear directly from two experienced local broadcasters on what makes for interesting and effective interviews. In-person participants will have the opportunity to practice responding to questions on camera and receive feedback on their interviews. [Register for In-Person](#) [Register for Zoom](#)

**Scinight: Terror-ariums-** 6 to 7:30pm at Buffalo Science Museum. Be the creator of your own microcosm in this terrarium-building workshop. View sinister models of deadly plants while creating a living scene to keep you company through the dark winter nights. Cost includes all materials for terrarium, substrate, and plants. [Register](#). Age: 18+. Cost: \$30 per participant, 10% off for BMS Members.

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

### Thursday, October 20

**Gobike Learning Workshop-** 530 to 830P, Component Specific Workshop: drivetrain II – setting limits, cable adjustment and tension. Here we lay the foundation of proper alignments and limits of the derailleur, build the house of a smooth operating shift. 98 Colvin Avenue, Buffalo, New York 14216. \$15 for general public, FREE for GObike members. [Register](#).

**Wednesday Woods Walk-** 10:00 AM - 12:00 PM at Knox Farm State Park. Head out to the woods for a scenic walk, through Knox Farm State Park, to enjoy the fall foliage and other autumnal changes. For information and registration call (716) 549-1050.

**Evening Bird Walk**-5:00 PM - 06:00 PM at Knox Farm State Park. Celebrate "Birdability Week" as we go on an accessible evening bird walk through Knox Farm State Park. Birdability Week provides birding programs for birders with disabilities and other health concerns and is a great way to learn about our local birds! People of all ages and abilities are welcomed to join. For information and registration call (716) 549-1050.

**Walking and Public Health: Research Insights into the Value of Active Living (Walkinar III)**-10:30am webinar. [Register](#).

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

**Climate Conversations: Extreme Heat**- 3:00 PM – 4:00 PM ET virtual. Extreme heat is often not taken as seriously as other extreme weather, yet it kills more people in the U.S. than any other weather-related disaster. And because of climate change, extreme heat events are becoming hotter, longer, and more common, including in new times of year and in places not used to hot weather. Join us for a conversation about how government and community leaders throughout the country are developing approaches to reduce the risks people face from increasingly extreme heat. Speakers will be announced soon. The conversation will be webcast on the Climate Conversations: Extreme Heat webpage on Thursday, October 20, 2022 from 3-4pm ET. Closed captioning will be provided. The conversation will include questions from the audience and will be recorded and available to view on the page after the event. [Register](#)

**Daytime Behind the Scenes Tour: Cabinet of Curiosities**- 2 to 4pm at the Buffalo Science Museum. Take a peek into the Vertebrate Zoology Collection's spine-tingling Cabinet of Curiosities to explore the mind bending stories of some of nature's unique freaks, morbid mistakes, and seemingly scientific impossibilities! Marvel at obscure oddities, glimpse the wildly unusual, and satisfy your macabre interests. Feeling enticed yet? We invite (dare) you to join us for a hair-raising tour to get an eyeful of all this, and more. You truly never know what you might encounter in the Cabinet! Age: 18+. Cost: \$30 per participant, 10% off for BMS Members. [Tickets](#).

**Herbs as Medicine: Fire Cider and other Remedies**- Free workshop at 6:30 pm at 387 Massachusetts Ave. with MAP. Registration required at [tim@grassrootsgardens.org](mailto:tim@grassrootsgardens.org) or 716-548-6707.

**PUSH Building Blocks Breakfast**- | 8-9 AM | D'Youville Academic Center, 6th Floor. Come learn what the organization is doing in the neighborhood. [Register for free](#).

## Friday, October 21

**Autumn Astronomy: Orionids**- 08:00 PM to 09:30 PM at Fort Niagara State Park. Take advantage of autumn's longer nights and enjoy the Orionid meteor shower with a park naturalist! For information and registration call (716) 282-5154.

**Bees, Trees and Beyond**-6pm at the Burchfield Penney Art Gallery, Rockwell and Elmwood, Buffalo. Helen Holm, a great pollinator conservation activist, biologist, and well-known author will discuss pollinators, beneficial insects and the plants that support them. Free and open to the public.

**Art of Science**- 12:00 PM - 12:30 PM at Buffalo Science Museum. 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. [Tickets](#).

**Family Halloween Hike at Tiff Nature Preserve**- 7 to 9pm. Venture into the woods on a guided hike to find out who or what has been on the Tiff Trails at night. Investigate mysterious sounds, smells, and textures in the dark. End with hot cider, delicious doughnuts, and kid's crafts! Program entirely indoors in inclement weather. Age: Ages 5 and up, Cost: \$10 per person. BMS Members save 10%. Advance registration required. Space is limited. [Tickets](#).

## Saturday, October 22

**Keeping it Creepy** -10am. What was that?! Come and explore the creepier side of nature. Join us for a presentation followed by a short, guided walk. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Center, Depew.

**Introduction to Horticulture**- On-site at the Botanical Gardens-in the Administration Building, 10:30am-12:30pm, \$25 per class, \$22.50 per class for Members. Join us back onsite at the Botanical Gardens! Our horticulture classes are great for gardeners of all backgrounds and experience, those with lots of land or small spaces, or even those who just appreciate plants in general. Classes are suitable for students 16 and older. Get ideas, meet other plant-loving people and grow your horticultural knowledge on timely and relevant topics in a fun, approachable interactive class. Questions and discussion are encouraged! [Register](#). Topic: Annuals and Perennials.

**Fall-ing in Love with the Gorge**- 10:00 AM - 12:00 PM at Niagara Falls State Park. Enjoy fresh air this October with a naturalist on a Saturday stroll, where we will celebrate the beauty and wonder of the Niagara Gorge. For information and registration call (716) 282-5154.

**Owl Prowl at Beaver Meadow Nature Center**-7:00 PM to 9:00 PM. Join Naturalist Tom Kerr for a nocturnal search for the Eastern Screech-owls and Barred Owls that make their home in the Beaver Meadow Preserve. After a short presentation with Zelda, our Screech-owl ambassador, we'll learn about the habitat these nocturnal predators need as we listen for their calls. Space is limited and registration fills quickly! Ages 8 and up. \$15 General Admission/\$12 BAS Members. [Register](#).

**Climate Change Action Plan Public Meeting**-10:30 to noon at Buffalo Central Library, Ring of Knowledge. [erie.gov/climateaction](http://erie.gov/climateaction)

## Sunday, October 23

**Roller Rink at Canalside: Public Skating**-12 to 8pm at Canalside in Buffalo.

## Monday, October 24

**Slow Roll at the Irish Center**-6pm. Buffalo Irish Center 245 Abbott Rd, Buffalo, NY. Our 26th of 27 free and inclusive Monday night community bike rides brings us back Southside to the Buffalo Irish Center, where we'll honor the recently-passed longtime center director Mary Heneghan. Join us for a 10-mile roundtrip ride with two stops, returning to the Irish Center for an afterparty with food, drinks, music and fellowship.

## Tuesday, October 25

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

**Niagara Group of Sierra Club**-7 to 9pm virtual meeting. If you are interested in joining us please send us an email at [niagarasierra@gmail.com](mailto:niagarasierra@gmail.com)

**Scinight: Adults Only Pumpkin Carving**- 7:30 PM - 9:00 PM. Bring a friend or two for a fun indoor evening of adults-only pumpkin carving, refreshments and hot cider at Tiff! We'll provide all you need to create your own medium-sized pumpkin lantern to be proud of! Age: \$20 per person, BMS Members save 10%. Cost: 18+. Advance registration required. Space is limited. [Tickets](#).

**The Book of Bugs**-12 noon. Join Orion Magazine and Xerces Society to celebrate Orion's creepy-crawliest anthology yet. Our guests, Robert Pyle, Lulu Miller, and Scott Black, will be in conversation about books, bugs and conservation, to celebrate the Book of Bugs: The best writing about insects, arachnids, and other arthropods from Orion magazine. The book features a foreword by Radiolab's Lulu Miller and work from luminaries such as Wendell Berry, Brian Doyle, Jane Hirshfield, Linda Hogan, Robert Macfarlane, Laline Paull, David Quammen, E.O. Wilson, and many more. Join us in celebrating the many-legged world. [Register](#).

## Wednesday, October 26

**Urban Forestry Around the Globe**-10am ET. There are challenges to managing a healthy urban forest that are shared around the world, including pests, storm damage, and development. This webinar will bring together different perspectives to compare how unique objectives, methods, and technology are employed around the world to tackle urban forestry's biggest challenges. In this webinar Ian Hanou and Russell Horsey MICFor will host two highly respected urban forestry professionals, David Syvier, Program Manager at the US Forest Service, and Cecil Konijnendijk, co-founder of Nature Based Solutions Institute and Global Urban Forester, to discuss urban forest management in their regions and compare with others around the world. [Register.](#)

**Food Policy Council Meeting**-4pm. Please email [FPC@erie.gov](mailto:FPC@erie.gov) for virtual meeting information.

## Thursday, October 27

**Expanding Access to Pedestrian Infrastructure and Improving Public Safety: Tools and Case Studies (Walkinar IV)**-10:30am webinar. [Register.](#)

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

**Olmsted Community Alliance Quarter 4 Meetings**- RSVP here: [bfloparks.org/oca/rsvp](http://bfloparks.org/oca/rsvp). MLK Jr. District | 6:00pm - 7:30pm, King Urban Life Center, 938 Genesee St, Buffalo, NY 14211

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

## Friday, October 28

**Roller Rink at Canalside: Public Skating**- 4 to 10pm at Canalside, Buffalo.

## Saturday, October 29

**Trick or Treat Hike at Beaver Meadow Audubon Center**- 1:00 to 4:00 PM and 6:00 to 9:00 PM.

Meet the nocturnal animals of Beaver Meadow during our special Halloween Event! [Registration.](#) \$15 admission, \$3 discount for members. For information on volunteering to be a part of this event email [joe@buffaloaudubon.org](mailto:joe@buffaloaudubon.org)

**Introduction to Horticulture**- On-site at the Botanical Gardens-in the Administration Building, 10:30am-12:30pm, \$25 per class, \$22.50 per class for Members. Join us back onsite at the Botanical Gardens! Our horticulture classes are great for gardeners of all backgrounds and experience, those with lots of land or small spaces, or even those who just appreciate plants in general. Classes are suitable for students 16 and older. Get ideas, meet other plant-loving people and grow your horticultural knowledge on timely and relevant topics in a fun, approachable interactive class. Questions and discussion are encouraged! [Register.](#) Topic: Introduction to Garden Design.

**Ticket To Roll: All Potholes Eve**-12 to 5pm. Flying Bison Brewery 840 Seneca St., Buffalo, NY. Join us for our third annual ghoulishly-guided bicycle ride, All Potholes Eve! Your ticket includes a SQUAD-led 13 mile ride with one stop for treats, dinner (Chiavetta's Chicken OR Cafe Godot Seasonal Vegan) and a beverage back at Flying Bison plus an awesome Halloween costume contest and afterparty with DJ Paco, a commemorative t-shirt and more! Just want to party down and maybe win the costume contest? Grab a PARTY ONLY or DINNER + PARTY ONLY ticket, both also include a beverage from Flying Bison. Part of Slow Roll Buffalo's Ticket To Roll Series, this limited-capacity, ticketed ride is a fundraiser in support of Slow Roll's nonprofit mission to provide inclusive cultural experiences by bicycle that connect communities and promote public health. Your generous support helps keep our Monday community rides free for all. This ride is rated GEAR 1. Shorter mileage and a 10mph pace with one stop make it appropriate for most riders. [Get Tickets \\$10.00 – \\$60.00](#)

**Living Sustainably Fair**-10am to noon. Concerned about climate change but not sure what to do about it? This open-house event will connect you with local resources that can help you remove fossil fuels from your lifestyle. You may even save a lot of money as a result! No registration required. Reinstein Woods Nature Center, Depew.

**Fall-ing in Love with the Gorge: Goat Island**- 10:00 AM - 12:00 PM at Niagara Falls State Park. Enjoy fresh air this October with a naturalist on a Saturday stroll, where we will celebrate the beauty and wonder of the Niagara Gorge. For information and registration call (716) 282-5154.

**Birding Field Trip: Lake Ontario Plains with Willie D'anna**-Meet at 8 AM at Tops Market in Wright's Corners. This is on the east side of Route 78 and Route 104, north of Lockport. Leader: Willie D'Anna (716-751-3637 or [dannapotter@roadrunner.com](mailto:dannapotter@roadrunner.com)). This trip is a car caravan of sorts, plying the rural roads of Niagara County in search of late fall migrants.

### Sunday, October 30

**Roller Rink at Canalside: Public Skating**- 12 to 8pm at Canalside.

### Monday, October 31

**Halloween & Season Finale Slow Roll Ride**-6pm. Community Beer Works 520 7th Street, Buffalo, NY. Our 27th of 27 free and inclusive Monday night community bike rides brings us back to our beloved brewery and biggest supporter Community Beer Works on the Lower West Side, for a costume-optional Halloween Ride and season finale! Join us for a 10-mile roundtrip ride with two stops, returning to CBW for an afterparty with food, drinks, music, fellowship, and of course a costume contest!

### Tuesday, November 1

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

### 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

### 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.*

## 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.

- **Equitable siting of environmental facilities** ([A2103-D/S8830](#)) legislation requires the existing burdens of EJ communities to be considered as part of the State Environmental Quality Review Act (SEQRA) and when DEC is making certain permitting decisions. This legislation is significant in shifting the longstanding inequitable pattern of siting polluting facilities in environmental justice communities.
- **Crypto-mining moratorium** ([A7389C/S6486D](#)) legislation was passed in the final days of session and is a significant win to ensure the climate and environmental impacts of the cryptocurrency industry are assessed. This legislation places a two-year moratorium on specific methods of cryptocurrency mining and prevents the expansion or renewal of permits for operations conducted at power plants running on fossil fuels.
- **Improving air quality in environmental justice communities** ([A6150B/S4371D](#)) will create air quality standards for toxic contaminants, particularly in low-income communities and communities of color.
- **Water affordability data** ([A7754B/S5451C](#)) legislation for the first time ever will require all water, gas, and electric utilities to report data on shut-offs, debt, and more, so we can fully understand and address increasingly unaffordable utility services across New York.
- **Streams protection** ([A6652/S4162](#)) legislation will protect up to 41,000 miles of New York streams, in addition to supporting wildlife and jobs in the recreation economy. This legislation is so important because the health of our streams is linked to the safety of our drinking water.
- **Carpet recycling** ([A9279-A/S5027-B](#)) legislation will establish a carpet recycling program in New York, requiring carpet manufacturers to be responsible for the costs associated with carpet collection and recycling. The legislation also prohibits the use and treatment of PFAS chemicals on carpets.
- **Natural organic reduction** ([A382/S5535](#)) legislation will allow New York to follow the lead of Colorado, Oregon, and Washington in providing an eco-friendly alternative to cemetery burial or cremation. Cemetery burial and cremation are both resource-intensive and have undesirable environmental impacts. Natural organic reduction is estimated to save a metric ton of carbon dioxide when chosen over cremation or burial.

**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:

**Campaign for the Climate-** [Clean Water, Clean Air, and Green Jobs Bond Act](#) will be on the 2022 NY ballot and our voting at all levels can impact the environment. The NRDC has prepared a [handbook](#) to help New Yorkers understand the issues and take action. Projects supported by the Bond Act will: safeguard clean drinking water, preventing contamination and pollution; update aging or failing water and sewer infrastructure; reduce carbon pollution that causes climate change; preserve forests, wetlands, and other wildlife habitats and more.

**Check your voter registration is up to date before Oct. 14 deadline-** [Erie County](#), and [Niagara County](#).

**Wish-cycling (tossing things in the bin that you hope will be recycled)** leads to many issues along the recycling process including damaging equipment and recycling workers. Items that measure less than 3 inches in diameter are difficult for recycling facilities-better to toss it. Good news-Pizza boxes can be recycled and Domino's want you to know-check out their [box](#).

## 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-ctrc/>.

**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.metroyny.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/cfm/xtapps/sls\\_searches/index.cfm?p=live\\_rehab](https://www.dec.ny.gov/cfm/xtapps/sls_searches/index.cfm?p=live_rehab)  
[Tree Equity Score Tool](#)- tree cover with social and demographic statistics  
[Climate Change and Birds Visualizer](#)- examines how birds are faring across regions  
[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](http://www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029)  
Black Dog Rescue- [www.blackdogsecondchance.org](http://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](http://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/>  
Gregs U-Pick- <http://gregsupick.com/>  
Groundwork Market Garden- <http://www.groundworkmg.com>  
Happy Shacks Oils-free seed library <https://happyshackoils.com/>  
Healthy Living Farm- <https://www.healthylivingfarm.com>  
Kindred Kreek Farms- <https://www.kindredkreek.com/>  
Kubed Root-<http://www.kubedroot.com/>  
Little Bear Farm- <http://www.littlebearfarm.harvesthand.com/>  
Little Woods Farm-<https://www.littlewoodsfarmalden.com/>  
McCollum Orchards- <http://mccollumorchards.com/>  
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>  
Native Offerings- <http://nativeofferings.com/>  
Niagara Malt- [www.niagaramalt.com](http://www.niagaramalt.com)  
Plato Dale Farm- <https://platodalefarm.com/>  
Porter Farms- <http://www.porterfarms.org/>  
Produce Peddlers-<https://producepeddlers.com/>  
The Promised Land- <http://promisedlandcsa.com/>  
Providence Creek Farm- <http://www.providencecreekfarm.com/>  
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>  
Root Down- [www.therootdownfarm.com](http://www.therootdownfarm.com)  
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/>

**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](http://NikeReuseAShoe.com), [Souls4Souls.org](http://Souls4Souls.org) and [OneWorldRunning.com](http://OneWorldRunning.com)

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

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

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

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

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

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

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

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

**Eco-volunteering with Travel:**

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

<http://www.globalteer.org>

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

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

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

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

**Education Courses, Resources or Certificates:**

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

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

[Green Education Foundation](#)

[Facing the Future](#)

[Cloud Institute for Sustainable Education](#)

[Sustainable Futures Institute](#)

[Nature Generation.](#)

[The Center for Ecoliteracy](#)

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

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

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

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

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

**On Demand Webinars:**

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

[Plan-It GEO](#)

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

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

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

**Miscellaneous tools including videos and websites:**

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

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

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	<a href="http://adk-nfc.org/">http://adk-nfc.org/</a>
AIA Buffalo Western NY	<a href="https://www.aiabuffalowny.org/">https://www.aiabuffalowny.org/</a>
Air and Waste Management Association	<a href="https://awmanfs.wildapricot.org/">https://awmanfs.wildapricot.org/</a>
Allegany Nature Pilgrimage	<a href="http://alleganynaturepilgrimage.com/">http://alleganynaturepilgrimage.com/</a>
Alliance for the Great Lakes	<a href="http://www.greatlakes.org">www.greatlakes.org</a>
American Planning Association-WNY Section/Upstate	<a href="http://nyupstateplanning.org/www.wnyapa.com">http://nyupstateplanning.org/www.wnyapa.com</a>
American Meteorological Society-WNY Chapter	<a href="http://www.facebook.com/amswnychapter">www.facebook.com/amswnychapter</a>
Amherst State Park Arboretum	<a href="http://www.amherststatepark.org/ASP/Welcome.html">http://www.amherststatepark.org/ASP/Welcome.html</a>
Aquarium of Niagara	<a href="http://www.aquariumofniagara.org">www.aquariumofniagara.org</a>
Asha Sanctuary for Rescued Farm Animals	<a href="http://www.ashasanctuary.com/">http://www.ashasanctuary.com/</a>
AWARE-Assoc. for Wild Animal Rehabilitation & Education	<a href="http://www.awarewildlife.com/">http://www.awarewildlife.com/</a>
Bergen Swamp Preservation Society	<a href="http://www.bergenswamp.org/">http://www.bergenswamp.org/</a>
Birds on the Niagara	<a href="http://www.birdsontheniagara.org/">http://www.birdsontheniagara.org/</a>
Black Rock Riverside Alliance	<a href="https://brralliance.org/">https://brralliance.org/</a>
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.buffalamaritimecenter.org/">http://www.buffalamaritimecenter.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-orienteering.org/">https://buffalo-orienteering.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">https://esd.ny.gov/erie-canal-harbor-development-corporation</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://ltlol.com/">https://ltlol.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-101363388870887088/">www.facebook.com/Niagara-River-Anglers-101363388870887088</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://roccbuffalo.org/">http://roccbuffalo.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="http://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="http://www.urbanroots.org/">www.urbanroots.org/</a>
US Army Corps of Engineers-Buffalo District	<a href="http://www.lrb.usace.army.mil/">http://www.lrb.usace.army.mil/</a>
US Coast Guard-Boating Safety	<a href="http://www.wnyboatsafe.org/">http://www.wnyboatsafe.org/</a>
US Fish and Wildlife, 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="https://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.westsideminstries.org/">http://www.westsideminstries.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>