

Enviro-News

October, 2023

Sponsored by Daemen University's Global & Local Sustainability Department

Newsletter Contents:

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

Articles:

Western New York Environmental Alliance Meeting

The annual meeting of the WNY Environmental Alliance will be held on **October 5** from 12:30 to 2:30pm at Tiff Nature Preserve. The meeting of the alliance, an organization with many environmental and community group members, will feature talks, open discussion on alliance business and future, as well as the election of board members. We hope you and/or other representatives of your organization will join us for this in-person Congress. We do expect to have a Zoom option for those who can't attend in person for various reasons. If you need a Zoom link, please let me know (whitneyjohnr@gmail.com, or 716-796-3204). We would also welcome an RSVP so we have a better count for light refreshments and voting purposes. When you respond, please provide: your name, organization, contact phone number and email and who is authorized to vote on behalf of your organization (if you are in the "member" category). For more information about what we've been up to, visit our web page at: www.wnyea.org or Facebook page at: www.facebook.com/wnyea.org.

"Into the Weeds"

Local Regal Cinemas are joining many theaters nationwide to offer a single showing of "Into the Weeds" on **Tuesday October 3** with 7 to 7:30pm start times. Into the Weeds follows the riveting story of groundskeeper Lee Johnson and his fight for justice against agrochemical giant, Monsanto (now Bayer), the manufacturer of Roundup herbicide. For more on the film or showings, visit <https://www.intotheweedsimpact.com/events>.

Honey Harvest Festival

Masterson's Garden Center will host their annual Honey Harvest Festival on **October 7 and 8** from 9am to 3pm at 725 Olean Road, East Aurora, NY, 14052. [Info](#). The whole idea behind our Honey Harvest Festival is to share beekeeping with the community. We hope that everyone attending the festival leaves with a deeper appreciation for these amazing little creatures. If you'd like to learn more about becoming a beekeeper, caring for bees, inviting them to your yard or garden, or just want to talk about honey, there's something for everyone on our schedule. All classes and demonstrations are free. No registration is required, but seating is limited. Classes will be held in our seasonal greenhouses at the end of the parking lot.

Mini-Vet School

Mini-Vet School is a five-week series of lectures by the most accomplished and dynamic veterinarians in Western New York. For two hours each week, they will lead you on a fascinating journey of animal discovery. Each Mini-Vet School lecture is a "course" in a subject covered in veterinary school. Classes run for five weeks on Thursday evenings, **October 5, 2023 to November 2, 2023** from 7-9 pm on the Daemen University campus, 4380 Main Street, Amherst, NY, in Schenck Hall, Room 107. Some classes are interactive so smart phones/i-Pads are suggested. [Info and register](#).

Green Drinks

Join others to network and enjoy conversation with environmental folks at 5:30pm on **Thursday, October 12th** at Banshee's Irish Pub. The event is also listed on the [Green Drinks webpage](#). This will be a celebration with BWELL at their spooky fundraiser with a costume contest and basket raffle so be sure to dress to impress! Please RSVP via [Facebook](#).

Buffalo Audubon Events for October

Buffalo Audubon is hosting "Mystery in the Meadow" from 5 to 8pm on **Friday, October 13**, 5:00PM - 8:00PM at Beaver Meadow Nature Center. Join the Buffalo Audubon at Beaver Meadow Nature Center to solve a mystery. More info and registration available [here](#). On **Saturday October 14**, families can trick or treat from 11am to 9pm at the nature center. Take a hayride from the parking lot to our nature center! Meet magical animal characters, learn about the forest, and collect candy on a trick-or-treat hike. There will be yard games, crafts, a maze in the meadow, educational programs once an hour, meeting educational animals, a basket raffle, and a partial solar eclipse from 12:00PM - 1:15PM, with the Buffalo Astronomical Association. There will also be craft vendors and food available for separate purchase. Registration \$15 [online](#). Volunteers for both events are needed to play characters, act as character handlers, and help run games, parking, concessions, registration, and the basket raffle. The Trick-or-Treat event also needs folks to help with crafts and guiding the magical hikes. Volunteers are needed for Mystery in the Meadow from 4:30PM - 9:00PM. Volunteers are needed in shifts for the Trick-or-Treat event, the first being 10:30AM - 4:30PM and the second 4:00PM - 9:30PM. Folks can sign up to volunteer for either event here: <https://docs.google.com/forms/d/1KUfxlZ1P89W7N5d7XXggRIwW3nUa1KiZ4SNV7asT6d0/edit>

Niagara County Residents: Waste Events Available

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

WNY Sustainable Business Summit: Sustainable Accounting

The 2023 Sustainable Business Summit on **November 14** is where sustainability professionals will connect in a powerful in-person event. We are excited to provide a space to gain critical industry insights on a range of relevant sustainability topics, meet with industry leaders and share insights in smaller groups with facilitated networking discussions. Join us to listen, learn and exchange ideas on sustainability trends and the changes your business faces. Get inspired, more connected and better equipped to make meaningful progress during this decade of action! The event is November 14 from 11am to 5:30pm at Wayland Brewing Company. [Register and info](#).

Buffalo Shredding and Clothing Recycling Drive

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

Household Hazardous Waste Dropoffs

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

Buffalo Audubon Trip to Algonquin Park

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

Ecochallenge for October

This October 1-31st, Ecochallenge is partnering with Project Drawdown for our *new* Drawdown Ecochallenge! Join us as we connect Project Drawdown's Solutions with actions to work towards reversing climate change, together. Registration is open TODAY! And stay tuned – you'll get first access to the exclusive new Drawdown Ecochallenge webinar series if you sign up! [Register](#). Join an existing team or create one with friends to encourage environmentally-friendly actions.

Local NYS Birding Trail Additions

DEC recently announced the [addition of 12 new locations to the NYS Birding Trail](#), bringing the total number of sites statewide to 344. The new additions provide visitors with unique experiences, from large preserves and nature centers with diverse habitats to urban oases steeped in history and teeming with wildlife. The newly added locations in the Greater Niagara are Amherst Veterans Canal Park (Erie County) and 8 sites in Buffalo: Cazenovia Park, Delaware Park, Ralph C. Wilson, Jr. Centennial Park, Ship Canal Commons/Buffalo Lakeside Commerce Park, South Park (Buffalo Botanical Gardens), Unity Island, Broderick Park and Bird Island Pier.

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

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

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

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

Electric School Bus Roadmap Released

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

Guaranteed Ride Home Program Makes Carpooling and Transit Stress-Free

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

DEC Launches New York Harmful Algal Blooms Notification and Reporting System

DEC and the NYS Department of Health have started the 2023 online New York Harmful Algal Bloom System (NYHABS) interactive map. 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](#). Once evaluated by DEC and DOH, reports are posted to the [NYHABS page](#) providing easy access to inform the public about HAB 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. HABs have been monitored closely across New York State since 2012. DEC's Division of Water recently published an analysis of HABs titled: "[Detections of cyanobacteria harmful algal blooms \(cyanoHABs\) in New York State, United States \(2012–2020\)](#)."

American Climate Corps Launched

The White House has announced the launch of an American Climate Corps to provide education and training to more than 20,000 young people that will allow them develop the skills needed to fulfill jobs in the growing sectors associated with a clean energy economy. This is great news for advocates who had been hoping for such a program to be included in the bipartisan infrastructure bill that passed in the last congress. The new program--which will be coordinated across six federal agencies--aims to provide paid workforce training and service opportunities in conservation and restoration, community resilience, clean energy technology, and more. The White House is invited anyone interested in joining or supporting the American Climate Corps to [sign up](#) for more information.

'Clean. Drain. Dry.' Your Watercraft to Protect Waters from Aquatic Invasive Species

DEC reminds boaters to clean, drain, and dry their boats and trailers and disinfect their fishing gear before recreating in New York's waters to prevent the spread of harmful aquatic invasive species (AIS). Watercraft inspection stewards (boat stewards) are deploying across the state to educate and assist the public in cleaning equipment this season to prevent the introduction and spread of non-native plants and animals in New York waterbodies. Visit DEC's website for [more tips on how to clean, drain, and dry](#) watercraft, fishing equipment and for more info about [New York's Watercraft Inspection Steward Program](#).

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

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

NYSAR³ Annual Conference & Trade Show

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

The 2023 IBirdNY Challenge is Back

The [2023 IBIRDNY Challenge](#) is back and better than ever! Birders of all ages and abilities are encouraged to see or hear and record any 10 bird species of their choosing, with opportunities for both youth and adult participants to win great birding prizes. New this year, the challenge will run from March 1–November 1, observation logs may be submitted via an online form, and all participants will receive a commemorative challenge patch! For more information, including ideas on species to observe and places to go, visit the [I Bird NY webpage](#).

PFAS: What Are They and Where Do They Come From?

PFAS (per- and polyfluoroalkyl substances) have made headlines this year, but not everyone understands the acronym and impact of these chemicals. PFAS are a group of chemicals which persist in the environment and have been detected in blood samples from most people tested. They are used in many manufacturing processes and have health implications for humans and wildlife. For a good primer to get you up to speed, visit <https://earth911.com/business-policy/pfas-contaminant-explainer>.

Say No to All Disposable Straws

Plastic straws have been avoided as contributors to our microplastics problem and for harming wildlife. “Eco-friendly” paper drinking straws have their problems too. A new study found that many contain synthetic chemicals known as poly- and perfluoroalkyl substances (PFAS). PFAS were found in the majority of the straws tested and were most common in those made from paper and bamboo as reported by the study published in [Food Additives and Contaminants](#).

Help Wheels for Workers Provide Transport for Re-settling Families

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

Have an Apiary?

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

Erie Community County Climate Action Plan and Volunteer Opportunities

Erie County Climate Action has completed their community climate action plan! Working groups, consisting of County staff and community stakeholders have been developing goals, strategies, and action items to help mitigate climate change effects in the WNY area. The full draft of the county plan is [here](#). If you want to get involved, consider joining the [Ambassador Program](#). Ambassadors play a vital role in bridging the gap between local government and community members. Check out <https://www3.erie.gov/climateaction/> for more info on Erie County’s climate efforts and ways to be involved.

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

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

Heat Pumps: The Basics

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

Environmental Concerns? File a report to the DEC and/or U.S. Attorney's Office

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

Western New York Young Birder Club

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

DEC State Lands Kiosk Survey: Earn Prizes

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

Tick App: Info for you, Data for Science

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

Municipal Training Resources from LEWPA

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

Clean Energy Communities Program for Towns

Is your WNY town a member of the Clean Energy Communities Program? Check out the map [here](#) to see towns that are in the program and the actions that they have taken to save energy and often costs for their town. If your town isn't one of them, ask your elected official why they haven't made a commitment to cleaner energy.

Farmland Protection Grants Available

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

A New Exotic Pest in NY: The Elm Zigzag Sawfly

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

DEC and Partners Team Up to Knock Out Invasive Species

In early June, DEC partnered with staff from the [Western New York Partnership for Regional Invasive Species Management](#) (WNY PRISM) to control invasive shrubs as part of a reforestation project on [Tonawanda Wildlife Management Area](#) in Genesee and Niagara Counties. Invasive shrubs were treated with herbicide throughout 15-acres of old fields to reduce competition with native trees and shrubs. These small fields have been mowed for decades to keep them open but now we plan to return them to forest to reduce habitat fragmentation and increase [young forest](#). An abundance of desirable native trees and shrubs are already establishing naturally in many areas and several hundred seedlings were also planted this spring. This was part of the WNY PRISM's Crew Assistance Program that works with partners on invasive species management projects.

Make Cigarette Butts Part of Your Cleanups

Littered cigarette butts: besides ugly to look at, they are hazardous to our kids, pets, wildlife and gardens. When left in the environment, littered cigarette butts [leach toxic chemicals](#), such as arsenic (used to kill rats) and lead, that may be carried as runoff to drains and end up polluting our rivers and lakes right here in Western New York. Because cigarette butts are primarily made of plastic filters that don't biodegrade, the butts that aren't eaten by wildlife simply pile up on shorelines or at the bottom of bodies of water. To find out how you can get involved, visit <http://tobaccofreewny.com/>.

Reuse Action in Action: Source for Reusable Materials

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

Guide to Reduce Food Scrap Bin Contamination

Food scrap bins that get contaminated with things like gloves, hairnets, plastic cups, and fruit stickers can derail an otherwise successful collection program. This new troubleshooting toolkit is designed to help you identify where and why contamination is happening, and—most importantly—find practical solutions to fix the problem. [The Food Scrap Contamination Guide](#) explains why bin contamination is a problem and offers simple-but-effective ways to solve it. Less bin contamination is better for your budget and the environment—it's a win-win for your business and your customers.

Resources for Buying an Electric Vehicle and Charger

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

EV Charging Funding Assistance

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

Winter Wildlife Excursion to Yellowstone National Park

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

New York Great Lakes Shore Viewer

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

Purina Recycles Challenge: Pet Owners Do Your Part

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

Updated Great Lakes Action Agenda

DEC [has released an updated New York's Great Lakes Action Agenda](#) (GLAA) 2023, a strategic, ecosystem-based action plan to guide restoration and conservation and foster sustainable, resilient communities in New York's Great Lakes region. The GLAA advances efforts to safeguard water quality, improve habitats for fish and wildlife, manage invasive species, promote sustainability, and enhance community resilience to climate change. The region spans more than 40 percent of New York State's land area and includes Lake Erie, the Niagara River, Lake Ontario, the St. Lawrence River, and contributing watersheds. The release of the updated GLAA coincides with the development of the fourth federal action plan for the [Great Lakes Restoration Initiative](#) (GLRI), which will guide federal restoration and protection investments in the region through 2029. Since 2010, nearly \$270 million in GLRI funding has been secured for Great Lakes projects in New York State.

Think Twice About What You Flush?

We often forget where flushed materials end up. Wet wipes and other materials may pass down your toilet, but they can clog our sewers and treatment facilities. For a quick review of the various wastewater treatments, read [more](#).

Managing New York Forests for Birds

The Audubon Society has a free, [downloadable guide](#) for landowners to provide guidance in improving habitat for birds. The guide identifies priority habitat and the importance of limiting habitat fragmentation for maintaining bird species. Share the guide with anyone that has forested land.

Grants for Youth Field Trips

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

Clothing Recycling in Schools

Project Green Schools is excited to partner with [Planet Aid](#) in order to help schools and communities work together with a unified goal of recycling 25,000 lbs of clothing and shoes. Both Planet Aid and Project Green Schools will support you with everything that you need to organize and promote your drive. [Click to register](#) to host a drive this summer or fall. Clothing drives are open to U.S. based schools and organizations that fall within Planet Aid's region.

Help Prevent Wasted Food

EPA's [Preventing Wasted Food in Your Community: A Social Marketing Toolkit](#) is now available! The toolkit is a resource for states, territories, local governments, Tribes, and nongovernmental organizations who want to start behavior change campaigns to help prevent food waste in their communities. The toolkit includes a planning process that uses social marketing principles to ensure communities are tailoring the campaigns to their communities' needs. The toolkit is accompanied by food waste prevention campaign materials created by municipalities and organizations that are available for use and customization by any community.

Ultrasound Technique May Help Eliminate PFAS from Groundwater.

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

Updated Excess Food Opportunities Map

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

Seeking a Career in the Clean Energy Field?

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

Help Track Spotted Lanternfly

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

Online Tool to View Earth's Changes

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

Online Environmental Education Course

We invite you to join our 4-week, online course, [E-STEM Education](#), starting October 23! Please share the link with your colleagues, friends, students, and anyone else. The course runs from October 23 through November 19. This 4-week online course earns a Cornell University certificate for educators, students and community leaders. E-STEM Education is designed for school teachers, informal educators, volunteers, and education leaders who want to help youth become scientifically literate environmental citizens and activists. Course participants will learn how to integrate environmental education into STEM classes such as biology, art, and earth science, and how to make science part of nature and environmental education programs that foster stewardship and action. You will also learn about inquiry-based and project-based learning, and other effective active learning strategies, and apply what you learn to develop your own E-STEM activity or lesson plan. Participants who complete the course are awarded a Cornell University certificate (PDF). Cost is \$70 (strongly encouraged because we depend on your payment). We accept participants who are only able to pay less or who are not able to pay. [Register](#).

Project Green Challenge

Project Green Challenge (PGC) informs, inspires and mobilizes high school, college, and graduate students worldwide around climate action, public health, social justice and advocacy. The 13th annual global initiative starts October 1st — and students can [sign up](#) today! This powerful and diverse call to action features 30 days of environmentally-themed challenges that change lives, shift mindsets, and equip students with knowledge, resources and mentorship to lead change on campuses and in communities. [Register.](#)

Youth as Solutions

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

[APPLY NOW!](#)

High School Students Share Your Climate Concerns

High school students in grades 9-12 are invited to join students from around the world to participate in a survey project. The Environmental and Climate Change Literacy Projects (ECCLPs) want to understand what students know and care about when it comes to climate change to help classroom educators. [Take the Survey](#) before October 15th!

Recycle Candy Wrappers

National Wildlife Federation and Rubicon are partnering to help your holiday-related recycling. By participating in Trash or Treasure™, you don't have to trash those candy wrappers and doom them to an eternity in a landfill—or, even worse, in our oceans. Using one of our custom candy wrapper recycling boxes, you can help keep our planet clean and contribute to the circular economy. This year's Trash or Treasure™ program will run throughout the year with special campaigns around Halloween, Valentine's Day, and other seasonal festivities in 2024. Join us in turning these “sweet” holidays into more sustainable celebrations! [More info and sign up.](#)

Conservation in the Classroom Series: Climate Change

WWF's October 12th Conservation in the Classroom session centers around the impacts of climate change and how we can all be part of the solution. Students will have the opportunity to hear from Stephanie Roe, WWF's lead climate and energy scientist, on how climate change impacts humans and nature and how we can make a difference. The webinar is suggested for grades 4-8 and will be 1:30pm. **To learn more and register, please visit [WWF's Conservation in the Classroom.](#)**

Teacher's and Home-Schooling Resources

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Our Beautiful Planet](#) is a series of compelling 5-7 minute science films highlighting the cutting-edge research that climate scientists are doing to solve some of the world's most pressing issues. Each video has an accompanying lesson that provides opportunities for students to make sense of the climate change phenomena presented in the videos. In addition each film comes with a community outreach guide offering ideas for hands on involvement.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Additional resources](#)

Contests, Fellowships and Awards

[2023-2024 Samsung Solve for Tomorrow Contest](#)- Public school teachers in grades 6-12 can apply now to submit their students' projects, for a chance at winning their school \$100,000 in Samsung tech products and classroom materials. Deadline to apply: **Oct. 27**.

[Switch International Energy Case Competition](#)-Mark your calendars and round up your teams because team, mentor, and judge registration begins September 1! Know or are a faculty member interested in incorporating the competition into your course? Download our [Faculty Guide](#). Deadline: **October 29**.

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

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

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

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

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

Grant and Scholarship Opportunities

[Sigma Xi's Grants in Aid of Research \(GIAR\)](#) -Graduate student members are eligible for grants up to \$5,000 and undergraduate students are eligible for grants up to \$2,000. Non-members are still invited to apply and qualify for grants up to \$1,000. Deadline: **October 1, 2023**.

[VELA Education Fund Micro Grants](#)- provide \$2,500 or \$10,000 to everyday entrepreneurs—students, parents, educators, and community leaders—who are building unconventional learning ecosystems within their communities. Deadline: **October 6, 2023**.

[Regenerate NY Grant for landowners](#)- If you own five or more acres of forestland or land suitable for establishing forest, you may be eligible for a cost-share grant program that aims to help private landowners promote forest regeneration on their land. Projects must be created with the help of a forester or natural resource professional. Deadline: **October 6**.

[Technical Assistance Grants](#)- available to eligible NYS nonprofits and municipalities for planning studies or analyses of New York State's historic resources that serve an arts and/or cultural function. TAG funds consulting reports only, completed by architects, engineers and/or other design and preservation professionals. These grants do not fund capital construction costs, architectural plans and specifications, schematic designs, or construction documents. Pre-Application deadline: **Monday, October 9; Grant application deadline: Friday, October 20**

[Community Forest Grant Program](#)-funds municipal land acquisition for community forests, which are vital for wildlife habitat, flood mitigation, recreational opportunities, mental health, air quality, water quality, and to meet the obligations outlined in New York's Climate Leadership and Community Protection Act. Properties acquired through this grant program allow public access, which encourages local residents to enjoy the forests in their community and increase their connection to forest benefits. Deadline: **October 11**.

[\\$14 billion National Clean Investment Fund](#) will provide grants to support two-to-three national clean financing institutions, enabling them to partner with the private sector to provide accessible, affordable financing for tens of thousands of clean technology projects nationwide. Deadline: **October 12**.

[\\$6 billion Clean Communities Investment Accelerator](#) will provide grants to support up to seven hub nonprofit organizations, enabling them to provide funding and technical assistance to public, quasi-public, not-for-profit, and nonprofit community leaders working in communities with environmental justice concerns—supporting the goal that every community in the country has access to the resources they need to fund clean technology projects. Deadline: **October 12**.

[Charles Kirkland Scholarship 2023 For Student Entrepreneurs](#)- \$1,000 scholarship award. This scholarship is open to college students in the United States who are pursuing entrepreneurship. Deadline: **October 15th**.

[Fisheries Electronic Technology](#)-The National Fish and Wildlife Foundation (NFWF) will award grants that catalyze the voluntary implementation of electronic technologies (ET) for fisheries catch, effort, and/or compliance monitoring, and improvements to fishery information systems in U.S. fisheries. Deadline: **October 16**.

[Pilot Program for Water Resources Projects for Small or Disadvantaged Communities](#)-The U.S. Army Corps of Engineers is launching a pilot program to fully fund small water resources projects for economically disadvantaged communities. Deadline: **October 20, 2023**.

[Forest Restoration](#)-USDA-FS-GLRI-FR23, The U.S. Forest Service will support projects in the Great Lakes basin that mitigate forest insect and disease impacts, implement targeted reforestation and forest protection actions to minimize invasive forest insect and disease impacts on watersheds, reduce runoff from degraded Sites through green infrastructure, capture or treat stormwater runoff by planting trees and other vegetation in green infrastructure, restore and connect coastal and riparian forest habitats, or protect, restore, and enhance high-quality coastal zone and connecting riparian ecosystems where trees are an important component. Deadline: **October 23**.

[USDA Weed Management](#)-USDA-FS-GLRI-CWMA23. The goal of this program is to detect, prevent, eradicate, and/or control invasive plant species to promote ecological resiliency, watershed stability, and biological diversity on Federal, State, other public or private lands in the Great Lakes Basin. Deadline: **October 23**.

[Community Food Projects](#) is a competitive grants program that is administered by the U.S. Department of Agriculture's National Institute of Food and Agriculture. Grants are intended to help eligible nonprofits, tribal organizations, and food program service providers in need of a one-time infusion of federal assistance for projects that promote self-sufficiency and food security in low-income communities; \$4,800,000 is available. Deadline: **Monday, October 30, 2023**.

[USDA Conservation Innovation Grants](#)-This year's funding priorities are forestry, habitat conservation and restoration for wildlife and invertebrates, managing agricultural lands to improve local water quality, energy conservation, economics, and strengthening conservation through indigenous knowledge. Strong consideration will be given to proposals that include historically underserved entities and individuals. Deadline: **October 30**.

[On-Farm Trial Grants for USDA Conservation Innovation](#)- to stimulate the adoption and evaluation of innovative conservation approaches in partnership with agricultural producers. Applications will be accepted for projects addressing at least one of the following priorities: irrigation management technologies; feed management and enteric methane reduction; grazing lands; nutrient management; and soil health demonstration trials. Deadline: **October 30**.

[Grants for Municipal Recycling Coordination and Education Projects](#)-NYSDEC is authorized to provide State assistance for Recycling Coordinator salaries and for public education programs conducted by municipalities. This funding helps expand local recycling programs and increase participation. Deadline: **October 31**.

[Community Action Fund](#)- support efforts that include community organizing, amplification of community voices, and utilize a wide variety of tactics imperative to shifting the political and financial systems that are impacting our communities. Areas of emphasis may include: climate justice and racial equity efforts, challenging the extractive industry, accelerating the just energy transition in Indigenous communities, healing justice work within the movement, and training the next generation of community organizers. Deadline: **October 31**.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Global Youth Mobilization Grant](#)-Do you have an idea for a solution to overcome a community challenge created by the COVID-19 pandemic? Any young person between the ages of 14 – 30 can apply for funding from \$500 –\$5,000. Deadline: **Rolling.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Employment and Internship Opportunities

[Conservation Education Program Coordinator](#), Genesee County Human Resources

[Nature-Based Learning Educator](#), Rochester Ecology Partners

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

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

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

[Lead Executive Director: Cornell Cooperative Extension of Wyoming County](#)

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

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

[Executive Director: Buffalo Olmsted Parks Conservancy](#)- Deadline: Until filled.

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

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

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

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

[Animal Care: Erie County SPCA](#)- Part-time, seasonal

[Education Specialist: Erie County SPCA](#)

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

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

[Lead Preservationist](#)- Preservation Buffalo Niagara. Open until filled.

[Environmental Scientist/Wetland Scientist](#)

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

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

[WNY Wildway Director: WNY Land Conservancy](#). Open until filled.

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

[Pollution Prevention Engineer](#)-Golisano Institute for Sustainability, CIMS Pollution Prevention Institute.

[Senior Pollution Prevention Engineer](#)- Golisano Institute for Sustainability, CIMS Pollution Prevention Institute.

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

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

[Paid Internships in the Energy Sector in NY](#)- you will gain hands-on experience in the growing clean energy sector as either a part-time or full-time paid intern in one of many potential roles.

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

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

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

[EquiStar Intern](#) will assist both the Program Coordinator and Barn Manager in providing a therapeutic riding program during the summer sessions.

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

Citizen Science

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

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

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

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

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

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

[Caterpillars Count](#)

[Bumblebee Watch](#)

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

[Other Citizen Science Programs](#)

Upcoming Community Activities:

Sunday, October 1

Discover the Dunes- 10:00 AM - 11:00 AM at [Woodlawn Beach State Park](#). Discover what makes Woodlawn Beach State Park special! Enjoy a guided walk down to the beach to see what plants, animals, and other features make this landscape so unique. Registration required on [Eventbrite.com](#).

Tails on Trails-11:00 AM - 01:00 PM at [Niagara Falls State Park](#). Bring your furry friend on a casual walk along the Gorgeview paths, exploring what makes the Niagara Gorge so unique and beautiful! All dogs must be up to date on immunizations, be on a 6' leash, and under control. Registration required on [Eventbrite.com](#).

Biochar demonstration in Eden-11:30 am to 4pm at Henry's Gardens 7884 Sisson Hwy., Eden. The Biochar Coalition will hold "A Carbon Experience". Find out about the applications and uses of biochar: helping soil nutrients and filtration, storing carbon in the soil for eons, processing plants and animals, and more. There will be a demonstration of pyrolysis, the process used to create biochar. The presenters will be John Maher of Lake View, a board member with the Biochar Coalition.

Eternal Flame Falls Hike- 10am at Chestnut Ridge Park, [Chestnut Ridge - Eternal Flame Parking Lot](#)
Come Join Ranger Roy and hike the world-renowned Eternal Flame Trail at Chestnut Ridge Park. This will be a fun-filled educational hike that will have you home in time for Kickoff! Approximately 1-mile hike. [Register for Eternal Flame Falls Hike ~ Chestnut Ridge Park ~](#)

Monday, October 2

Redline Slow Roll Bike Ride- Broadway Market 999 Broadway, Buffalo. Meet at 5:30pm, roll at 6:00pm on a 10-mile roundtrip ride with two stops to regroup and learn about different parts of Buffalo, guided by Slow Roll's SQUAD of volunteers and accommodating all skill levels. Minors under 18 must be accompanied by a parent/guardian. Our many other generous community partners help to keep Slow Roll Buffalo free and inclusive to all; a one-time [annual registration is required](#) either online or onsite before the ride.

Fall is For Gardening- Free senior class at 1pm at West Seneca Sr. Center, 4620 Seneca Street West Seneca, NY 14224. Call 716-675-9288 to register.

The Ice Boom ... Does it Make Our Winters Longer or Seem Longer?- 1pm at City of Tonawanda Public Library, 333 Main Street, City of Tonawanda, NY 14150. Call 716-693-5043 to register.

Tuesday, October 3

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

"Into the Weeds" Film Screening- local Regal Cinemas with 7 to 7:30pm start times. Into the Weeds follows the riveting story of groundskeeper Lee Johnson and his fight for justice against agrochemical giant, Monsanto (now Bayer), the manufacturer of Roundup herbicide. In 2015, the International Agency for Research on Cancer (IARC), a branch of the World Health Organization, classified glyphosate - the active ingredient in Roundup - as "probably carcinogenic to humans." Featuring findings and expert testimony from scientists, doctors, policy makers, farmers, environmentalists, food safety advocates and concerned celebrities, audiences will leave the screening both informed and inspired to take action at home, at work and in their communities.

Rethink Food Waste NY Workshop- Designed for compost site operators. 7:30 AM – 4:30 PM
Morning classroom portion: Location to be shared upon registration, Afternoon field portion: Buffalo River Compost. [Register.](#)

Endocrine Disruptors in Plastics: State Policy Options (LWVNYS)- 7 to 8pm via zoom. Join the League of Women Voters of New York State, Beyond Plastics, and Bedford 2030 for a conversation about endocrine disruptors. [Register.](#)

Wednesday, October 4

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

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

Trees are Terrific-10:00 AM - 11:30 AM at [Evangola State Park](#). Fall is finally here! The air is crisp and cool, and leaves are starting to change color. Enjoy a guided walk through the park to observe the fall foliage. Registration required on [Eventbrite.com](#). *Registration:* Required

How Corporate Directors and Banks Respond to Climate Change-12pm webinar. [Register.](#)

Olmsted Community Alliance Public Meetings - Riverside Park, 6pm-7:30pm | 52 Amherst St, Buffalo, NY 14207. [Learn more and RSVP](#)

Niagara County 4-H Open House-5:00 PM - 7:00 PM. Interested in joining 4-H or learning more about it? Please join us for this free event in the 4-H Training Center. Our new 4-H year begins October 1, 2023 and runs to September 30, 2024. No RSVP necessary. CCE Niagara County, 4487 Lake Avenue, Lockport, 14094.

NY Renews Fall 2023 Kick-off Zoom Briefing- 6 to 7pm, Continuing our Momentum: The Climate, Jobs, and Justice Package, [click here to register.](#)

Forest Management and Birds: Habitat Management Planning and Assessment- 8 to 9am webinar. [Register.](#)

Wildfire Risk Reduction, Carbon Dioxide Removal, and Biochar: The Challenges of Scaling Up-webinar from 11am to 2:30pm. [Register.](#)

Workshop Opportunity: Engaging Youth Through Climate Storytelling- 5 to 7pm. What are climate stories? How can they be useful tools for teaching about climate change? Explore these questions and more in a two hour interactive workshop, "Engaging Youth Through Climate Storytelling." The workshop will begin with an introduction to climate storytelling: what it is and why it matters, before grounding it within the classroom experience. Participants will then transition into a reflective writing exercise meant to get them started thinking about their climate story and you will walk away with some practical resources and next steps for bringing climate storytelling to their students. [Register.](#)

"Wild Hope" Screening- 5:30 to 7:30pm, partnership with Canisius University and Buffalo Toronto Public Media for a screening and discussion of "Wild Hope" in the Science Hall at Canisius University. "Wild Hope" is a new series of 30-minute short films highlighting the intrepid changemakers who are working to restore and protect our planet. During the event, we will screen the episode "Salamander of the Gods" followed by a panel discussion and audience Q&A facilitated by Canisius University ABEC faculty and students. There will be giveaways and random drawings for prizes, too. You need to be present to win! [Reserve your seat](#)

Thursday, October 5

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.*

Western New York Environmental Alliance Meeting- 12:30 to 2:30pm at Tiff Nature Preserve. Members / Supporters and Associates of environmental groups. We hope you and/or other representatives of your organization will join us for our in-person Congress 2023. We do expect to have a Zoom option for those who can't attend in person for various reasons. If you think you'll need a Zoom link OR to RSVP, please let me know (whitneyjohnr@gmail.com, or 716-796-3204). We would also welcome an RSVP so we have a better count for light refreshments and voting purposes. For more information about what we've been up to, visit our web page at: www.wnyea.org or Facebook page at: www.facebook.com/wnyea.org.

Intro to Fermentation Workshop at Binksberry Hollow- 6 to 8pm, In this workshop participants will learn the basics of fermentation for home food preservation. Participants will learn how to make sauerkraut and kimchi. This workshop will be led by a trained CCE Master Food Preserver and will be a combination of a presentation and hands-on group learning experiences. Participants will take samples home and enjoy a snack prepared by Chef Binks. All course materials are included in the workshop fee of \$50.00 per person. Registration is required and limited. This workshop is designed for adults age 18+. No pets or children allowed. \$50. [Register](#).

Lessons from Florida: Invasive Species Prevention and Management Prioritization- 12 to 1pm. [Register](#)
Invasive species are one of the largest and growing threats to biodiversity, ecosystem health, and economies of Pennsylvania and surrounding states. In this webinar, Dr. Deah Lieurance, assistant professor of Invasive Species Biology and Extension Specialist at Penn State, will share her experience working on the prevention and management prioritization of invasive species in Florida and how she can apply these lessons about invasive species issues to other natural and agriculture areas.

Friday, October 6

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

Honey Bee Lunch and Learn-12 to 1:30pm. Join apiary inspectors to learn what they are seeing in the field. [Register](#).

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

Chestnut Ridge Conservancy Party for the Park-Join us in celebrating the splendor of Fall in Chestnut Ridge Park at the Park Casino! 6-9pm. Featuring the Boys of Summer live music, dance, wines, craft beers & lots of hors d'oeuvres. **Only \$50.00 per person in advance or \$65 at the door.** [Individual Tickets](#)

Saturday, October 7

1st Saturdays Volunteering Pelion Outdoor Classroom-10am to noon at City Honors School. [Info](#).

First Saturday Stream Explorers-9am to 11am. Hosted by Cub Scout Pack 591 and WNY Trout Unlimited, this free monthly family-friendly program will explore fishing, stream ecology and conservation. St. John Paul II Church, 2052 Lakeview Rd., Lake View. Some sessions are indoors, but some will include outdoor activities. To register or find info, email outreach@wnytroutunlimited.org. Calendar at <https://wnytu.blogspot.com/p/event-calendar.html>

Buffalo Astronomical Association Public Night Viewing- 8:45pm to midnight at Beaver Meadow Audubon Center in North Java. Observatory open rain or shine.

A Stroll Along the Gorge-10:00 AM - 11:30 AM at [Artpark State Park \(Earl W. Brydges\)](#). As summer ends and fall begins, traverse the trail along the gorge in Artpark in search of indicators of the changing seasons! Registration required on [Eventbrite.com](#). *Registration: Required.*

Deer Here, Deer There!-10:30am. Enjoy a stroll around the woods while learning about (and hopefully seeing) the white-tailed deer that live here. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Fall Gardening-On-site at the Botanical Gardens in the Administration Building from 10:30 to 11:30am. \$25 per Person, \$22.50 per Member. [Pre-registration required](#) - *Registration Closes October 4*

Honey Harvest Festival- 9am to 3pm. Masterson's Garden Center, Inc. 725 Olean Road. East Aurora, NY, 14052. [Info](#). The whole idea behind our Honey Harvest Festival is to share beekeeping with the community. We hope that everyone attending the festival leaves with a deeper appreciation for these amazing little creatures. If you'd like to learn more about becoming a beekeeper, caring for bees, inviting them to your yard or garden, or just want to talk about honey, there's something for everyone on our schedule. All classes and demonstrations are free. No registration is required, but seating is limited. Classes will be held in our seasonal greenhouses at the end of the parking lot.

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

Hive Winterization Beekeeping Course-1 to 3pm at Buffalo Niagara Heritage Village, 3755 Tonawanda Creek Rd., Amherst. COST: \$20 BNHV MEMBERS \$25 NON-MEMBERS. With fall in full swing, you have hopefully already begun thinking about preparing your bees for the upcoming winter. Join our beekeepers here at the Village as they discuss in detail how to evaluate and deal with pests and disease, poor or failing queens, winter stores and feeding. This course is open to both beginner and advanced beekeepers, for there is always something new to learn. [Info and register](#).

Whiskey Plank Celebration-Noon at Longshed at Canalside - 44 Prime Street, Buffalo, NY 14202. The "whiskey plank" is the final plank required to complete the outer shell of a wooden hull and is considered to be a major milestone in the construction of a wooden boat. The event will feature a traditional whiskey toast to the *Seneca Chief* and the Erie Canal, free beer tasting from Big Ditch, Erie Canal Music, as well as speeches from local and state officials, members of the build team, and representatives from the Buffalo Maritime Center.

Autumn Sunrise Hike-Tiff Nature Preserve from 7 - 8:30 a.m. Greet the morning sun as it rises over the marsh and warms the Earth on an invigorating guided trail hike. Afterwards, enjoy hot tea or cider and good conversations beneath the willow tree by the Education Center. \$9, 18+. [Register](#).

Behind-The-Scenes Collections Tours: Cabinet of Curiosities- 11:00 AM - 12:30 PM at Buffalo Science Museum. Take a peek into the Vertebrate Zoology Collection's spine-tingling Cabinet of Curiosities to explore the mind-bending stories of some of nature's unique freaks, morbid mistakes, and seemingly scientific impossibilities! 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! \$30 per participant*, Ages 18+, [Purchase Tickets](#).

Spooky Safari-Both Saturday and Sunday, but tickets can only be used one day. Hawk Creek Wildlife Center Address: 1963 Mill Rd., West Falls, NY 14170 from 11am to 3pm. 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. 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.

Planting Event Set for Hyde Park-9:30 am - 12:30 pm at Hyde Park, Niagara Falls. Volunteers are sought for this event, and those interested must register for the event. The plan is to install “rock-socks” along the waterway. These items contain plants that help us in our living shoreline restoration work and will keep Hyde Park Lake healthy and stable. Rock-socks are a novel wetland planting technique developed during the Buffalo River restoration. It involves filling biodegradable burlap bags with a special planting substrate and planting them with wetland plugs in a nursery setting. These plants are left to grow in the nursery for several weeks, developing dense root systems, before they are installed in shallow water areas at restoration sites. These supplies will be provided by BN Waterkeeper, but if you have your own pair of waders, feel free to bring them. Volunteers should be able to bend and walk on uneven surfaces and should be prepared to get a little wet during the day’s activities. The Rock Socks weigh between 35 and 50lbs, and we are anticipating each volunteer will be able to move between 15 and 20 rock socks during this volunteer event. Volunteers can park at 3200 Pine Ave. Niagara Falls NY, 14301. If you have any difficulties with the registration, please reach out to Brittni Anderson (banderson@bnwaterkeeper.org). [Register Here](#)

Sunday, October 8

Spooky Safari-Both Saturday and Sunday, but tickets can only be used one day. Hawk Creek Wildlife Center Address: 1963 Mill Rd., West Falls, NY 14170 from 11am to 3pm. Join us for a Spooky Safari! Get in the spirit for Halloween early, come in costume and explore our not-so-spooky trick or treat trail to meet some creepy, but friendly, Halloween critters! Discover rare wildlife from around the globe and bring a camera for up-close encounters with our wildlife ambassadors. Refreshments, gift shop, flying bird demonstration, trick or treat trail, pumpkin painting, 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.

Honey Harvest Festival- 9am to 3pm. Masterson's Garden Center, Inc. 725 Olean Road. East Aurora, NY, 14052. [Info](#). The whole idea behind our Honey Harvest Festival is to share beekeeping with the community. We hope that everyone attending the festival leaves with a deeper appreciation for these amazing little creatures. If you’d like to learn more about becoming a beekeeper, caring for bees, inviting them to your yard or garden, or just want to talk about honey, there’s something for everyone on our schedule. All classes and demonstrations are free. No registration is required, but seating is limited. Classes will be held in our seasonal greenhouses at the end of the parking lot.

Children's Garden Festival-2 to 5pm. Martin Luther King, Jr. Park Fillmore and Best, Buffalo, Celebrating the beauty and attractions of fall gardens. At this festival, children and families can learn about planting bulbs, composting, fall fruits and vegetables, and how they can be good environmental stewards in their own neighborhoods. There will be free food, giveaways, children’s bike repairs, games, music, entertainment, and environmental, horticultural and garden-related educational activities with a goal of bringing neighbors together. [Info](#).

S'more Ranger Camping Tips-10am at [Sprague Brook - Warming Hut](#). Come Join Ranger Greg at the Sprague Brook Park Warming Hut as he discusses camping tips, tricks while enjoying s'mores! Learn multiple ways to start a fire, what to bring on your camping adventure, and cook S'mores around the campfire. Enter the park near the maintenance building and head toward Camping Loop C – drive uphill past the overflow parking to the warming hut. - Bring Chairs and a good s'more stick if you have one! [Register for S'more Ranger Camping Tips ~ Sprague Brook Park ~](#)

Monday, October 9

Indigenous People’s Day Slow Roll Bike Ride- Augustin Olivencia Community Center 261 Swan Street, Buffalo. Meet at 5:30pm, roll at 6:00pm on a 10-mile roundtrip ride with two stops to regroup and learn about different parts of Buffalo, guided by Slow Roll’s SQUAD of volunteers and accommodating all skill levels. Minors under 18 must be accompanied by a parent/guardian. Our many other generous community partners help to keep Slow Roll Buffalo free and inclusive to all; a one-time [annual registration is required](#) either online or onsite before the ride.

Aerovec's Wind Turbine Unveiling and Demonstration Trucking Event-5:30pm at Lancaster Speedway, Gunnville Rd., Lancaster. Free Parking and Admission. [Register](#).

The Buffalo River, The Erie Canal, & Silo City- 1pm. Harry Meyer. Virtual. [Register](#).

Tuesday, October 10

"Quaking Mats, Muck, and Mire: Bog-walking in Western New York"-7:30pm. Niagara Frontier Botanical Society meeting and talk by Wayne Gall. Visit, dry-footed, WNY's bogs—our most uncommon, most restricted, most unknown, and most beautiful habitat. Harlem Road Community Center, 4255 Harlem Road, Amherst, New York. No advance registration is required.

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

Toddler Time-Join Shelby in the Beaver Meadow Nature Center, North Java for a fall themed Scavenger Hunt and Snack! Ages 2 to 4. [Preregistration is required](#). \$10 per child.

Kenmore Garden Club-10am meeting at Kenmore United Methodist Church 32 Landers at Delaware Road, Kenmore. Joe Emminger, the Town of Tonawanda Supervisor will be the guest speaker and will bring everyone up to date on town affairs, what is happening behind the scenes, and what things are planned and what has been accomplished.

Adirondack Mountain Club Meeting-Amherst Community Church 175 Stevenson Blvd, Amherst. The 6:30 pm education workshop is an introduction to Leave No Trace (LNT) with Fred Thornley, a certified LNT Master Educator. If you're not attending the workshop, please arrive before 7 pm for the meet and greet followed by the chapter meeting at 7:15 pm and the main program at 7:30 pm. Naturalist and educator Richard Rupprecht.

Foraged Inks Workshop with Tatiana Ryckman-5:30 pm - 7:30 pm. Learn how to create fun and vibrant art work with invasive species! At this workshop, artist Tatiana will use invasive species from the Buffalo Olmsted Park System to demonstrate how you can create ink! This event is a partnership with The Tool Library and Buffalo Olmsted Parks Conservancy. [Purchase Tickets HERE!](#) These invasive species are typical plants that you may see in your own backyard. Kristie Munson of the Buffalo Olmsted Parks Conservancy will also share about ongoing invasive species management efforts throughout the park system, and how you can make a difference in the parks and in your own green spaces. Darren Cotton of The Tool Library will share about the tools available in their inventory to empower you in taking the next step in invasive species management! Ticket price: \$10 per person | FREE for The Tool Library members. The Tool Library
2626 Main St, Buffalo NY, 14214

Wednesday, October 11

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 Preserve, Depew.

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

Olmsted Community Alliance Public Meetings - First Presbyterian Church of Buffalo, 1 Symphony Circle, Buffalo, NY 14201. [Learn more and RSVP](#)

Exploring Sustainable Operations: Present Outlook and Future Trends- noon webinar. [Register](#).

Behind-The-Scenes Collections Tours: Geology Rocks!- 6:00 PM - 7:30 PM at the Buffalo Science Museum. Holmes! What kind of rock is this? Sedimentary, my dear Watson. Learn why this and other CoRn Y jokes are funny by investigating the Museum's Geology Collection. What you see on display is just the tip of the iceberg. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. \$30 per participant*, Ages 18+ [Purchase Tickets](#)

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

Hamburg GC: climate change & gardening-10am at VFW Post 1419 Hamburg 2985 Lakeview Road, Hamburg. Master Gardener Kathy Moran will discuss how gardening will be impacted by climate change. Guests are welcome. If you are interested in joining the meeting, please make your reservation at lonabutler4@gmail.com.

Scinight: Terror-Ariums-Buffalo Science Museum from 6 - 7:30 p.m. Be the creator of your own microcosm in this terrarium-building workshop. View sinister models of deadly plants while creating a living scene to keep you company through the dark winter nights. Cost includes all materials for glass terrarium, substrate, and plants. \$30, Ages 18+. [Register](#).

Forum on Food Security- Virtual, 2pm. Hosted by the Field & Fork Network, Feeding NYS, and The American Heart Association, the discussion will cover the current landscape of food insecurity and hunger in New York, and how we can address these issues through our legislative and advocacy priorities to build a more equitable food system. [Register](#).

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

Upcoming Total Solar Eclipse-Talk by John Szalasny at the Audubon Library, 350 John James Audubon Pkwy, Amherst at 7:00 pm. No one forgets the experience of a total eclipse and Western New Yorkers will be able to experience that firsthand starting at 3:18 pm on April 8, 2024. Join our speaker as he discusses the history and experience of a solar eclipse and what we need to prepare for this extraordinary astronomical opportunity. Please register by calling the library at 716 689-4922.

Thursday, October 12

Green Development Zone Tour-[PUSH Buffalo](#), 5 to 6:30pm. In 2008, PUSH Buffalo established the Green Development Zone (GDZ) – a 25-square block area on Buffalo's West Side that is the hub of PUSH's programming and the heart of our community-driven work. Join us for a tour to see. Fill out the form at : [Green Development Zone](#)

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.*

Green Drinks -Join others to network and enjoy conversation with environmental folks at 5:30pm at Banshee's Irish Pub, 257 Franklin Ave, Buffalo. The event is also listed on [Facebook](#) and on the [Green Drinks webpage](#). Come celebrate with BWELL and [Green Drinks](#) at our Spooky Fundraiser. We will be hosting a costume contest and basket raffle so be sure to dress to impress! Please RSVP via [Facebook](#).

It Only Takes A Few Bucks: How Deer Are Reshaping Our Natural Habitat-Tifft Nature Preserve from 6 - 7:30 p.m. Free. [Info](#). White-tailed deer are important and influential native wildlife to our region. Join us for an indoor presentation on deer population impact upon our native plant and animal species with time for a group discussion.

Science in the Virtual & Actual Pub -meets on the second and fourth Thursday of the month at 7:00 pm Eastern. Most sessions are fully virtual. For registration and link, visit <https://www.priweb.org/event/science-in-the-virtual-pub>. Topic: Fear is our Best Hope: Moving from Climate Anxiety to Climate Action with Dr. Don Haas.

Learn about Native Plant Landscaping for Pollinators with Heather Holm-7pm ET live webinar. Join Heather Holm as she explores the nesting habitats, life cycles, pollen collection, brood rearing, and general characteristics of some of the most common native bees in eastern North America, while highlighting the pollination of native plants and the mutualism between native plants and native bees. Presentation will be LIVE on both Zoom and YouTube. After registration, links will be provided via email the day of webinar. [Register.](#)

The Town and Country Garden Club of Williamsville Meeting-2 to 4pm with a presentation, "Using Native Plants in Your Garden," by author and Master Gardener, Lyn Chimera at Audubon Library, 350 John James Audubon Parkway. The event is free. Seating is limited. Reservations may be made by calling the Audubon Library at 716-689-4922 or stopping by the librarian's desk.

Walkinar 2: Infrastructure and Safety-10:30 a.m. ET. Explore new approaches to town planning that address potential links between land use and transportation, and a case study from Baltimore, Maryland that is using complete streets connectivity to improve pedestrian connectivity and by doing so, help support public health and safety. Find out more and [Register for Walkinar 2](#)

43North Finals- 6:00 PM at [Shea's Performing Arts Center, Buffalo, NY](#). The stage is set for companies from around the world to go head-to-head, vying for a cut of \$5 million and the opportunity to build their business right here in Buffalo, NY. Out of the 15 finalists, only five will secure \$1 million each and a spot in 43North's Y9 accelerator program. Tickets are FREE, but seats are limited! Secure your spot today! [Free tickets.](#)

Friday, October 13

Green Development Zone Tour-[PUSH Buffalo](#), 10 to 11:30am. In 2008, PUSH Buffalo established the Green Development Zone (GDZ) – a 25-square block area on Buffalo's West Side that is the hub of PUSH's programming and the heart of our community-driven work. Our work in the GDZ encompasses green affordable housing construction, community-based renewable energy projects, housing weatherization, green jobs training, green infrastructure, and vacant land restoration projects, to name a few. Join us for a tour to see. Fill out the form at : [Green Development Zone](#)

Mystery in the Meadow - 5:00PM - 8:00PM. Join the Buffalo Audubon at Beaver Meadow Nature Center to solve a mystery. A campsite has been robbed, with all the food eaten. Interview animal suspects, take notes, and put the pieces together to solve the mystery in the meadow. You can also enjoy yard games, peruse the basket raffle, and look at the stars with the Buffalo Astronomical Association. There will be food available for separate purchase. **Registration \$10 at event or [online](#). Volunteers are needed for Mystery in the Meadow from 4:30PM - 9:00PM. Folks can sign up to volunteer for either event here: <https://docs.google.com/forms/d/1KUfxlZ1P89W7N5d7XXggRIwW3nUa1KiZ4SNV7asT6d0/edit>**

Scary Poetry Hike- Tiff Nature Preserve from 7 to 8:30pm. Embark into the darkness on a guided tour through the woods, marsh, and fields to enjoy a tantalizing taste of spine-tingling poetry and stories. Hot cider and refreshments served. [Register.](#) \$10, 18+.

Saturday, October 14

Boo Bash at the Buffalo Zoo-6 to 10pm, adults-only event. Don your best costume or keep it casual for an unforgettable night of fang-tastic fun. Tickets include 3 drink tickets, free tastings from local wineries and breweries, food trucks, entertainment. [BUY TICKETS NOW](#)

Owl Prowl-6:30 to 8:00pm. Penn Dixie Fossil Park and Nature Reserve, Hamburg. Walk the trails with us and search for owls in action and learn what special adaptations make owls the ideal nocturnal predator! We may encounter barred owls, great horned owls, or screech owls. Admission is \$10 per participant, free for Penn Dixie members. Registration required, members please contact the office at 716-627-4560 for a registration code. Please dress in weather-appropriate gear, pack layers, and wear boots. Additionally, we advise that you bring bottled water as we do not have running water on site. There are portable toilets available near the parking lot. In the event of heavy rain or if we detect lightning on site, the program will be cancelled, you will be notified via email and receive a full refund. [Register Here](#)

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

Preparedness and Mutual Aid Class: Winter Weather Preparedness-11am-2:30pm, Trinity Church, 371 Delaware Avenue, Buffalo NY 14202. [Click here to Register!](#) Join us for the next class in our Emergency Preparedness and Mutual Aid course with Erie County Department of Health where we will review steps you can take to prepare for Shelter in Place events, and also to practice Hands-only CPR and Stop the Bleed. Lunch and childcare provided; other accessibility needs like interpretation services will be provided with pre-registration **prior to October 10.**

Trick-or-Treat - 11:00AM - 9:00PM. Join the Buffalo Audubon at Beaver Meadow Nature Center for a full day of family fun. Take a hayride from the parking lot to our nature center! Meet magical animal characters, learn about the forest, and collect candy on a trick-or-treat hike. There will be yard games, crafts, a maze in the meadow, educational programs once an hour, meeting educational animals, a basket raffle, and a partial solar eclipse from 12:00PM - 1:15PM, with the Buffalo Astronomical Association. There will also be craft vendors and food available for separate purchase. Registration \$15 [online](#). Volunteers are needed in shifts for the Trick-or-Treat event, the first being 10:30AM - 4:30PM and the second 4:00PM - 9:30PM. Folks can sign up to volunteer here: <https://docs.google.com/forms/d/1KUfxlZ1P89W7N5d7XXggRIwW3nUa1KiZ4SNV7asT6d0/edit>

Houseplants 101-On-site at the Botanical Gardens-in the Administration Building, 10:30am-11:30am, \$25 per Person, \$22.50 per Member, [Pre-registration required](#) - *Registration Closes October 11*

Fossil Hunting for Beginners-10am to noon at Penn Dixie. New to fossil hunting? Learn the tricks of the trade while touring the site with one of our trained educators! 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 rent from our limited supply. No experience is necessary. All ages welcome — this program will run rain or shine, dress for the weather. [Register.](#)

Partial Eclipse Viewing-Safely view partial eclipse at the Buffalo Science Museum between 12 and 2pm. Free solar viewing glasses provided. Free museum admission from 10am to 4pm.

Forest Bathing: Connecting with Nature-10:00 AM - 12:00 PM at [Artpark State Park \(Earl W. Brydges\)](#). 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). Registration required on [Eventbrite.com](#). *Registration: Required*

BAA Star Watch Night in Wilson- 7:30pm in Calvin E. Krueger Park, 350 Ontario St. #18, Wilson 14712. Telescopes will be available but bring your own if you have one. Weather-dependent. Info: 716 879-3115. <https://www.facebook.com/people/Wilson-Star-Search/100067930632211/>

Hawk Creek Wines of the World- 1 to 4pm. Spend a fall afternoon traveling the wild world of wines at Hawk Creek's new event this fall! Savor samples while learning all about the wine and Hawk Creek animal ambassadors from that region, such as Tracker the Eurasian Lynx and Cruz the Black-chested Buzzard Eagle. Don't miss the opportunity to meet our newest ambassador, Calypso the Clouded Leopard! Ticket includes *eight* 4oz wine samples, a Hawk Creek wine tumbler, a flight demo, the opportunity to feed a porcupine, and a photo holding a nonnative raptor. Event is 21+ only, rain or shine! [Tickets.](#)

Free workshops: Community Homesteading-10am to 12:30pm at Massachusetts Avenue Project 387 Massachusetts Ave., Buffalo. Free fall workshops are being held by the Massachusetts Avenue Project, Grassroots Gardens of WNY and Urban Roots Cooperative Garden Market. Topics include Making Fire Cider and Elderberry syrup, learn seed saving basics and how to store crops for winter and food foraging walk around our neighborhood. Free. [Register here.](#)

The Buffalo Bonsai Society Meeting-1:00 pm to 4:00 pm. Les Allen will speak on Suiseki, the Japanese art of stone appreciation. The meeting will be held at Stem Building Parking Lot on Youngs Rd, ECC North Campus, 6205 Main St. in Williamsville.

Honey harvest demonstration-Pelion Community Garden 212 Best St., Buffalo by Pelion Outdoor Classroom from 10 a.m. to 12:30 p.m. Sample honeys from around the country and learn how they harvest a few frames of honey. Got a little muscle? You can help crank the extractor! They will be employing the equipment inside a screened tent so that fewer bees will engage with people while they're working, but be aware that there will be many bees (and probably yellow jackets) attracted and curious about what the people are up to. It is a good idea to wear a long sleeve shirt and pants and to avoid sweet/floral perfumes.

Wild Foods Walk-10:00am-12:30pm at JP Nicely Memorial Park, West Falls. Join us for a look into the bounty of the Autumn forests and fields. Learn as Sandy shares ID tips, ethical considerations, safety, and preparation suggestions for some of the wild foods found. This program is suggested for those age 10 and older. [REGISTER](#)

Volunteer Gardeners needed- 10am. Urban Roots is working with the Friends Of Broderick Park to reclaim and replant the Contemplative Garden that was originally designed to recognize the work of Lillion Batchelor. Lillion helped bring national and international attention to the pocket park at the foot of West Ferry Street and its role in the Underground Railroad. It is also a place for the community to stop and reflect on the importance of the site. We are looking to clean and amend the garden this fall so that come spring we can plant native species that will flourish and bring back the beauty of the site. If you are interested in helping us rebuild this garden, please contact UR at info@urbanroots.org.

Urban Wildlife Conservation Day-Noon at Grassroots Gardens (389 Broadway Street) to connect with Buffalo's community, wildlife, and environment! You'll play and eat snacks while learning about local environmental organizations and how you can find and protect nature around your city! Registration is recommended to estimate the flow of traffic and refreshments, please contact logan_sauer@fws.gov or sign up here: <https://signup.com/go/qxdFOpR>

Sunday, October 15

Forces of Nature-10:00 AM - 11:30 AM at [Niagara Falls State Park](#). Tinker with DC Motors to create turbines powered by wind and water and harness the power of the sun! Registration required on [Eventbrite.com](#).
Registration: Required

What Do You Seek? -10am at [Ellicott Creek - Soccer Field Parking Lot](#). Have you ever wished to be on a first name basis with the plants, animals, and fungi in our backyard? Scratch your curiosity itch with this informative identification program, and learn ways we describe and identify the species we discover at Ellicott Creek Park! Smartphone, and download the application "Seek by iNaturalist".
[Register for What Do You Seek? ~ Ellicott Creek Park ~](#)

Monday, October 16

Habitat for Humanity Slow Roll Bike Ride- Buffalo Irish Center 245 Abbott Rd, Buffalo. Meet at 5:30pm, roll at 6:00pm on a 10-mile roundtrip ride with two stops to regroup and learn about different parts of Buffalo, guided by Slow Roll's SQUAD of volunteers and accommodating all skill levels. Minors under 18 must be accompanied by a parent/guardian. Our many other generous community partners help to keep Slow Roll Buffalo free and inclusive to all; a one-time [annual registration is required](#) either online or onsite before the ride.

Tuesday, October 17

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

WNY PRISM's Fall Partner Meeting - 9:30 AM - 12:00 PM at Tifft Nature Preserve! Join us to celebrate 10 years of partnership at our Fall Partner Meeting at Tifft Nature Preserve! As part of the program, we will hear about what WNY PRISM has accomplished with the help of our partners, and what plans are in store for the future! We will hear updates from partners, and then we'll break out into working groups to update priority species and Tier Rankings for the region. Please visit our website for more details and to register: <https://wnyprism.org/2023-fall-partner-meeting>.

Community Air Monitoring Leaders Kick-off Meeting-5:30 to 7pm, [click here to apply to be part of the Leader cohort](#).

An Introduction to Zoning: What is it and Why Should I care- 6 to 7:15pm. Webinar. [Register](#). The way that land is used can have a significant impact on individual landowners, surrounding residents, and community members as a whole. Zoning is a land use regulation that sets standards for items such as land use, density, and lot dimensions. Webinar is focused on Pennsylvania, but would apply elsewhere.

Backyard Wildlife-1pm. Learn tricks to encourage wildlife into your backyard! We'll also explore the do's and don'ts, the best backyard wildlife to attract, and why these critters are so important to have around. Hamburg Senior Center, 4540 Southwestern Blvd. Hamburg, NY 14075. Call 716-646-0665 to register.

Implementing Centralized Waste Collections- 1pm. Webinar [REGISTER](#).

Wednesday, October 18

Citizens for Regional Transit- 5:30 pm at Niagara Falls Multimodal Transportation Center, 825 Depot Ave. West. Free. Speakers: Sara Capen, Executive Director of Niagara Falls National Heritage Area and others.

Behind-The-Scenes Collections Tours: Cabinet of Curiosities- 6:00 PM - 7:30 PM at Buffalo Science Museum. Take a peek into the Vertebrate Zoology Collection's spine-tingling Cabinet of Curiosities to explore the mind bending stories of some of nature's unique freaks, morbid mistakes, and seemingly scientific impossibilities! Marvel at obscure oddities, glimpse the wildly unusual, and satisfy your macabre interests. Feeling enticed yet? We invite (dare) you to join us for a hair-raising tour to get an eyeful of all this, and more. You truly never know what you might encounter in the Cabinet! \$30 per participant* Ages 18+, [Purchase Tickets](#).

Forest Management and Birds: Climate Resilient Forestry- 8 to 9am. [Register](#)

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

Thursday, October 19

Clean Air Power Building Movement Mixer- 4:30 to 6pm. Meet with other members of Clean Air as well as folks involved with WNY movement justice work for a happy hour at Flying Bison Brewery, 840 Seneca Street in Buffalo from 4:30-6pm! [Click here for the Facebook event](#).

Olmsted Community Alliance Public Meetings – 6 to 7:30pm, , East Community High School, 820 Northampton St, Buffalo, NY 14211. MLK Park. [Learn more and RSVP](#)

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

Scinight: Harvest Wreath Making Workshop*- Tiff Nature Preserve from 7 to 8:30pm. Use the bounty of materials that Autumn nature provides to create a beautiful make-and-take 14-inch wreath. All materials provided. Participants are welcome to bring items of their own to add. \$20, 18+ [Register](#).

Striking a Balance: Nutrients and Algae in Lake Ontario- 12pm to 1pm webinar. [Register](#).

How Universities Model Sustainability- 6:30 virtual presentation. Join the Sierra Club as we host Ryan McPherson, Chief Sustainability Officer at the University at Buffalo. He will discuss how the university reduces their footprint on the future and works to create a more sustainable campus and community through teaching, operations, and interactions with the community. [Register](#) for the event.

In the Life of Bees: Nesting in Darkness-1:00 PM - 2:00 PM ET Webinar. When you think of bees, you probably imagine the things they do on sunny days, like flying around and pollinating flowers. But this is only half of the story, as most of the 20,000 species of bees found around the world nest below ground, and spend the majority of their lives in darkness. What are they doing underground? How do they navigate their burrows and communicate with other bees? What happens when it rains? In this webinar, we will learn about the diversity of ways that bees live and reproduce belowground, and we'll ponder some of those unsolved mysteries. We'll also talk about how the belowground lifestyle affects threats to bees, such as exposure to pesticides and pathogens. This webinar will cover some bees you may be familiar with, such as bumble bees, but we'll be focusing our time on soil-nesters who we generally know less about, including the many solitary bees that do not live in colonies. [Register.](#)

Friday, October 20

A Dose of Nature: Beach Walk-5:00 PM - 06:30 PM at [DeVeaux Woods State Park](#). Escape the stress of everyday life and reconnect with nature. Join us on a beach walk along the shore of Lake Ontario; watch the sun start to set and skip a rock or two. Registration required on [Eventbrite.com](#). *Registration: Required*

Science After Hours: A Fright at the Museum-6 to 9pm at Buffalo Science Museum. What are you afraid of? Test your cortisol levels with some creepy crawly science. Liquid courage will be available at the cash bar. *Ages 21+; cash bar. Photo ID required. Tickets: \$25*. [Register.](#)*

Saturday, October 21

Leaves and Leashes-10:00 AM - 12:00 PM at [Knox Farm State Park](#). Enjoy a leisurely walk with your dog and a Park naturalist to see the fall foliage. It is not necessary to have a dog to participate, however, all dogs in attendance must be up to date on immunizations, leashed, and under control. Registration required on [Eventbrite.com](#). *Registration: Required.*

Fall EquiKnox Stroll-1:00 PM - 02:30 PM at [Knox Farm State Park](#). Colorful leaves are here! Enjoy a guided walk with a Park Naturalist through the park to observe the fall foliage. Registration required on [Eventbrite.com](#). *Registration: Required*

Intro to Hydroponics-On-site at the Botanical Gardens-in the Administration Building, 10:30am-11:30am, \$25 per Person, \$22.50 per Member. *[Pre-registration required](#) - **Registration Closes October 18***

Pumpkin-Mache-1:00 PM - 03:00 PM at [Niagara Falls State Park](#). Oh, My Gourd! It's a sustainable fall craft! Join us in our Education Center to create a GOURD-geous masterpiece. It is BYOG—Bring Your Own Gourd! Registration required on [Eventbrite.com](#)

Creepy Crawlies-2 to 3pm. Buffalo Science Museum for all ages. Every wish you were a little less afraid of things that go bump in the night? Bring the family or a friend to this group workshop revealing the ins and outs of tarantula and cockroach care, how to make the best fake blood, and what you need to be safe handling dry ice for your eerie effects. Groups of up to four (4) people are welcome to attend on a single registration. \$50. [Register.](#)

The Climate-Friendly Kitchen-10am. Enjoy a free cup of coffee or tea while you learn how we can decrease our environmental impact in the kitchen. Leave with resources and recipes! Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Volunteer at N Tonawanda Botanical Garden-9am to noon at North Tonawanda Botanical Garden 1825 Sweeney St., North Tonawanda. There will be a community work day, bring water and gloves and dress for the weather. There will be volunteers from the North Tonawanda Botanical Organization to lead the community volunteers in various projects to restore and maintain beds. Tools and instruction will be provided. This activity qualifies for Community Service Hours. Contact ntbgo@hotmail.com for information.

Woods Walk: Fruits of the Forest-1pm. It's not just your gardens that produce a harvest. Take a walk to discover what nature has been up to. No registration required. Reinstein Woods Nature Preserve, Depew.

Dare to Repair Café-11am to 2pm at Orchard Park Library S-4570 South Buffalo St., Orchard Park. This is a popup community event where you can bring a broken item and work with a team of fixers to try and repair the item for free. The goal is to share repair skills, save money, and keep things in circulation and out of the landfill for as long as possible. Not all fixers can make every event, so registering ahead of time helps ensure there is someone who can fix your item. [Register](#).

Tift Or Treat Family Hike-Tift Nature Preserve for ages 5+. Please choose the 6:30 - 8 p.m. timeslot or the 7:30 - 9 p.m. timeslot. Venture into the woods on a guided hike to find out who or what has been on the Tift Trails at night. Touch creepy things, smell mysterious scents, and listen to riddles in the dark. End with hot cider, doughnuts, kid's crafts, and LIVE animals! Program entirely indoors in inclement weather. [Register](#). \$10pp.

Sunday, October 22

Birds of a Feather-10:00 AM - 11:30 AM at [Knox Farm State Park](#). Birds of a feather flock together! Enjoy a casual bird walk to observe the fall birds' migration. Registration required on [Eventbrite.com](#).
Registration: Required

OKTOBERFEST-Buffalo Central Terminal 495 Paderewski Drive, Buffalo. "Oktoberfest" One of WNY's favorite times of the year. Enjoy our family-friendly Oktoberfest featuring music, petting farm, pumpkin carving, photog areas, beer & wine vendors and more. 11:00am-3:00pm.

Making Pumpkin Feeders- 1 to 3pm at Bond Lake Nature Center, 2571 Lower Mt. Rd., Ransomville. Presented by Linda Harvey, this FREE event is ideal for kids ages 6-10. We will meet in the Nature Center at Clyde L. Burmaster (Bond Lake) Park. The entrance is in the rear of the building.

Fantastic Fall Fungi -10am at [Franklin Gulf - Larkin St Parking Lot](#). Let's go exploring for some fun-guys with Ranger Stephanie. This program is made for novice mushroom seekers but folks with expert mushroom hunting status are more than welcome to join. We will be traveling through different forest habitats to look for a wide array of mushrooms. We will discuss special adaptations these fungi possess and their importance in keeping our forests healthy! [Register for Fantastic Fall Fungi ~ Franklin Gulf Park ~](#)

Monday, October 23

Riverline Slow Roll Bike Ride- BriarBrothers Brewing Company 50 Elk Street. Meet at 5:30pm, roll at 6:00pm on a 10-mile roundtrip ride with two stops to regroup and learn about different parts of Buffalo, guided by Slow Roll's SQUAD of volunteers and accommodating all skill levels. Minors under 18 must be accompanied by a parent/guardian. Our many other generous community partners help to keep Slow Roll Buffalo free and inclusive to all; a one-time [annual registration is required](#) either online or onsite before the ride.

Tuesday, October 24

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

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

Olmsted Community Alliance Public Meetings – 5:30 to 7pm, , Tosh Collins Community Center, 35 Cazenovia St, Buffalo, NY 14210 [Learn more and RSVP](#)

Master Gardener Lunch & Learn Mini Series: Growing Herbs-12:00 PM - 12:30 PM. Please visit the link below to register in advanced. Join us in-person at 28 Parkside Drive, Ellicottville, New York 14731 or via Zoom, whichever your schedules allows for! Bring your lunch or join us on zoom during your lunch break. Zoom Meeting <https://cornell.zoom.us/j/91829918208?pwd=RWJkUmtURkxZdGtYVtGzRlFzaDJ3Zz09>
Meeting ID: 918 2991 8208

DEC Climate Justice Working Group Meeting- 2pm virtual. The CJWG is tasked with establishing criteria for identifying disadvantaged communities for the purposes of co-pollutant reductions, greenhouse gas emissions reductions, regulatory impact statements, and the allocation of investments pursuant to the CLCPA. This virtual meeting will not involve voting or deliberations by the CJWG and will include a presentation on Tools for Mapping Extreme Heat Risk and Mitigation in New York State Disadvantaged Communities. Pursuant to legislation enacted in Sept. 2022, DEC will fund the State University of New York College of Environmental Sciences and Forestry to provide maps of heat islands in New York State, including urban disadvantaged communities, and tools to assist in planning and evaluating measures to mitigate urban heat island effects. Members of the public are welcome to listen to the meeting via webcast. [WebEx meeting and registration link](#) (Pre-registration is strongly encouraged) Webinar password: welcome10.4.23 (93526631 from phones) Audio: Dial 1-518-549-0500; Access code: 161 531 0875

Wednesday, October 25

Equitable Greening-Join us for a noon webinar with Dr. Lincoln Larson of NC State on his research into equitable urban greening. Trees are excellent partners in the fight against climate change and recent federal funding in the Inflation Reduction Act present a “tree-mendous” opportunity to add trees to our communities. However developing equitable tree planting plans that communities can successfully execute is a challenge. Dr. Larson’s research uses social science methods to understand human-environment interactions and address natural resource management and conservation issues, so that program managers can develop strong community supported programs. Registration is required for this free event; [register now](#).

WNY Sustainable Business Energy Efficiency Workshop-5:30 to 7:30pm. Join us at the Tri-Main Center, a vibrant mixed-use business center that emerged from the revitalization of a vacant industrial complex, as we showcase how local businesses have implemented incentives across a spectrum of energy efficiency projects. Tri-Main Center 2495 Main St, Buffalo, NY. Our October 25th event will feature speakers from Montante Solar, EnergyMark, and the Chautauqua Institution, who will share their experiences applying incentives in various energy efficiency projects. To cap off the evening, we'll have an audience Q&A session, networking opportunities, and refreshments sponsored by EnergyMark. Don't miss this chance to gain valuable insights into energy efficiency incentives, discuss their real-world applications, and connect with other attendees! [Register](#).

Decarbonization Through Energy Management-11am webinar. Sustainable business practices in construction are on the rise — and for good reason. Initiatives such as decarbonization, or the effort to remove or reduce carbon dioxide output by switching from fossil fuels to alternative, low-carbon energy sources, are gaining steam. If you’ve ever wondered how you can start to put decarbonization into practice in your organization, this is a webinar you don’t want to miss. [Register](#).

Water Cooler Talk: Biochar Impact on Soil Infiltration Rates- 12 to 1pm webinar. Concentrated flow paths, CFPs, are high convenances of surface runoff that negatively impact soil and water quality. Best Management Practices (BMPs) typically mitigate or successfully manage surface runoff in traditional agronomic landscapes. When impacted by CFPs, BMPs like riparian forest buffers see decreased effectiveness in management of runoff. Biochar, a black carbon source, may have the potential to help mitigate the CFPs through its impact on soil physical and chemical properties. Graduate student Brian Morris is actively doing research on biochar application within agronomic systems affected by concentrated flow paths and will be delivering this Water Cooler Talk. [Register](#).

BWELL Group Hike-Group Hike at Buckhorn Island Park from 6pm – 7pm at E River Rd, Grand Island, NY 14072 ([map](#)).

Reviving the Buffalo River and Beyond- 6:30 to 8pm at Lake Erie Seaway Trail Center 4968 Lake Shore Rd, Hamburg, NY. The Friends of the Lake Erie Seaway Trail Center and Buffalo Niagara Waterkeeper will co-host a presentation about the Buffalo River. A \$5 per person donation is gratefully requested at the door in support of both Buffalo Niagara Waterkeeper and the Lake Erie Seaway Trail Center. Please RSVP by visiting the Lake Erie Seaway Trail Facebook page and finding the event, [or go here](#). People can also send an email to LESTC2012@gmail.com

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

Thursday, October 26

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

Dark Side of the Falls-5:30 PM - 07:00 PM at [Niagara Falls State Park](#). It's not always rainbows and sunshine at Niagara Falls... Take a tour around the park with a Ranger and a Park Naturalist to uncover the more morbid Dark Side of the Falls. Must be 16 years or older, all minors must be accompanied by an adult. Registration Required on [Eventbrite.com](#). *Registration:* Required

Science in the Virtual & Actual Pub -meets on the second and fourth Thursday of the month at 7:00 pm Eastern. Most sessions are fully virtual. For registration and link, visit <https://www.priweb.org/event/science-in-the-virtual-pub>. Topic: Seeing the Methane, then What? Patricia Rodríguez, International OGI Analyst and Advocate @ Earthworks.

Almost-Full Moon Walk-7:30pm. Enjoy the fall woods under the glow of an almost-full moon. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Moss Terrarium Workshop: Register Now-6 to 7 pm workshop offered by the [Buffalo and Erie Count Botanical Gardens](#), you will be learning and discussing the basics of moss, including their environment, structure, and types of moss that you would find growing in Western New York. You will then construct your very own moss terrarium, complete with small decorations of your choice. We will go over moss maintenance, and you will be on your way with your own tiny moss world. All plant material and supplies are included. The class will be held in the Administration Building at the Gardens. **Registration closes October 23.** To register go to: <https://www.buffalogardens.com/collections/make-it-take-it-workshops/products/moss-terrarium-workshop>, \$45/Person, \$40.50/Member

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

Walkinar 4: Equity- 10:30 a.m. ET. We will discuss tools and techniques to make our communities safer and easier to get around. Find out more and [Register for Walkinar 4](#)

Building Blocks Breakfast with PUSH Buffalo-8 to 9am at D'Youville Academic Center, 6th floor. Learn about PUSH initiatives. Please register [here](#)

Buffalo Maritime Center Speaker Series: Buffalo Olmsted Parks Conservancy on Olmsted Parks- 6pm at Parkside Lodge Delaware Park - 84 Parkside Avenue, Buffalo, NY 14214. In partnership with Buffalo Olmsted Parks Conservancy, we will learn about the history of these parks and their connection to local waterways. We will also get to know the organization that preserves, restores, enhances, and ensures maintenance of our Olmsted Parks and Parkways. Doors and Cash Bar Open at 5:30, Lecture at 6PM.

Friday, October 27

Hiking Through History- 10:00 AM - 11:30 AM at [Knox Farm State Park](#). Reminisce about years gone by. Take a leisure hike and discover the history of Knox Farm State Park. Registration required on [Eventbrite.com](#). *Registration:* Required

Fun Facts with Kelly: Wildflowers-02:00 PM - 03:30 PM at [Artpark State Park \(Earl W. Brydges\)](#). Search for changing colors and enjoy the fall wildflowers as we stroll along the gorge in pursuit of nature's art. Registration required on [Eventbrite.com](#). *Registration:* Required

Saturday, October 28

Keeping it Creepy-10:00 AM - 11:30 AM at [DeVeaux Woods State Park](#). What is that?! Come and explore the creepier side of nature. Registration required on [Eventbrite.com](#). *Registration:* Required

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

Forests & Ponds Hike-10:00am-12:30am at Pawtucket Playground, Orchard Park. Join us for a leisurely stroll at a hidden gem park with a lovely forest surrounding a diverse pond habitat. The focus for the walk will be on the seasonal happenings for the flora and fauna found. This is a great program for all ages, although it will not be stroller friendly. [REGISTER](#)

Adults-Only Full Moon Hike- Tift Nature Preserve from 6:30 to 8pm. Enjoy a guided tour outdoors in search of wildlife beneath the Full Hunter's Moon. No headlamps or flash photography please. \$8, 18+. [Register](#).

Beaver Meadow Owl Prowl-7:00 PM EDT at Beaver Meadow Audubon Center, 1610 Welch Rd North Java. Meet Screech-owl Ambassador Zelda before heading out on a nocturnal hike in search of Wild Screech-owls and Barred Owls that live at Beaver Meadow. Listen and look for these owls and learn all about their nocturnal lives with Buffalo Audubon Senior Naturalist Tom Kerr. Space is limited and pre-registration is required. \$15 Buffalo Audubon Members, \$20 General Admission. [Register](#).

An Owl Prowl Spooktacular-5:30-7:30 at Gallogly Nature Sanctuary, 2950 Whitehaven Rd. Grand Island, NY 14072. Ever wonder what owls do at night in a forest? What sounds do they make? How do they eat? Join experienced birders from Buffalo Audubon Society, the Western New York Land Conservancy, and WNY Young Birders for a Halloween Spooktacular Owl Prowl and learn why owls are some of the coolest birds around. Come see them in their native habitat. Bonus: Spooky stories and songs! Cider! Donuts! Halloween costumes optional but welcomed. This event will be fun for the whole family. [Register](#)

Owl Prowl *Spooky Edition* -7pm at [Chestnut Ridge - Shelter #8](#). Join Ranger Nikki for a night time walk searching for our quietest nocturnal bird, the owl. Learn owl calls and some interesting facts about the species we have here in our parks. Bring a flashlight and dress for the weather, it could be cold. [Register for Owl Prowl *Spooky Edition* ~ Chestnut Ridge Park ~](#)

Tree Planting Training-The free training session for fall planting will be 9am-12noon at American Legion Post Eugene V. Debs hall at 483 Peckham in Buffalo, 14206. For more info and to register, go to [www.buffalogreenfund.org](#) or call Paul Maurer at 716-553-4061.

Sunday, October 29

Roller Rink Skating at Canalside-12 to 7pm. <https://buffalowaterfront.com/canalside>

Monday, October 30

Season Finale Slow Roll Bike Ride- Community Beer Works 520 7th Street, Buffalo. Meet at 5:30pm, roll at 6:00pm on a 10-mile roundtrip ride with two stops to regroup and learn about different parts of Buffalo, guided by Slow Roll's SQUAD of volunteers and accommodating all skill levels. Our many other generous community partners help to keep Slow Roll Buffalo free and inclusive to all; a one-time [annual registration is required](#) either online or onsite before the ride.

Tuesday, October 31

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

Wednesday, November 1

Olmsted Community Alliance Public Meetings – 6:00 to 7:30pm, , 84 Parkside Ave, Buffalo, NY 14214. [Learn more and RSVP](#)

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

Thursday, November 2

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

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

Friday, November 3

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

Public Comments, Civic Engagement and Activism

****This section will share ways to engage and follow policy at the federal and state level. Voting is one action, but civic engagement requires us to share our views and desires with our elected officials.**

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

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

Tips for the Environment:

- **Drop off Food Scraps-**If you don't have a compost pile or curbside organic waste pickup, consider saving it and dropping it off at one of the sites in the area. Check the searchable map [here](#). If you are tossing a lot of food, consider buying smaller amounts or freezing what you can before it needs to be thrown out. [Here](#) are some items that can be safely frozen.
- **Look out for "greenwashing"**-Businesses sometimes stretch their claims about their sustainability. Look beyond the product labels and research a company's practices and record. You can also use [Green America's](#) Green Pages to look for sustainable businesses.

Ongoing Volunteer Opportunities Available

Volunteer opportunities are available at local organizations for a one-time commitment for several hours to a regularly scheduled donation of your time. Websites are listed later in the newsletter. You can also create an account at <https://filemaker.epd-pgh.com/fmi/webd/GreenGuardians> to volunteer with registered organizations.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Additional calendars with local events-

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

<http://buffalorising.com>

<https://boredommd.com/>

Useful Tools:

Wildlife Rehabilitator Search- https://www.dec.ny.gov/cfmx/extapps/sls_searches/index.cfm?p=live_rehab
[Tree Equity Score Tool](#)- tree cover with social and demographic statistics
[Climate Change and Birds Visualizer](#)- examines how birds are faring across regions
[Cover Crop Selector](#)-select appropriate cover crops for your site
[Crop Condition and Soil Moisture Analytics](#) -high-resolution data that can help plan spring planting, track damage
[Climate Change Solution Simulator](#)-En-ROADS is a policy simulator
[BirdCast](#) offers real-time migration maps showing where birds are and in which direction they're going
[Bird Migration Explorer](#) provides migration data
[eBird](#)-record and identify birds that you see
[Personal Plastics Footprint Calculator](#)- measure your footprint for a week or year
[Climate Change Indicators in the United States](#)
<https://emagazine.com/green-jobs/> Green jobs
[Ecosystem Restoration Handbook](#)
[Sustainable Gardening Library Resources](#)
[Working With Nature: A Guide to Native Plants for New York's Great Lakes Shorelines](#)
[Buffalo B-WELL Videos](#)
<http://growitsaveituseit.com/>
[toolkit to reduce synthetic fertilizer use](#)
[#OnesToWatch interactive map](#)-NY invasive species map
[Organics Communications Toolkit to Reduce Waste](#)
[Recycle Coach](#)-Erie County resident app for info on trash and recycling in their towns
[Pollution Prevention Institute Tools for businesses, households, others](#)
[The ABCs of Soil Health](#)

Additional local blogs and websites-

Birds on the Niagara- <http://www.birdsontheniagarafontier.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/>
Natural and Working Lands-<https://blogs.cornell.edu/workinglands/> Farming and Climate Change resources
Nourishing Harvest- <https://www.patreon.com/anourishingharvest>
Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>
Recycle Right NY- <https://recyclerightny.org/>
Reuse Action-<http://reuseaction.com/blog/>
Rochester Environment- <http://www.rochesterenvironment.com/>
WNY Enviro- <http://groups.yahoo.com/group/WNY-ENVIRO/>

Outdoors Niagara- <http://www.outdoorsniagara.com/>
Environmental Tips- <http://www.globalstewards.org/ecotips.htm>
Buffalo Architecture and History- <http://www.buffaloah.com/>
Richardson-Olmsted <http://www.richardson-olmsted.com/>
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- <https://www.grandislandschools.org/domain/49>
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- www.ptny.org/bikecanal
Rochester Roots-<http://www.rochesterroots.org/>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>
Citizen Science Opportunities- [listing](#)
Sustainability SmartPod- <https://www.buzzsprout.com/2127930>

County/New York State Resources

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

Green Jobs, Internships and Opportunities

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

Youth Summer/Holiday Camps/Home School Series

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

Grant Opportunities /Tools

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

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

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

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

Brewster Street Farm- <https://www.jersbuffalo.org/brewster-street-farm>
Buffalo Organics/Foodscaping Project-<http://www.buffalofoodscaping.com/>
Canticle Farms-<http://www.canticlefarm.org>
Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>
Cool Greens Vertical Farm- <https://www.facebook.com/Cool-Greens-Vertical-Farms-2261876070712461/>
Crown Hill Farms-<https://www.crownhillfarm.com/>
Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>
Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>
Falkimmer Farms- <https://www.facebook.com/FalkimmerFarms/>
Farmer Pirates-<http://www.farmerpirates.com/>
Farmers and Artisans- <http://farmersandartisans.com>
Farmthisway CSA - <http://www.farmthisway.com/>
Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- <http://www.firstlightfarmer.com/>
Five Loaves Farm- <https://5loavesfarm.org/>
Fleckenstein Farms-<https://www.fleckensteinfarms.com/>
Food Future WNY- www.foodfuturewny.org
Fresh Fix -<https://www.freshfix.com/>
Goodman Farms- <https://goodmanfarms.net/>
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Greater Buffalo Urban Growers-<https://www.facebook.com/greaterbuffalourbangrowers/>
Gregs U-Pick- <http://gregsupick.com/>
Groundwork Market Garden- <http://www.groundworkmg.com>
Happy Shacks Oils-free seed library <https://happyshackoils.com/>
Healthy Living Farm- <https://www.healthylivingfarm.com>
Kindred Kreek Farms- <https://www.kindredkreek.com/>
Kubed Root-<http://www.kubedroot.com/>
Little Bear Farm- <http://www.littlebearfarm.harvesthand.com/>
Little Woods Farm-<https://www.littlewoodsfarmalden.com/>
McCollum Orchards- <http://mccollumorchards.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <https://platodalefarm.com/>
Porter Farms- <http://www.porterfarms.org/>
Produce Peddlers-<https://producepeddlers.com/>
The Promised Land- <http://promisedlandcsa.com/>
Providence Creek Farm- <http://www.providencecreekfarm.com/>
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Urban Fruits & Veggies- <https://buffalogogreen.org/urban-fruits-veggies/>
Utley Acres- <http://utleyacres.com/>
Westside Tilth Farm- <http://westsidetilth.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>
Local Meats- <http://meatsuite.com/>
NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>
WNY Food Hub for Farmers-<https://www.edenvalleygrowers.com/wny-foodhub>

Local Businesses with Classes and Workshops

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

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

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

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

Local Tourism promoting Sustainability

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

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

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

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

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

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

Books- www.booksforafrica.org, www.operationpaperback.org

Bras- www.donateyourbra.com,

Building materials- www.buffaloreuse.org

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

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

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

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

Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org

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

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

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

Construction Materials- Buffalo ReUse, Habitat for Humanity Restore

Contact Lenses and Blister Packs- Bausch & Lomb program with [drop-offs](#) at eye care offices

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

Electronics- www.greenergadgets.org/recycling-responsibly.html, 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- contact us at 1-800-44-Tyvek® or 1-800-448-9835 for more information.

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

Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.

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

Furniture- Goodwill, Salvation Army, Amvets and other charities

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

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

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

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

Household Goods (Appliances, Furniture, Kitchenware)- Goodwill, Salvation Army, Ladies of Charity, St. Vincent

DePaul Society (Main St.) 882-3600,

Ink cartridges- RecyclePlace.com and most manufacturers

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

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

Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf

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

Packaging Materials (bubble wrap, peanuts)- UPS Store

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

Pharmaceuticals- dropoff sites at [map](#)

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

Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org

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

Recycling A to Z - realsimple

Shoes, athletic- NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com

Sports equipment- resell/trade at www.playitagainsports.com

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

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

Toys, plastic or used- http://dmpgreen.com/mail_in.html, www.buffalony.gov/383/Streets-Sanitation

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

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

Water filters-Brita partners with preserveproducts.com/recycling

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

Eco-volunteering with Travel:

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

<http://www.globalteer.org>

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

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

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

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

Education Courses, Resources or Certificates:

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

Coursera- www.coursera.org

[Green Education Foundation](http://www.greeneducationfoundation.org)

[Facing the Future](http://www.facingthefuture.org)

[Cloud Institute for Sustainable Education](http://www.cloudinstitute.org)

[Sustainable Futures Institute](http://www.sustainablefuturesinstitute.org)

[Nature Generation.](http://www.naturegeneration.org)

[The Center for Ecoliteracy](http://www.theecoliteracycenter.org)

[Hamline's Center for Global Environmental Education \(CGEE\)](http://www.hamline.edu/center-for-global-environmental-education)

[The National Science Teachers Association Learning Centers](http://www.nationalscienceteachers.org)

[The US Partnership for Education for Sustainable Development](http://www.uspartnershipforeducation.org)

[Basics of Organic Farming](http://www.basicsoforganicfarming.com) is a self-directed online course for beginning orchard and vegetable-crop farmers

[Our Farms, Our Future](http://www.ourfarms.org) podcast series

On Demand Webinars:

[Extended Producer Responsibility](https://www.youtube.com/watch?v=...) (other videos on same youtube channel).

[Plan-It GEO](https://www.youtube.com/watch?v=...)

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

EarthEcho [Youtube channel](https://www.youtube.com/watch?v=...) Water Challenge [playlist](https://www.youtube.com/watch?v=...).

STEMExplore Virtual Career Connections [Virtual Events](https://www.stemexplore.org) page

Miscellaneous tools including videos and websites:

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

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

Community Food Waste Guide- Access the free resource [here](https://www.changefood.org).

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

USDA Tool Kit for Local Food [toolkit](https://www.usda.gov/food/toolkit)

[Better Than Ed](https://www.betterthaned.com)- Video series with Actor Ed Begley encouraging environmentally-friendly practices.

[EJSCREEN](https://www.ejscreen.org) is an environmental justice mapping and screening tool.

[Local Foods, Local Places Toolkit](https://www.localfoods.org) to help communities develop their own plans for setting and achieving local food and revitalization goals.

[Merlin Bird ID app](https://www.merlinbirdid.com) Bird id by song

[Archived EPA Climate Change Info.](https://www.epa.gov/climate-indicators)

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

[Guide to help schools reduce food waste](https://www.epa.gov/climate-indicators)

[Tool for Sourcing Local Meat](https://www.epa.gov/climate-indicators)

[Click here to watch the Know Your Food videos.](https://www.epa.gov/climate-indicators)

[iMATTER Youth Movement to Spark Change](https://www.imatter.org)

[Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement](https://www.epa.gov/climate-indicators)

[EWG's Guide to Healthy Cleaning.](https://www.epa.gov/climate-indicators)

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

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

[2018 Fuel Economy Guide](#)

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

[NOAA National Marine Sanctuary Webinar series](#)

[NOAA One Science Seminar Series](#)

[Green Restaurant sustainability tool](#)

[Mapping Climate Change.](#)

[Socially Responsible Investing and Banking](#)

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

[Promise of Biomimicry](#)

[Pollinators under Pressure](#)

[Recycle Right NY](#)- Resources and info on how to recycle and where you can recycle are shared.

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

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

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

AIA Buffalo Western NY

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

Air and Waste Management Association

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

Allegany Nature Pilgrimage

<http://alleganynaturepilgrimage.com/>

Alliance for the Great Lakes

www.greatlakes.org

American Planning Association-WNY Section/Upstate

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

Amherst State Park Arboretum

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

Aquarium of Niagara

www.aquariumofniagara.org

Asha Sanctuary for Rescued Farm Animals

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

Aurorans for Climate and Environmental Sense

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

AWARE-Assoc. for Wild Animal Rehabilitation & Education

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

Bergen Swamp Preservation Society

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

Birds on the Niagara

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

Black Rock Riverside Alliance

<https://brralliance.org/>

Bond Lake Environmental & Beautification Committee

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

Braddock Bay Bird Observatory

<http://braddockbaybirdobservatory.wordpress.com/>

Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Astronomical Association	http://buffaloastronomy.com/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloudubon.org
Buffalo Blueway	https://buffaloblueway.com/
Buffalo Central Terminal	https://buffalocentralterminal.org/
Buffalo Go Green	https://buffalogogreen.org/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	https://www.facebook.com/BuffaloF2S/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	https://buffalo-orienteering.org/
Buffalo Ornithological Society	https://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Buffalo Women of Env. Learning/Leadership (BWELL)	https://bwell.community/

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

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

Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Greater Buffalo Urban Growers Network	www.facebook.com/greaterbuffalourbangrowers
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Research Consortium	https://www.esf.edu/glrc/
Habitat for Humanity	https://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
Hope Rising Together	https://t1ol.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.nannearboretum.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/
NYS Association for Reduction, Reuse and Recycling	https://www.nysar3.org/

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

Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Pollinator Conservation Association	www.pollinatorconservationassociation.org/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	www.facebook.com/ThePrimateSanctuary
Providence Farm Collective	http://providencefarmcollective.org/
PUSH Blue	www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
Restore our Community Coalition	http://roccbuffalo.org/
Retree Western New York	https://re-treewny.org/
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	www.facebook.com/riseupforclimatejustice/
Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Secret Places of WNY	https://www.insiders-outside.com/events
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	www.facebook.com/groups/slowrollbuffalo/
South Buffalo Alive	www.facebook.com/South-Bufferalo-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/
Tiff Nature Preserve	http://www.tiff.org/tiff/
Tonawanda Creek Watershed Committee	www.facebook.com/TonawandaCreek/
Tuscarora Environmental Task Force	www.facebook.com/tuscaroraenvironment/
21 st Century Park on the Outer Harbor	www.facebook.com/21stCenturyParkOnTheOuterHarbor/
UB Engineers for a Sustainable World	https://www.facebook.com/groups/esw.ub/
UB Environmental Network	https://www.facebook.com/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.uli.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
US Fish and Wildlife, Northeast	https://www.fws.gov/about/region/northeast
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.org/
Western Chapter New York Water Environment Association	http://nywea.org/
WNY Native Plants Collaborative	https://www.wnynativeplants.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.wnyea.org
Western New York Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Herpetological Society	https://www.facebook.com/wnyherpsociety

Western New York Land Conservancy	https://www.wnylc.org/
WNY Mountain Bike Association	http://www.wnymba.org
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Permaculture	www.facebook.com/WNY-Permaculture-1098493876841295/
WNY Raptor Center	Wnyraptor.com
Western New York Science Teachers	http://www.westernstanys.com/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
WNY Peace Center Renewable Energy Task Force	https://www.wnypeace.org/
WNY Weather Society	www.facebook.com/amswnychapter
WNY Young Birders Club	https://www.wnyybc.org/events
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Spirit Education	http://www.wildspirit.org/
World on your Plate	https://www.facebook.com/worldonyourplate/