

Enviro-News

September, 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:

Scajaquada Sweep & Kickoff

Kick off Scajaquada September by making an immediate impact! Join Buffalo Niagara Waterkeeper on **September 1** at one of three locations from 3-6pm to clean up the lower portion of Scajaquada Creek. Thanks to our friends at Perry's Ice Cream, every volunteer will receive a coupon for a free Perry's Pint after the cleanup! This event is funded in part by the Ocean Conservancy's Small Grant Program. [Learn more and register here.](#)

Living Green Festival

The Unitarian Universalist Church of Amherst (6320 Main St., Williamsville) is holding its Living Green Festival from **September 9 to 11**. This family-friendly festival will include walks and talks, music, dance and grazing by Let's Goat Buffalo as the herd removes invasive plants. [Check out the schedule and food vendors.](#) All are welcome.

September Green Drinks

Join fellow environmentally minded individuals as we meet in person on **Thursday, September 8th** at 5:30pm at Thin Man Brewery, 492 Elmwood Ave, Buffalo, NY 14222. The event is also listed on the [Green Drinks webpage](#). No reservations needed and great for networking and making new friends.

Modern WNY Returns

This September, we're celebrating our 4th annual ModernWNY week celebrating modern architecture, design, and art from across Western New York! Featuring self-guided walking tours, virtual lectures, and in-person tours from **September 12- 17, 2022**, ModernWNY invites the community to celebrate the region's rich tradition of architectural experimentation. [Explore the schedule of events and get your tickets today!](#)

Reinstein Woods Fall Festival

The 22nd annual Fall Festival at Reinstein Woods Nature Preserve in Cheektowaga will be held on **Saturday, Sept. 17**, from 10 a.m. to 4 p.m. Visitors can spend the day enjoying nature activities, exhibits, live animals, music, and more. The festival is free and open to the public. A scavenger hunt leads families on an adventure to find some of the more than 20 nature and environmental organizations at the festival. A donation to Friends of Reinstein Woods is appreciated at the door to support the festival. For a complete list of festival activities, call (716) 683-5959 or visit the festival webpage.

Veterans 2022 Climate and Clean Energy Cohort: Applicants Wanted

The Veterans Organizing Institute is a program which supports leadership development of Progressive military veterans, and their vision is to develop a network of diverse former service members with a sophisticated political analysis and practical organizing skills. From **September 14-18**, VOI will convene our first climate-focused training for veterans working at the intersection of clean energy, economic equity and climate justice. This VOI in Java Center, NY will offer participants the skills to take action in support of a clean energy transition that benefits working families, and to elevate diverse veteran voices to protect our communities and our country from climate change. [Click here to register](#), and be sure to also [contact Emily](#) for more information and to coordinate details like travel.

World Trade Celebration: EVs and Buffalo Niagara's Opportunities in Transportation

The 2022 World Trade Celebration will be held **September 15** from 3-7pm at Wurlitzer Events Center, North Tonawanda, NY. It's been two years since we've been able to gather the trade community together to celebrate our bi-national region's reach into the global marketplace, and we're looking forward to seeing everyone, in-person, again. Featuring two panel discussions: EVs and the Future of Freight Shipping AND The Future of EVs in Buffalo Niagara. This year's program also includes a real-life EV car show! World Trade Celebration 2022 is sure to open a wide audience's eyes to how vital transportation is to international trade in our region, and Buffalo Niagara's significant role in the future of the industry. Click [here for more details and to register](#).

Grassroots Gardens Pie Raffle

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

Upcoming Electronics Recycling Dropoffs

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

Paws in the Park

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

Doors Open Buffalo-Broadway/Fillmore Neighborhood

Join Explore Buffalo on **Saturday, September 24** as 19 buildings are open to the public from 10am to 4pm. See the historic Broadway Fillmore district with unique access to interior spaces. Free, but [register](#) as all visitors are required and will speed up entry to buildings for everyone. Event details, including participating buildings, can be found at [DoorsOpenBuffalo.org](#)

Scajaquada Scavenger Hunt

Form a team and compete for prizes on **Saturday, September 24 from** 12 to 2pm. DYou and your team will visit locations along Scajaquada Creek, racing against other teams to complete activities while exploring the Creek. You might be asked to take a selfie with the Lincoln statue overlooking the Japanese Gardens or go to the mouth of Scajaquada and pick up as much litter as you can in 60 seconds. Your team will have 2 hours to complete as many challenges as possible, with the goal of scoring more points than the other teams. The team with the most points at the end of the Hunt will win a prize pack loaded with gift certificates from local shops, restaurants, and attractions! Additional points and prizes can be earned through fundraising leading up to the Hunt. Don't wait to register – the first 100 registrants will be able to join Buffalo Niagara Waterkeeper at the Post-Hunt Party at Buffalo Cider Hall! Learn more [here](#).

PFAS in Food Packaging Law: Public Meeting

The NYS Department of Environmental Conservation cordially invites you to attend a virtual public meeting, via WebEx, on the PFAS (per- and polyfluoroalkyl substances) in Food Packaging Law. This virtual public meeting will take place on **Tuesday, September 6, 2022** at 11:00 am, Eastern Standard Time (New York). DEC will present an overview of the enacted law banning PFAS in food packaging and details on the upcoming implementation of the law. If interested in attending this virtual public meeting, registration is required. Information about the law as well as meeting and registration details are available on [DEC's website](#). Questions can be directed to Carmelle Sanders at 518-402-8706.

Environmental Education Outcomes Online Course

Cornell University is offering an online course in Environmental Education Outcomes from **September 12-October 9**. Through short pre-recorded lectures, podcasts, readings, social media, and live webinars, this course will help you define your environmental education goals and learn what the research says is the best pathway to achieve them. Topics include environmental behaviors, collective action, knowledge, values, attitudes, nature connectedness, sense of place, identity, self- and political efficacy, health and well-being, positive youth development, academic achievement, and resilience. Course participants diagram their own theory of change outlining how to reach their environmental education goals. Through this course, you will apply research-based knowledge to start new or enhance existing environmental education programs, strengthen your professional networks by exchanging ideas with peer educators and university students around the world, and gain professional credentials. Cost is \$60. [Register and information](#).

Scajaquada Creek Spill Generates Advisory

NYSDEC announced that their Spill Response Unit is working to contain and eliminate coal tar and other hazardous substances from entering the lower section of Scajaquada Creek from a pumphouse at Niagara Street near Scajaquada Creek's outlet to the Black Rock Canal, in Buffalo. The public is advised to avoid contact and not eat fish from the Scajaquada Creek and Black Rock Canal.

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!](#)

Free Tours of Canalside and Lockport

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

Fall Mini-Vet School Registration Opens

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

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](#).

Household Hazardous Waste Dropoff

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

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

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. In addition, they will offer several plenary events for networking across disciplines. Learn more about the conference [here](#).

Wind Turbine Blade Recycling: Lots of Uses Including Gummy Bears

Wind power is increasingly popular renewable energy; however, when it's time to replace the huge turbine blades that convert wind into electricity, disposal is a problem. Scientists report a new composite resin suitable for making the blades that could later be recycled into new turbine blades or a variety of other products, including countertops, car taillights, diapers and even gummy bears. The resin system can be dissolved to separate it from its matrix, allowing the components to be used many times. The new turbine material combines glass fibers with a plant-derived polymer and a synthetic one. Panels made of this thermoplastic resin were strong and durable enough to be used in turbines or automobiles. Read [more](#).

Help Wheels for Workers Provide Transport for Re-settling Families

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

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

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

Regenerate NY Grants Available

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

Have an Apiary?

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

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 to request a course in your community today!

How to file a report to the DEC

See dark smoke or dust rising from an industrial site, or smell something foul? Visit [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)**.

Check Your Pool Filter for Asian Longhorned Beetle

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

Municipal Training Resources from LEWPA

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

Public Encouraged to Report Potential Beech Leaf Disease Infections

The New York State Department of Environmental Conservation (DEC) has announced that Beech Leaf Disease (BLD), which affects all species of beech trees, 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. [View the Beech Leaf Disease map \(PDF\)](#).

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

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

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.

Guayule for Future Rubber

Bridgestone, the tire manufacturer, is encouraging growers to produce guayule in the Southwest. It's a small desert shrub that can survive without irrigation and Bridgestone has spent the last decade researching how the plant can be used to make rubber. Now, the company is investing \$42 million to scale up commercial production of the natural rubber. Most tires on passenger cars use 90% synthetic materials now; but 10% still comes from rubber trees. Tires used for heavy loads, like big trucks, are still made completely from natural rubber. But rubber trees grow in a limited tropical area, are labor intensive to harvest, and are susceptible to disease. Climate change may limit supplies even more as rising temperatures affect rubber yield, and extreme weather makes it harder to harvest. [Read more.](#)

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.

New Remote Sensing Research for Water Chestnut in Erie Canal

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

eBird Helps Track Your Bird Sightings

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

Nonnative Tree Population Increase - USDA Forest Service Report

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

Beer Can Carriers: Most Not Recycled

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

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, 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.

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.

Krill-Inspired Color Changing Windows

Krill may be small, but many krill can fill a whale’s stomach. These little translucent crustaceans can actively change the color of their skin (from transparent to opaque) in order to protect themselves from the sun. Scientists at the University of Toronto are using this principle for building facade material. They’ve designed a new ultra-thin material that could be applied to the surface of windows and act as a highly customizable skin, which can change its opacity in a matter of minutes. Their work is in the early stages, but may offer a solution to help us adapt to a changing climate. [Read more.](#)

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. The registered facility is convenient to both the Buffalo and Rochester markets, located just ten minutes from the Pembroke exit of the NYS Thruway. 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.

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](#).

Public Comment Period on Proposed Forest Tax Law Regulations

New York State Department of Environmental Conservation (DEC) Commissioner Basil Seggos has announced proposed changes to the implementing regulations for Real Property Tax Law Section 480a, also known as the Forest Tax Law. The comprehensive overhaul of these nearly 50-year-old regulations will lessen the administrative burden on participating forest landowners, help DEC promote compliance with requirements in place, and maintain and improve sustainable timber management on enrolled lands. Comments will be accepted through Sept. 19; two virtual public comment hearings are scheduled Sept. 13. [Read More](#)

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

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

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

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

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.

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](#).

Is Your Congregation Cool?

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

Lead Pipes in your House? Get a Free Water Test

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

Help Track Spotted Lanternfly

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

Box Tree Moth Watch

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

Hemlock Woolly Adelgid Management

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

Meet the Earthworms of New York

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

Hops N' Rocks 2022

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

Reuse Action in Action: Source for Reusable Materials

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

Is Science Sustainable?

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

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.

New York Truck Voucher Incentive Program

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

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](#).

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 4th Graders

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

Teacher's and Home-Schooling Resources

[Our World in Data Website](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Additional resources](#)

Contests, Fellowships and Awards

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

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

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

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

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

[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.

[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

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

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

[Lemelson-MIT InvenTeams Grant](#)-8 grants of up to \$7,500 each are available for the 2022-2023 school year through the InvenTeams grant program. The grant is available for educators to apply with a small group of high school students to integrate from STEM lessons to develop invention prototypes. Deadline: **September 6**.

[RK Mellon Foundation Invasive Plant Request for Proposal](#)- focuses on the following three areas: Strengthening Programs Limiting Invasive Plants in the Nursery Trade and Retail Outlets, Promoting Voluntary Efforts Through Outreach and Education and Integrating Warming Temperatures and Climate Change into Prevention and Early Detection/Rapid Response. Eligible institutions include nonprofit and public sector organizations, including those operating at local, state, Tribal, regional, and national scales. No more than \$250,000 is expected to be available per proposal. If funded, projects must be implemented within 12-18 months. Deadline: **Sept. 9**.

[Advancing Equity through Workforce Partnerships](#)- will award \$10 million for the development of collaborative workforce programs that will facilitate the rapid deployment of solar energy technologies while supporting an inclusive workforce with opportunities for union membership. This opportunity will enable more members of disadvantaged communities and energy justice populations to pursue careers in the solar energy industry. Letter of Intent Deadline: **September 13**.

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

[NSHSS School Supplies Grant](#)-The National Society of High School Scholars will award twelve \$500 awards to support high school educators provide additional opportunities to their students and classrooms. Deadline: **September 15**.

[Keesler Scholarship Fund](#) -Students in wildlife management may apply for scholarships. Deadline: **September 15**.

[Environmental Justice Data Fund](#)-funds for smaller-scale or early-stage data projects, including organizational capacity building for data work. The EJ Data Fund will award grants in two tiers: \$25,000 and \$50,000. The fund anticipates making 20 to 40 of these grants and will prioritize locally focused community-led organizations as the primary recipients. Deadline: **September 15**.

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

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

[Wetland Reserve Enhancement Partnership](#)-USDA is investing up to \$20 million to help conservation partners protect and restore critical wetlands. NRCS is prioritizing proposals that support efforts to mitigate climate change by restoring wetlands while also prioritizing assistance to underserved communities. Proposals are due **September 23, 2022**.

[AIAA Foundation Classroom Grant Program](#)-The AIAA Foundation will award grants of up to \$500 to projects with STEAM connections and an emphasis on aerospace that significantly influence student learning. Funding can be used towards classroom STEM demonstration kits, STEM Supplies, K-12 STEM software, and other supplies as detailed on the website. Deadline: **September 30**.

[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**.

[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**.

[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**.

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

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

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

[Groundswell Grants for Black Buffalo](#)- stabilization funds awarded to Black-owned and Black-led nonprofits and small businesses working in East Buffalo. From payroll and operating expenses to essential supplies and facilities improvements, these investments help each organization thrive, both in the wake of trauma and well into the future, strengthening their ability to continue serving our shared community. Deadline: **Rolling**.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Employment and Internship Opportunities

[WNY PRISM Community Science and Engagement Program Manager](#)-will work to engage community members and our partners in efforts to prevent, monitor and manage invasive species by leading education and outreach programs for WNY PRISM. This involves implementing community science programs and coordinating volunteer efforts, communication with the public and partners, event coordination, extensive record keeping, development of outreach, instructional materials and online content, coordination of social media, and maintenance of the WNY PRISM website. This is a full-time position in Buffalo, NY with a target start date of October 11, 2022. Deadline: **September 16, 2022.**

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

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

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

[Development Director: Grassroots Gardens](#)- Fulltime. Deadline: **Sept. 6** or until filled.

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

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

[Environmental Marketing Nutritionist](#) - Cornell Cooperative Extension of Erie County has an opening for an Environmental Marketing Nutritionist (EMN). SNAP-Ed focuses on good nutrition, stretching food dollars, living physically active lifestyles, and engaging partners to build healthier communities. Our program offers free services to support these efforts targeting low-income families and individuals. Our work encompasses all age groups, and our regional efforts currently includes outreach to Erie, Niagara, Genesee, Wyoming, Orleans, and Niagara counties. Deadline: **Sept. 1**.

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

[Creating Healthy Schools and Community Educator](#)- Deadline: **Sept. 15**

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

[Marketing Assistant \(part-time\)](#) -The Buffalo and Erie County Botanical Gardens seeks an enthusiastic and creative Marketing Assistant who will provide support to the Marketing Team. This position is an essential part of the overall visitor experience at the Botanical Gardens. **Open until filled.**

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

[Farmers Market Federation of NY](#)- Assistant Director, travel required. Deadline: **Sept. 20**.

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

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

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

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

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

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

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

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

[Adoptions Counselor](#)- Erie County SPCA

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

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

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

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

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

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

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

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

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

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

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

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

[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 or info@nyshemlockinitiative.info.

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

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

[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.

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

[Other Citizen Science Programs](#)

[More](#)

Upcoming Community Activities:

Thursday, September 1

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

WNY PRISM Workshops-10am to noon for Terrestrial, 1 to 3pm for Aquatic. Both at Reinstein Woods Nature Center. [Info and registration.](#)

Scajaquada Sweep & Kickoff-Join Buffalo Niagara Waterkeeper at one of three locations from 3-6pm to clean up the lower portion of Scajaquada Creek. Thanks to our friends at Perry's Ice Cream, every volunteer will receive a coupon for a free Perry's Pint after the cleanup! This event is funded in part by the Ocean Conservancy's Small Grant Program. [Learn more and register here.](#)

Architects of Air-1 to 7pm at The Dart Lawn at Canalside, 50 Main Street, Buffalo, NY, 14202. The luminaria designed by company founder Alan Parkinson are inspired by natural forms, geometric solids, Islamic and Gothic architecture. Each new creation is a maze of winding paths and inspiring domes where the visitors may lose themselves in sensory bliss. Presale \$10, \$12 at door. [Tickets.](#)

Friday, September 2

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

Russia's War, the World's Food: Successes and Challenges of Ukrainian Agricultural Producers -2:30 to 5pm. Webinar. [Register](#) if you can't attend and get the video link.

Mammals of New York- 01:00 PM - 02:00 PM at Fort Niagara State Park. Join us in the nature center for a hands-on program about mammals of New York! For information and registration call (716) 282-5154.

Architects of Air-1 to 7pm at The Dart Lawn at Canalside, 50 Main Street, Buffalo, NY, 14202. The luminaria designed by company founder Alan Parkinson are inspired by natural forms, geometric solids, Islamic and Gothic architecture. Each new creation is a maze of winding paths and inspiring domes where the visitors may lose themselves in sensory bliss. Presale \$10, \$12 at door. [Tickets](#).

Saturday, September 3

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

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

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

Foundations of Horticulture-Classes will again be onsite at the Buffalo and Erie County Botanical Gardens, 2655 South Park Ave., Buffalo. 11am to 1pm on Saturdays.. You can sign up for a single class or the entire series. [Sign up here](#). Topic: Soil Science for Gardeners.

Summer's End Stroll-10am. Celebrate the end of summer break with a guided walk. Registration required; call 716-683-5959. Reinstein Woods Nature Center, Depew.

Woods Walk: Wildflower Aftermath -1pm. What happened to all those glorious wildflowers? Check out the "fruits" that all kinds of animals enjoy in the aftermath of their beauty. No registration required. Reinstein Woods Nature Center, Depew.

Nature at a Snail's Pace-9:00 AM - 11:00 AM at Beaver Island Nature Center. Join a Forest Therapy Guide and awaken your senses, be in the present, slow down and reconnect with nature. The walk will conclude with tea under the trees. (tea not provided). For information and registration call (716) 282-5154.

Field Guides 101- 10:00 AM - 11:30 AM at Whirlpool State Park. Learn how to navigate the natural world with a traditional tool: the field guide! After a short lesson, we will practice using a field guide as we walk along the Niagara Gorge. For information and registration call (716) 282-5154.

Architects of Air-10am to 7pm at The Dart Lawn at Canalside, 50 Main Street, Buffalo, NY, 14202. The luminaria designed by company founder Alan Parkinson are inspired by natural forms, geometric solids, Islamic and Gothic architecture. Each new creation is a maze of winding paths and inspiring domes where the visitors may lose themselves in sensory bliss. Presale \$10, \$12 at door. [Tickets](#).

Sunday, September 4

iNaturalist How-To-9:00 AM - 10:00 AM. Join an online meeting to learn all about the iNaturalist website and app, along with its importance to citizen science. This program is strongly recommended for those attending the Evangola BioBlitz the following weekend! Call (716) 549-1050 or email carly.guido@parks.ny.gov for registration and the meeting link!

Boating and Safety Outreach-11:00 AM - 04:00 PM at Buffalo Harbor State Park. New York State offers an abundance of scenic waterways for boaters (motorboats, personal watercraft, kayaks, canoes and stand up paddleboards) including hundreds of streams, lakes and rivers to enjoy. Embark on an adventure exploring new waters, all while experiencing first-hand New York's incredible natural beauty. Do it safely! Stop by for information and swag. For information call (716) 282-5154 registration is not required.

September Birding at Penn Dixie-Beginner bird watchers and expert ornithologists alike are invited from 10 am – 12 pm for a morning of birding at Penn Dixie! We will explore the park's woods and wetlands and record the species that we find along the way. This program is free and open to the public! Space is limited, registration is required. Register here: <https://penndixie.org/september-birding/>

Architects of Air-10am to 7pm at The Dart Lawn at Canalside, 50 Main Street, Buffalo, NY, 14202. The luminaria designed by company founder Alan Parkinson are inspired by natural forms, geometric solids, Islamic and Gothic architecture. Each new creation is a maze of winding paths and inspiring domes where the visitors may lose themselves in sensory bliss. Presale \$10, \$12 at door. [Tickets.](#)

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, September 5

Slow Roll Labor Day Ride-6:30pm. Eugene V. Debs Hall 483 Peckham, Buffalo, NY.

Our 19th of 27 straight free and inclusive Monday night community bike rides makes an annual tradition of Labor Day at the new Eugene V. Debs Hall, the nonprofit social club in the Broadway-Fillmore neighborhood named after the famed leader of organized labor in America. Join us for a 10-mile roundtrip ride with two stops, returning to Debs Hall for an afterparty with food, drinks, music and fellowship.

Architects of Air-10am to 7pm at The Dart Lawn at Canalside, 50 Main Street, Buffalo, NY, 14202. The luminaria designed by company founder Alan Parkinson are inspired by natural forms, geometric solids, Islamic and Gothic architecture. Each new creation is a maze of winding paths and inspiring domes where the visitors may lose themselves in sensory bliss. Presale \$10, \$12 at door. [Tickets.](#)

Tuesday, September 6

DEC Virtual Meeting on PFAS in Food Packaging- 11:00 am, Eastern Standard Time (New York). DEC will present an overview of the enacted law banning PFAS in food packaging and details on the upcoming implementation of the law. If interested in attending this virtual public meeting, registration is required. Information about the law as well as meeting and registration details are available on [DEC's website.](#)

Purple Martin Migration: Buckhorn Island - 6:00 PM to 8:00 PM. Fall Migration is underway and Purple Martins are flocking to the Niagara River in huge numbers! Join Naturalist Tom Kerr and learn about these amazing birds, their migration that connects the Niagara River to the Amazon Rainforest. Meet at the Woods Creek Kayak Launch Parking Lot. Donations Gratefully Accepted. [Register.](#)

Cooking with Healthy Produce-3pm. A series of free demonstrations of cooking with healthy produce 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. The demonstrations start at 3 p.m. outside on the corner of Michigan and Broadway, Buffalo.

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

Wednesday, September 7

Lunch & Learn: State of Scajaquada-12 to 1pm webinar. Tune in to hear from Buffalo Niagara Waterkeeper Executive Director Jill Jedlicka on the State of Scajaquada. Jill will discuss the history and significance of the Creek, the impairments and challenges it is currently faced with, and the potential a restored Scajaquada would have on our community and future generations. Learn more and register [here](#).

Germany's Hard Choice: How to balance short-term energy needs and long-term security-12 to 1pm webinar. [Register](#).

Emergency Response Planning for Offshore Wind-10am webinar. Elena Caja, with Oceans Winds (OW), and Beate Hildenbrand, with G+, will discuss the types of emergency response plans that are developed for offshore wind, including best practices, implementation, and who is involved in the process of establishing and executing such response plans. Elena is the Director of Health, Safety, Security, and Environmental Quality at OW and Beate is the Head of G+ Americas, a global offshore wind health and safety organization. [Register](#).

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

Thursday, September 8

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.*

Green Drinks-5:30pm at Thin Man Brewery, 492 Elmwood Ave, Buffalo, NY 14222. Network and socialize. [Info](#).

Gobike Learning Workshop- 530--830P, Component specific class: Hubs and headsets. Feel a wobble in your ride? Hubs and headsets are an excellent starter to bicycle mechanics. Learn how a cup and cone isn't just for ice cream! But also how you roll down the road. \$15 for general public, FREE for GObike members. 98 Colvin Avenue, Buffalo, New York 14216. [Register](#).

Friday, September 9

South Towns Gardeners- meet at 9:30 a.m. at the West Seneca Senior Center, 4620 Seneca St., West Seneca. The program will be on bonsai. Guests as well as new members are welcome. For more information, call 716-668-0209.

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

Frederick Law Olmsted Gala- 6pm. Buffalo Olmsted Parks fundraiser. [Info and Tickets](#).

Living Green Festival-5 to 9pm (continues on Saturday and Sunday). This family-friendly festival will include walks and talks, music, dance and grazing by Let's Goat Buffalo as the herd removes invasive plants. [Check out the schedule and food vendors](#). All are welcome. Unitarian Universalist Church, 6320 Main St., Williamsville.

Saturday, September 10

Ticket to Roll: Harvest Roll-10am to 4pm. Join us for our second annual Harvest Roll, as we explore our urban food systems in partnership with Lexington Co-op. Your ticket includes a SQUAD-led either 10 or 25-mile ride highlighting farms and food systems within the City of Buffalo, refreshments, an afterparty of food, drink and fellowship, and a commemorative "Ticket To Roll" t-shirt. [Tickets](#).

8th Annual WNY Refugee Health Summit-9am to 3pm. [Register](#). Jacobs School of Medicine, UB.

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.](#)

Beekeeping Class: Winterizing Hives- \$25.00. Hahn's Honeybee Haven will present an in-depth look at preparing hives for winter. Tara will cover different treatment protocols and means of caring for your colonies in the months leading up to winter, as well as a variety of methods to deal with potential issues before they arise. She'll display various hive configurations so that you're sure to learn what will work best for you in your own bee yard. We'll talk about shims, hive wraps, moisture boards, quilt boxes, and lots more! This is a classroom-style class, so no bee suit is necessary. Please bring lots of questions! Seating is limited, so please register [online](#)! Masterson's Garden Center, Inc., 725 Olean Rd. East Aurora NY 14052.

“Restoring the American Chestnut Tree”- 12:30 pm inside the historic American chestnut cabin at the Pfeiffer Nature Center, 1974 Lillibridge road, Portville. The program is free and open to the public. Join Jeffrey Zarnowski, Greenhouse and Orchard manager for The Chestnut Project as he shares the history and future of the American Chestnut. Pre-registration is appreciated but not required. To register, e-mail naturalist@pfeiffernaturecenter.org or contact the office at 716-933-0187.

Birding at Buffalo Outer Harbor-9:00 AM to 11:00 AM. Fall Migration is underway and Shorebirds are migrating across the Great Lakes! Join Naturalist Tom Kerr on a search for unique birds like plovers and sandpipers as they stop for a break on the shore of Lake Erie and the breakwalls that surround the harbor. Donations Gratefully Accepted. [Register](#) for Birding at Buffalo Outer Harbor.

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

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

The Secrets of Survival: Beaver Meadow Audubon-11:00 AM to 2:00 PM. Join Naturalist Breton Sloan as he takes us on a journey through the natural world. This class is designed to provide real-life practical knowledge aimed at basic wilderness survival. Dress for the elements and be ready to refine your skillset! Ages 16+ - BAS Members \$15 / Non-members \$20. [Register.](#)

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: Botany 101.

Birding for Beginners-7:30 AM - 09:30 AM at Golden Hill State Park. Are you interested in bird watching? Learn the basics of bird identification and how to use a field guide by taking a nice stroll through Golden Hill State Park with a park naturalist. For information and registration call (716) 282-5154.

Evangola State Park BioBlitz- until Sunday, September 11, 2022 08:00 AM - 04:00 PM at Evangola State Park
Welcome to the first-ever Evangola State Park BioBlitz! We need your help to document as many species as possible throughout the 733-acre park. Observations will be added into a community science project through iNaturalist. For more information and registration call 716-549-1050 or email the project coordinator at Carly.Guido@parks.ny.gov.

Harvest Day- Buffalo Niagara Heritage Village from 10am to 4pm. [Info](#).

Full Moon Family Hike-Tifft Nature Preserve. 7:30 PM - 9:00 PM. As summer comes to an end, enjoy a guided evening outdoors in search of wildlife beneath the Full Harvest Moon. No flashlights, please. Age: Ages 5 and up, Cost: \$8 per person, BMS Members save 10%. Advance registration required. Space is limited. [Tickets](#).

Living Green Festival-9am to 10pm (continues on Sunday). This family-friendly festival will include walks and talks, music, dance and grazing by Let's Goat Buffalo as the herd removes invasive plants. [Check out the schedule and food vendors](#). All are welcome. Unitarian Universalist Church, 6320 Main St., Williamsville.

Wild Brews-3 to 7pm at Hawk Creek Wildlife Center. Cheers! Experience the WILD with this one-of-a-kind VIP event. Seasonal beer and wine, food, live music and special animal encounters await you. This exciting evening lets YOU feel like the VIP as you mingle with Hawk Creek's incredible raptors and other animal inhabitants. This fundraiser will be a night you don't want to miss! Event is for guests 21+. RAIN OR SHINE. [TICKETS](#) include a drink ticket, free photo experience with a resident non-native raptor, the opportunity to feed a porcupine, flying bird demos, up-close encounters & a chance to win a raffle.

Sunday, September 11

Evangola State Park BioBlitz- continued from Saturday. 08:00 AM - 04:00 PM at Evangola State Park
Welcome to the first-ever Evangola State Park BioBlitz! We need your help to document as many species as possible throughout the 733-acre park. Observations will be added into a community science project through iNaturalist. For more information and registration call 716-549-1050 or email the project coordinator at Carly.Guido@parks.ny.gov.

Living Green Festival-9am to noon. This family-friendly festival will include walks and talks, music, dance and grazing by Let's Goat Buffalo as the herd removes invasive plants. [Check out the schedule and food vendors](#). All are welcome. Unitarian Universalist Church, 6320 Main St., Williamsville.

Botanical Field Trip to Margery Gallogly Nature Sanctuary-9am, 290 Whitehaven Road, Grand Island.
Parking lot & trailhead at southwest corner of Assumption Cemetery. We will walk a new trail that will take us all the way to the Niagara River. Leader: Mark Hittle 716-297-4557.

Monday, September 12

Slow Roll Buffalo-Be ready to bike at 6:30pm. Tour the Towpath Ride. Tow Path Park Hertel Avenue, Buffalo, NY. Our 20th of 27 straight free and inclusive Monday night community bike rides brings us to a new location for Slow Roll - Tow Path Park at the foot of Hertel Avenue on the Black Rock-Riverside line, a perfect place for our Tour the Towpath theme in partnership with the Erie Canal Museum! Join us for a 10-mile roundtrip ride with two stops, returning to Tow Path Park for an afterparty with food, drinks, music and fellowship. This is an official Canalway Challenge Event. We encourage you to sign up for the Challenge and count your training or race miles on the Canalway Trail toward your Canalway Challenge goal. The program is completely free and available to everyone. Learn more and sign up at www.canalwaychallenge.org. This event is funded in part through the generous support of the NYS Canal Corporation and the Erie Canalway National Heritage Corridor. Location and info at <https://slowrollbuffalo.org/schedule/>

“How to Put Your Garden to Bed...and Wake it Up in the Spring!”- East Aurora Garden Club at noon at Nativity Lutheran Church, 970 East Main St., East Aurora. Will be presented by Lyn Chimera, Master Gardener, author, speaker and member of the [East Aurora Garden Club](#).

Tuesday, September 13

Webinar: How to talk about trees (and how not to)- 12 p.m. Join us for this presentation by Dr. Paul Ries of Insightful Nature LLC. Paul has more than 35 years of experience in urban forestry including as a state urban forestry program manager and professor at Oregon State College, a former president of International Society of Arboriculture (ISA), and a developer of curricula for the Municipal Forestry Institute (MFI). [Register](#) now (free, but required).

The Kenmore Garden Club Meeting- 10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. Robert Poczik will speak on “Theodore Roosevelt and the Environment.” In 1914, Theodore Roosevelt, haunted by political defeat, embarked with his son and several naturalist friends on an ill-fated expedition on a rapids-choked river in a remote, unexplored area deep in the Amazon rainforest. Along the way, Roosevelt and his men faced an unbelievable series of hardships, bringing Roosevelt to the brink of suicide. This is a spellbinding, heart-pounding story you will not want to miss. Photographs taken during the expedition will be shown as slides.

Toddler Tuesday! - Beaver Meadow Audubon Center from 10:00 AM to 11:30 AM. Come out to Beaver Meadow for Toddler Time! We will be having story time in the grass, and we will enjoy a tasty treat to follow! Parents/Guardians must accompany their child throughout the program. BAS Members \$10 / Non-members \$15. [Register](#).

Community Climate Studies - Observing, Modeling, and Mitigating Urban Heat-3 to 4pm webinar, [Link](#)

Little Tykes on the Trail-9:30 AM - 11:00 AM at Tifft 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.

Bugs for Grown-ups-7:00 PM - 8:30 PM at Tifft Nature Preserve. Bug aficionados, from beginner to expert, – join in a live guided bug hunt of the fields, forests, and waters as daylight ends and night begins. We’ll investigate identification, record our findings, and explore the good and bad of our six-legged, eight-legged and no-legged wild neighbors while using scientific collection techniques. A selection of real edible bugs will be available to taste – if you dare! Age: 18+, Cost: \$20 per person, BMS Members save 10%. [Advance registration required](#). Space is limited.

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

"Amazing Backyard Plants"-7:30pm. Niagara Frontier Botanical Society meeting and presentation. Our speaker will be Rochester resident, Jack Kowiak. Jack has given presentations throughout WNY on plants, gardens, and the insects inhabiting them. In 2020 he presented a program to NFBS on backyard insects. For information on joining the Zoom meeting call 716-548-6846.

Are you Sleeping? Predicting Invasion Potential of Non-Native Plants-3pm webinar. We will present a list of priority sleeper species for the Northeast, describe criteria we chose to identify them, and suggest next steps for planning ahead. [Register](#).

Wednesday, September 14

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.

The Buffalo Bonsai Society- 7 p.m. at the Critchen Restaurant, 3377 Clinton St., West Seneca. [Club](#). Guest speaker Bill Valavanis will speak and give a demonstration on the topic of Chinese quince.

Webinar: Bringing Circularity to the Built Environment and Real Estate-11:00 am ET-US. Dr. Duygu Erten, co-founder of the Turkish Green Building Council, shows how bringing circularity principles into the built environment can present financial opportunity for our built assets. [Register](#).

Autumn Amble-6:00 AM - 07:30 AM at Artpark State Park (Earl W. Brydges). Beat the mid-week slump with a walk in the park! Begin your day on a gentle guided journey on a gorge trail with a park naturalist, as we explore where the mighty Niagara Falls began. For information and registration call (716) 282-5154.

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

Behind the Scenes at the Science Museum: Geology Rocks-6:00 PM - 8:00 PM. Holmes! What kind of rock is this? Sedimentary, my dear Watson. Learn why this and other CoRn Y jokes are funny by investigating the Museum's Geology Collection. 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. [Tickets](#).

Family Fish Night- Tifft Nature Preserve. 6:00 PM - 7:30 PM. Join in a sunset fishing experience off the Lake Kirsty fishing pier. Instruction, bait and rods are available for children ages 5-15 to borrow. Age: Ages 5 to 15 with an adult, Cost: \$8 per child with an adult, BMS Members save 10%. [Advance registration required](#). Space is limited.

Thursday, September 15

Webinar: Phenomena Through the Lens of Agriculture Deep Dive - 5:00 pm ET. [On the Farm STEM](#) is a free program designed to equip educators with lessons, activities, online learning tools, and professional development to teach science through the lens of agriculture. This upcoming webinar will introduce one phenomenon for each grade band (elementary, middle school, and high school) that can drive student sensemaking.

Lunch & Learn: Save Scajaquada Now-12 to 1pm webinar. Buffalo Niagara Waterkeeper is celebrating Scajaquada Creek all September long, but the creek needs continual attention until our community vision for a restored Scajaquada can be realized. Want to discover how you can help the creek year-round? Register to join Emily Dyett, Community Engagement Project Coordinator for a virtual Lunch & Learn to find out some easy ways you can make a big difference. Learn more and register [here](#).

Ramping up sustainability in K12 schools-Webinar, 3-4pm. K12 schools are responding with more sustainability curriculum, greenhouse gas emissions and other sustainability inventories, climate action planning, and energy-efficiency measures. Join this discussion with representatives from three schools that have taken different steps toward sustainability and climate change mitigation efforts at their campuses and find out how they got started. [Join us via Zoom](#)

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

2022 World Trade Celebration - 3-7pm at Wurlitzer Events Center, North Tonawanda, NY. Featuring two panel discussions: EVs and the Future of Freight Shipping AND The Future of EVs in Buffalo Niagara. This year's program also includes a real-life EV car show! World Trade Celebration 2022 is sure to open a wide audience's eyes to how vital transportation is to international trade in our region, and Buffalo Niagara's significant role in the future of the industry. Click [here for more details and to register](#).

Circular Economy-4 to 5:30 pm. Maybe you know it by name, maybe you know it in theory, either way SBR is here to help! Join WNY Sustainable Business Roundtable for an educational event focusing on identifying the principles of a circular economy and how it can benefit your business. This event will focus on reducing paper and plastic pollution in the workplace through the use of a circular economy. We will lay the educational foundation to build on during our next month's workshop that will provide implementable strategies through a real world case study and a model Office Supply Purchasing Policy. Join us for this free event! Rich Products, 1 Robert Rich Way, Buffalo, NY 14213.

Friday, September 16

Science After Hours: Get a Clue-6 to 9pm at the Buffalo Science Museum. Tickets \$35 and available at sciencebuff.org. For 21+.

Saturday, September 17

1st Annual Harvest Gleaning Celebration-10am. This event hosted by the Food Policy Council of Buffalo & Erie County will take place at Delavan-Grider Community Center from 11:00am to 2:00pm. Our vision for this celebration is to encourage residents living in areas with low food access to have the opportunity to come to the community center and have access to bags of food, cooking demonstrations, and healthy recipes. Please contact Brandyn Berry at 562-9321 for more information. Delavan-Grider Community Center, 877 E. Delavan Ave. Buffalo, NY 14215

22nd Annual Fall Festival at Reinstein Woods-10am to 4pm. Kick off the fall season by spending a day in the woods. Enjoy crafts for kids, live animals, hands-on activities, food, live music, and more! Call 716-683-5959 or see reinsteinwoods.org for more information. No registration required. Reinstein Woods Nature Center, Depew.

Community work day- 9 a.m. to noon at North Tonawanda Botanical Garden, 1825 Sweeney St., North Tonawanda. Volunteers from the North Tonawanda Botanical Garden will lead community volunteers in various garden projects 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 for more information.

Birding at Beaver Meadow- 9:00 AM to 11:00 AM. Join Naturalist Tom Kerr for a late summer birding hike at Beaver Meadow. Fall Migration is underway and we'll go over confusing fall warblers and look for migrating shorebirds on the pond. If you're a beginner, we'll go over everything you need to know, from how to use your binoculars, which field guide to use, and what apps are the most helpful. Binoculars will be provided. Non-members \$15/BAS Members \$10. [Register](#).

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: Plant Propagation.

DeVeaux Tree Walk-1:00 PM - 03:00 PM at DeVeaux Woods State Park. Take a walk through the park and learn about tree identification and ecology on a Saturday afternoon. Join a park naturalist and learn about the various trees of DeVeaux Woods State Park. For information and registration call (716) 282-5154.

Woodlawn Beach State Park Ornithological Field Trip-Leader - Seaghan Coleman (seaghanc@gmail.com) 716-435-7753. Meet at 730am in the main parking lot. This will be a half day trip wrapping up around 11:30. Wear footwear appropriate for walking through grassy trails and loose sand.

Rock-It-10am to 1pm. Penn Dixie invites rocket enthusiasts and astronomy buffs to join us. Design and build your own rockets with the help of Moog engineers and support from Buffalo Astronomical Association. Guests will learn about rockets and how they work, how different sized model rockets are launched, and learn about the history of space flight. Rocket-it activities are included with admission and FREE for members. No registration needed. All ages welcome.

Sunday, September 18

Secret Places- 11:00 AM - 12:45 PM at Niagara Falls State Park. Learn more about what makes Western New York so special at a talk, followed by a walk, led by the co-authors of "Secret Places of Western New York: 25 Scenic Hikes". For information and registration call (716) 282-5154.

Monday, September 19

Slow Roll at Park Vue Soul Food-6:30pm. Park Vue Soul Food 34 S Crossman St, Buffalo, NY
Our 21st of 27 free and inclusive Monday night community bike rides brings us back to Park Vue Soul Food, the tucked-in gem beside Schiller Park formerly known as Scharf's and now famous for being a favorite of Buffalo Bills players and featured on the Food Network show Restaurant Impossible. Speaking of the Bills - we'll return from the ride to watch the Monday Night game against Tennessee on Park Vue's projector screen! Join us for a 10-mile roundtrip ride with two stops, returning to Park Vue for an afterparty with food, drinks, music and fellowship along with the big game. slowrollbuffalo.org

Tuesday, September 20

Master Gardener Fall Gardening Classes: Invasive Insects in the Garden-1st class in series. CCE East Aurora, 6:30 PM - 8:00 PM. [REGISTER](#), \$15 for one class, Public - \$45 for all 3 classes, Master Gardeners - \$40 for all 3 classes

Habitat for Pollinators - Success, Next Steps, Ready for Winter-12:00 PM - 1:00 PM (EDT), Webinar. Join Stephanie Frischie, Agronomist and Native Plant Materials Specialist with the Xerces Society, for this Women4theLand Conservation Conversation via Zoom. Mid-September can feel like summer or like fall from one day to another. At this learning circle, the panelists will talk about what happened in your pollinator habitat over the summer. They'll also talk about what is blooming this time of year, which pollinators and insects are active, and what will happen to them in a few months when winter sets in. Join them to learn about providing overwintering habitat and some good books to add to winter reading lists. [Click here](#) for more information and to register.

Taking Advantage of Federal Funds: Local Energy Efficiency Policies and Programs to Consider- 2:00 p.m.-3:00 p.m. ET. This ACEEE/SSN webinar will showcase leading energy efficiency programs from across the country that communities can learn from and replicate as they prepare to leverage new federal funding opportunities. [Go online for more information and to register for the webinar.](#)

Solar Panel Recycling & EPR-1:00 PM - 3:30 PM EDT. Hear from the leading experts about the Washington State solar panel EPR law, how the panels are recycled, and recycler certification. [Register.](#)

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

Wednesday, September 21

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

Autumn Amble-6:00 AM - 07:30 AM at Devil's Hole State Park. Beat the mid-week slump with a walk in the park! Begin your day on a gentle guided journey on a gorge trail with a park naturalist, as we explore the Devil's Hole Trail. For information and registration call (716) 282-5154.

Shorebird Stroll-08:00 AM - 10:00 AM at Woodlawn Beach State Park. Take a morning walk along the New York State birding trail as we seek out migratory shorebirds and neotropical songbirds that utilize the diverse habitats in the park as an important stopover site. Our route includes a creek crossing so wear footwear you don't mind getting wet. For information and registration call (716) 549-1050.

Migrating Monarchs & Butterfly Walk-1:00 PM - 03:00 PM at Evangola State Park. Witness the monarch migration and learn about local butterflies while helping with the community science project Monarch Watch. If conditions allow, we will be tagging monarchs for the project. For information and registration call (716) 549-1050.

Climate Conversations: The Grid-4:00 PM – 5:00 PM ET. Join us for a conversation about how to adapt the U.S. electric grid to meet the needs of a decarbonized and electrified country. Sue Tierney (Analysis Group) will moderate a conversation between Bill Ritter, Jr. (Center for the New Energy Economy at CSU) and Lauren Azar (Azar Law LLC) about how to navigate the challenges facing the grid, such that it can continue to provide power and facilitate the new energy economy. Challenges discussed may include: transmission, storage, land use and siting, and interconnections. The conversation will also touch on how the Inflation Reduction Act will impact how the nation responds to these challenges. [Register.](#)

Thursday, September 22

Autumn Equinox Walk-7:30pm. Welcome the fall season on this guided night walk. Registration required; call 716-683-5959. Reinstein Woods Nature Center, Depew.

Gobike Learning Workshop- 530--830P, Component Specific Class: Brakes, Going fast is good fun, but control and stopping are deadly serious. All brake types will be covered in this class where friction is a GOOD thing. Learn the braking system: from levers (and leverage), to cables & housing, calipers, pads, and braking surface all tie together for a reliable ride! \$15 for general public, FREE for GObike members. 98 Colvin Avenue Buffalo, New York 14216. [Register.](#)

Autumn EquiKnox-4:30 PM - 06:00 PM at Knox Farm State Park. Celebrate the official start to autumn with a dog-friendly walk around Knox Farm State Park. For information and registration call (716) 282-5154.

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.*

Twilight at the Museum-8 to 11pm at the Science Museum. Come visit the Buffalo Museum of Science to enjoy twilight talks with astronomers, make observations of celestial objects, and visit the museum roof deck under clouds or stars. All floors of the Museum will be open for you to explore solo, with friends and family, or with that special someone. Age: All ages, Cost: Museum admission, free for members, [Tickets.](#)

"Application of Wastewater Based Epidemiology to Track COVID-19 and Emerging Disease Outbreak"-5 to 9pm. Includes Tour of Buffalo Sewer Authority Bird Island Sewage Treatment Plant. Marco's Italian Restaurant, 1085 Niagara Street, Buffalo, NY 14213. [Register.](#)

Friday, September 23

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

Gala at the Gardens 2022: Planted and Growing-6pm-10pm. The Gala at the Gardens is officially back in person! Join us at the Botanical Gardens to mingle at twilight, bid on exciting auction items, basket raffles, and enjoy a delicious sit-down dinner provided by Salvatore's Hospitality. The Botanical Gardens is planted in rich history, and growing beyond our wildest dreams! Help us celebrate our plans to nourish our existing historic structure and flourish into the future. [Tickets.](#)

Saturday, September 24

Stargazing In Hamburg-8:30 to 10:30pm. 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

Paws in the Park - Paws in the Park is the SPCA's longest-running fundraiser and raises critical funds for caring for the nearly 12,000 animals we see each year. Now more than ever we are asking participants to spread the word and help us raise the necessary funds needed to continue our mission! As a fundraiser, you will not only help our animals but you will be able to earn unique SPCA gear! [Register here!](#)

Doors Open Buffalo- 10am to 4pm, multiple venues in Broadway- Fillmore area. Free with registration. [Information and registration.](#)

Engineering in the Outdoors at Penn Dixie-10am - 1pm, for Engineering in the Outdoors! This event features hands-on activities and simulations centered around engineering. Engineering in the Outdoors is FREE for children (18 & under) and Penn Dixie members, adult tickets are regularly priced. All participants are invited to stay after the event for an afternoon of free fossil hunting!

Beginner Birding: Delaware Park- 9:00 AM to 11:00 AM. Fall Migration is underway and the birds are returning to their winter habitat! Join Audubon Naturalist Tom Kerr for an evening birding hike in Delaware Park's Rumsey Woods. Meet at the Hoyt Lake Steps. [Registration](#) is free. Donations are gratefully accepted.

Forest Bathing and Yoga-8 to 11am. Join our friends from Yogis in Service for a relaxing fall hike at Reinstein Woods followed by a session of outdoor yoga. Bring your own mat. Ticket cost and registration information available at reinsteinwoods.org.

Scajaquada Scavenger Hunt-12 to 2pm. Do you and your friends crush it on trivia night? Put your skills to the test to save Scajaquada Creek! You and your team will visit locations along Scajaquada, racing against other teams to complete activities while exploring the Creek. You might be asked to take a selfie with the Lincoln statue overlooking the Japanese Gardens or go to the mouth of Scajaquada and pick up as much litter as you can in 60 seconds. Your team will have 2 hours to complete as many challenges as possible, with the goal of scoring more points than the other teams. The team with the most points at the end of the Hunt will win a prize pack loaded with gift certificates from local shops, restaurants, and attractions! Additional points and prizes can be earned through fundraising leading up to the Hunt. Don't wait to register – the first 100 registrants will be able to join Buffalo Niagara Waterkeeper at the Post-Hunt Party at Buffalo Cider Hall! Learn more [here](#).

Electrify Buffalo-11am - 3pm. Buffalo Niagara Medical Campus, National Grid, Sierra Club Niagara, NFADA, and many others are teaming up to bring Buffalo and the WNY community an inspiring experiences with all-things electric transportation! At this free event, you'll demo electric vehicles (test drives originating on site), mix and mingle with an array of EV drivers, hear from WNY's elected officials, see charging stations, e-scooters, e-bikes, e-backhoes, and other electric transportation in action! You'll also learn about all the consumer incentives and other green energy resources that are paving the way to our clean energy future. Food Trucks, Raffle prizes, Kid Zone - Bring the Family! 589 Ellicott St. Buffalo, NY 14203. Visit their website to learn more and to [register!](#)

Eighteen Mile Creek County Park Botanical Field Trip-9:30am. Meet at the parking lot on South Creek Road. Directions: Route 62 through downtown Hamburg and past Prospect Lawn Cemetery, turn right (west) on South Creek Road to the park. Call Joanne Schlegel if you wish to attend, 716-835-6042. Guide on site will be Josh Konovitz, who plans to explore the North Creek Road area of the park.

Wildlife Festival- 10am to 5pm. Power Vista, Niagara Falls. The New York Power Authority (NYPA) will host its 33rd annual Wildlife Festival featuring more than 50 exhibitors and vendors, various wildlife shows, archery, fishing pond, shooting trailer, and more. Get hands-on experience in outdoor activities. Exhibitors include the NYS DEC, NYS Parks, area scouts and conservation groups. Learn about conservation and renewable energy and enjoy wildlife shows with The Primate Sanctuary, Nickel City Reptiles and Exotics and Hawk Creek. Sign-up for the Kids Fishing Derby and enjoy a festival scavenger hunt. In addition to the festival activities, guests are invited to enjoy the all-new state-of-the-art exhibits at the Niagara Power Vista. Free admission and free parking!

WNY Young Birders Club- 10am – 12pm at 12288 Tonawanda Creek Rd, Akron, NY 14001 and 12-2pm at Iroquois National Wildlife Refuge. The CW Native Plant Farm is an amazing space to learn about native plants. Using native plants is a great way to create stopover habitat for migrating birds! Other great resources can be found at the National Audubon Society's Plants for Birds online resource.

Sunday, September 25

Wildlife Festival- 10am to 5pm. Power Vista, Niagara Falls. The New York Power Authority (NYPA) will host its 33rd annual Wildlife Festival featuring more than 50 exhibitors and vendors, various wildlife shows, archery, fishing pond, shooting trailer, and more. Get hands-on experience in outdoor activities. Exhibitors include the NYS DEC, NYS Parks, area scouts and conservation groups. Learn about conservation and renewable energy and enjoy wildlife shows with The Primate Sanctuary, Nickel City Reptiles and Exotics and Hawk Creek. Sign-up for the Kids Fishing Derby and enjoy a festival scavenger hunt. In addition to the festival activities, guests are invited to enjoy the all-new state-of-the-art exhibits at the Niagara Power Vista. Free admission and free parking!

Monday, September 26

Waterkeeper Slow Roll Ride-6:30pm. Buffalo History Museum 1 Museum Ct, Buffalo, NY
Our 22nd of 27 straight free and inclusive Monday night community bike rides brings us back to the Buffalo History Museum on the stupidly-separated northwest end of Delaware Park, divided by the disastrous Scajaquada Expressway which also all-but ruined the Scajaquada Creek underneath. Our fourth annual Waterkeeper Ride returns our spotlight on one of the lead stewards of Scajaquada Creek, Buffalo Niagara Waterkeeper, "a nonprofit whose actions protect drinking water, connect people to waterways, and build a thriving water-based economy." Join us for a 10-mile roundtrip ride with two stops along Scajaquada Creek, including neighborhoods Park Meadow, Elmwood Village, Forest and Black Rock along major streets Elmwood, Grant, Forest, Tonawanda and Delaware. We'll return to the History Museum for an afterparty with food, drinks, music and fellowship. [Info.](#)

Tuesday, September 27

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

Wednesday, September 28

Non-native Terrestrial Planarians in the US: Already Widespread, Abundant, and Predatory-11am to noon. The NY Invasive Species Speaker Series webinar will pick back up in Fall 2022 with a presentation by Dr. Peter Ducey, Professor, SUNY Cortland. [View the full 2022 fall schedule here.](#)

Plastics Recycling and the Circular Economy-Noon to 1pm. [Register Here.](#) Recycling and reusing is a cornerstone of sustainability. Plastics are in a transition from the throw away world to an ecosystem where companies avoid waste, keep resources in use as long as possible, and recover and regenerate materials rather than sending them to a landfill. We'll examine what's underway, what's envisioned and the impact to come.

Jumpin' Jehosaphat: It's Jumping Worms-6:30 to 8pm Master Garden Class at CCE East Aurora. [REGISTER](#), \$15 per class, Public: \$45 all classes, Master Gardeners: \$40 all classes.

Autumn Amble-6:00 AM - 07:30 AM at Niagara Falls State Park. Beat the mid-week slump with a walk in the park! Begin your day on a gentle guided journey on a gorge trail with a park naturalist, as we explore the Great Gorge Railway Trail. For information and registration call (716) 282-5154.

Behind the Scenes at the Science Museum: Cabinet of Curiosities- 6 to 8pm. 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](#).

Food Policy Council Meeting-4pm. Please email FPC@erie.gov for virtual meeting information.

West Valley Citizen Task Force-For meeting information please visit the [Meeting Information page](#). Meeting agenda will be posted several weeks before the meeting, please check back. Zoom meeting registration will open in early September.

Thursday, September 29

Bring Back the Pollinators: Providing Nesting Habitat for Bees- 1:00 PM - 2:00 PM ET, Webinar. The availability of nesting habitat is a critical yet often overlooked factor impacting native bee populations. In this webinar, Xerces Biologists, Leif Richardson and Sarah Foltz Jordan, will summarize nesting biology of major groups of bees, including leaf-cutter bees, mining bees, bumble bees, and many more. They will also offer numerous practical approaches to creating and managing nesting habitat features. Approaches are relevant to landscapers, farmers, gardeners, natural resource professionals, and anyone interested in taking the next step in supporting pollinators. Community science opportunities will also be discussed. This webinar will be recorded and available on our YouTube channel. Closed Captioning will be available during this webinar. [Click here](#) for more information and to register.

ACEEE's Self-Scoring Tool: Results from the Community Energy Challenge-1:00 p.m.-2:00 p.m. ET. This ACEEE/SSN webinar will show communities how they can use ACEEE's latest self-scoring tool to measure their energy efficiency and clean energy progress, and highlight results from the most recent cohort of SSN's Community Energy Challenge. [Go online for more information and to register for the webinar](#).

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

Friday, September 30

Grant Writing Forum-1 to 2:15 online informal meeting opportunity where elected officials, community leaders, and grant writers can discuss issues and share best practices to enhance grant success. Join this discussion about developing a community plan and sources of funding to learn about grant opportunities offered by the funder. Explore solutions, and share ideas with other leaders who seek and implement funding opportunities. [Register](#).

Fun Facts with Kelly: Wildflower Edition-2:00 PM - 03:30 PM at Artpark State Park (Earl W. Brydges). As summer winds down and different colors are emerging, take a stroll in search of new flowers blooming along the trail. For information and registration call (716) 282-5154.

Autumn Astronomy: Stars above Sand-8:00 PM - 09:30 PM at Fort Niagara State Park. Take advantage of autumn's longer nights and enjoy an evening on the beach below the stars with a park naturalist. For information and registration call (716) 282-5154.

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

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. This event is not to be missed! 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 for info and directions. Event is rain or shine.

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

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

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.

Tuesday, October 4

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

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.

Public Comment Opportunities:

Erie County Climate Taskforce-[chapters](#) available for public comment. The Consumption & Waste goal statement is ready for review! It will be open for public comment until September 4th.

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:

Apps for the Outdoor Identification- Using technology while enjoying the outdoors may seem inappropriate, but there are many applications that can enhance your enjoyment and appreciation for natural history. A few to get you started include: [Merlin Bird Id](#), [eBird](#), [Seek](#) (which allows you to point your phone's camera at a plant, bug or animal for identification) and [Audubon Bird Guide](#).

Gaming for Wildlife Empathy-There are several options available for mobile games to encourage wildlife empathy and pro-environmental behavior. Targeted attempts are vital in helping bridge the gap between a world revolving around technology and decreasing biodiversity. Learn more about how mobile gaming can engage players to increase wildlife empathy. [Gaming for Good Resource List](#).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Ecosystem Restoration Handbook](#)

[Sustainable Gardening Library Resources](#)

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

[Buffalo B-WELL Videos](#)

<http://growitsaveituseit.com/>

[toolkit to reduce synthetic fertilizer use](#)

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

[Organics Communications Toolkit to Reduce Waste](#)

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

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

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

County/New York State Resources

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

Green Jobs, Internships and Opportunities

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

Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org
www.buffaloaudubon.org
www.buffalogardens.com
www.buffscience.org
www.tifft.org
www.buffalozoo.org
www.penndixie.org
www.yourspca.org

Grant Opportunities/Tools

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

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

www.grantstation.com

www.grantwatch.com

www.grantsalert.com

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Fenton's Produce- www.fentonsproduce.com

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Niagara Malt- www.niagaramalt.com

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

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

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

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

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

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

Root Down- www.therootdownfarm.com

Rust Belt Harvest- <http://rustbeltharvest.org/>
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Utley Acres- <http://utleyacres.com/>
Westside Tilth Farm- <http://westsidetilth.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>
Local Meats- <http://meatsuite.com/>
NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>
WNY Food Hub for Farmers-<https://www.edenvalleygrowers.com/wny-foodhub>
Erie County Grown- www.erie.gov/eriegrown

Local Businesses with Classes and Workshops

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

Local Tourism promoting Sustainability

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

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

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com,
Building materials- www.buffaloreuse.org
Cars- <http://www.donateacar.com/>
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>, <https://www.decluttr.com>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore
Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>,
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club <http://donateglasses.net/search.html> for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)
Furniture-Goodwill, Salvation Army, Amvets and other charities
Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>
Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>
Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>

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

Eco-volunteering with Travel:

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

Education Courses, Resources or Certificates:

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

On Demand Webinars:

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

Miscellaneous tools including videos and websites:

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

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

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

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

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

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

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

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

[Archived EPA Climate Change Info.](#)

www.epa.gov/climate-indicators.

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

[Tool for Sourcing Local Meat](#)

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

[iMATTER Youth Movement to Spark Change](#)

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

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

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

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

[2018 Fuel Economy Guide](#)

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

[NOAA National Marine Sanctuary Webinar series](#)

[NOAA One Science Seminar Series](#)

[Green Restaurant sustainability tool](#)

[Mapping Climate Change.](#)

[Socially Responsible Investing and Banking](#)

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

[Promise of Biomimicry](#)

[Pollinators under Pressure](#)

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

Adirondack Mountain Club-Niagara Frontier Chapter
Meetings 7:30, second Tues. from Sept.-June

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

AIA Buffalo Western NY

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

Air and Waste Management Association

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

Allegany Nature Pilgrimage

<http://allegannaturepilgrimage.com/>

Alliance for the Great Lakes

www.greatlakes.org

American Planning Association-WNY Section/Upstate

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

American Meteorological Society-WNY Chapter

www.facebook.com/amswnychapter

Amherst State Park Arboretum

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

Aquarium of Niagara

www.aquariumofniagara.org

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

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

Daemen University Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	https://www.facebook.com/d2lsBuffalo/
Drave's Arboretum	https://www.facebook.com/dravesarboretum/
Earth Spirit Educational Services	www.earthspiritedu.org
EforAll	https://eforall.org/
Environmental Advocates NY	www.eany.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	https://esd.ny.gov/erie-canal-harbor-development-corporation-0
Erie County Climate Action & Sustainability	http://www2.erie.gov/environment/sustainability
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	https://www.ecfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
500 Women Scientists, Buffalo Chapter	https://500womenscientistsbuffalo.wordpress.com/
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/

Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.finwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Sinking Ponds	https://www.friendssinkingponds.org/
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Research Consortium	https://www.esf.edu/glrc/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
Hope Rising Together	https://tlol.com/
Housing Opportunities Made Equal	https://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/

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

New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	https://parks.ny.gov/
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York Upstate Chapter, Landscape Architects	https://www.nyuasla.org/
New York State Wetlands Forum	http://www.wetlandsforum.org/index.html
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	Niagara Frontier Botanical Society
Niagara Outfitters	https://niagaraoutfitters.com/
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-101363388708865/
Niagara River Greenway Commission	https://www.niagararivergreenway.com/
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/
Our Outer Harbor	http://www.ourouterharbor.org/

Partners for a Livable WNY	https://www.livablewny.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Pelion Garden	https://peliongarden.org
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Pollinator Conservation Association	http://www.pollinatorconservationassociation.org/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	https://www.facebook.com/ThePrimateSanctuary
Providence Farm Collective	http://providencefarmcollective.org/
PUSH Blue	https://www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
Restore our Community Coalition	http://roccbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/
Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Secret Places of WNY	https://www.insiders-outside.com/events
Service Collaborative of WNY	http://www.tscwny.org/

Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	https://www.facebook.com/groups/slowrollbuffalo/
South Buffalo Alive	www.facebook.com/South-Buffalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Tift Nature Preserve	http://www.tift.org/tift/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	www.facebook.com/21stCenturyParkOnTheOuterHarbor/
UB Engineers for a Sustainable World	http://www.eswub.com/
UB Environmental Network	https://www.facebook.com/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.uli.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
US Fish and Wildlife, Lower Great Lakes	https://www.fws.gov/office/lower-great-lakes-fish-and-wildlif
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.org/
Wellness Institute	https://creatinghealthycommunities.org/

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

West Side Ministries (716 Ministries)

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

West Valley Citizen Task Force

www.westvalleyctf.org

Wild Kritters

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

Wild Spirit Education

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

World on your Plate

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