

Enviro-News

November, 2024

Sponsored by Daemen University's Global & Local Sustainability Department

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Articles:

Compost Pumpkin Options

This year's pumpkin collection is scheduled for 10 a.m. to 4 p.m. **Nov. 1 through 3** at several Erie County locations. Collection containers will be available in the parking lots of the Buffalo and Erie County Botanical Gardens, 2655 South Park Ave; The English Gardener, 4000 Harlem Road, Snyder; Erie County Compost Site, 11581 Walden Ave., Alden (this site only is also open Nov. 8 to 10); Groundwork Market Garden, 1698 Genesee St.; Lavocat's Family Greenhouse and Nursery, 8411 County Road, Clarence; Providence Farm Collective, 5701 Burton Road, Orchard Park; and Tripi's Landscaping, 3812 South Park Ave., Blasdell. From 10 a.m. to 1 p.m. on **Nov. 2**, Amherst will host a pumpkin drop off at both the Highway Department at 1301 N. Forest Road and behind Williamsville Village Hall, 5565 Main St. Pumpkins, jack-o-lanterns and gourds, including those that may already be decaying or rotting, will be accepted at all drop-off locations. Pumpkins should not be bleached or painted, and have candles or lanterns removed. No corn stalks or hay bales will be accepted. Noco is working with Erie County and Farmers Pirates Compost to compost the pumpkins. <https://www.buffalogardens.com/events/pumpkin-drop-off/>

Green Drinks

Join others for networking and fun at Green Drinks on **Thursday, November 14th** at 5:30pm at 42 North Brewing Company (downtown location), 674 Main St, Buffalo, NY 14202. The event is also listed on [Facebook](#) and on the [Green Drinks webpage](#).

2024 WNY Sustainable Business Summit

Registration for the 2024 Sustainable Business Summit on **November 14th** is open. The event will be held from 11am to 5:30pm at the Richardson Hotel, Buffalo. With the theme of "Translating Risk to Resilience", we'll explore how our region is uniquely positioned for growth through the innovations and conversations happening in our community. Registration and info [here](#).

Buffalo Solar-Powered Heritage Carousel Centennial Celebration

This year marks a significant milestone for the Buffalo Heritage Carousel, originally custom-designed and crafted at the Spillman Engineering Corporation of North Tonawanda in 1924. To celebrate its 100th birthday, we're going to **Party Like It's 1924!** Join us to celebrate our past, present, and future with an evening of music, dancing & celebration on **November 16th** beginning at 6:30pm at The Twentieth Century Club, 595 Delaware Ave. Proceeds support the ongoing mission of the Solar-Powered Buffalo Heritage Carousel to educate and inspire while providing affordable and accessible rides to the Western New York community and beyond. [Purchase Tickets Here](#)

Open Buffalo Climate Change and Environmental Justice Symposium

Open Buffalo is hosting a symposium on **Saturday, November 16** dedicated to addressing the most pressing environmental and climate issues of our time. The event is from 10am to 2pm at 683 Northland Ave, Buffalo, NY 14211 (Northland Workforce Training Center). Engage with leading experts and activists in the fight against climate change, explore innovative solutions that promote environmental justice for all communities and collaborate with like-minded individuals who are passionate about co-creating a more environmentally just and sustainable East Side of Buffalo. Event partners will have an opportunity to set up a table to engage over 250 people in your services and opportunities. To be a partner is **free** of charge but, we kindly ask that you bring your time AND talent by assisting in getting the word out in the community and helping. [Info](#).

Upcoming Waste/Paint/Electronics Collections

City of Buffalo Paper Shredding and Clothing Collection event on **November 16** from 9am to noon at JFK Park, 363 Clinton St. Shredding is for household papers. Junk mail, magazines and catalogs should be put directly into recycling bins. For info, visit www.buffalorecycles.org

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.

Wildlife Rehabilitation Course

Learn how to lend wildlife a helping hand and provide proper emergency treatment to injured, orphaned, and distressed wildlife living in your community. Hawk Creek's Wildlife Rehabilitation Course on **November 2 and 3** is an intensive eight hour learning experience (12-4pm each day) taught by licensed wildlife rehabilitators sharing over 30 years of experience, up-to-date technical information, and incredible stories. Course is open to adults, (recommended) 16 years of age and older preparing to take the NYSDEC wildlife rehabilitation exam or just interested in expanding their knowledge. Pre-registration is required. \$100 per person. Hawk Creek is located at 1963 Mill Rd., West Falls. [Learn More & Register](#)

Volunteer Orientation for Colored Girls Bike Too

Colored Girls Bike Too (CGBT) will be hosting a Volunteer Orientation on **November 9th, 2024** and **January 4th, 2025**. This is an opportunity for passionate individuals to engage with their mission focused on advancing racial, healing, and mobility justice through the transformative power of the bike. You can [learn more and apply to be a volunteer here](#).

WNY PRISM Fall Newsletter Released

In this edition, learn about the importance of native plant restoration and get some tips to help your efforts succeed; read our invasive species profile on red swamp crayfish, an early detection, priority species in our region; check out our partner spotlight featuring New York State Parks, Recreation and Historic Preservation and their work on emerald ash borer biocontrol; and discover how you can harness technology for environmental stewardship! [Click here to view](#)

Centennial Challenge

2024 is a special year for all of us here at New York State Parks as it marks our 100-year anniversary of the creation of the state park system. We encourage you to get out and celebrate with us by completing the Centennial Challenge! The goal is to complete 24 out of 100 challenges to earn a commemorative Centennial prize as well as an entry into a random drawing for 1 of 24 three-year Empire Passes and a Centennial swag bag! For more information on the Centennial Challenge, click [here](#). Challenge submissions will be accepted until **January 10, 2025**.

Erie County Forest Management Plan Update Survey

The Erie County Bureau of Forestry is seeking public and stakeholder input as they update the 2003 Erie County Forest Management Plan. [Click here to learn more and participate in the survey.](#)

Applications for New Community or Schools Gardens for 2025

[Grassroots Gardens WNY](#) is [taking applications now](#) for people who want to create new community gardens or school gardens in 2025. Currently Grassroots Gardens WNY is considering only community gardens and school gardens located in the cities of Buffalo or Niagara Falls, NY. However, if you are a school in one of their nearby suburbs, Grassroots Gardens WNY may be able to support you in 2025. Priority is given to gardens in neighborhoods lacking grocery stores, green spaces, and other access to healthy food. In order to start a new garden through their network, you must have a minimum of five committed community members for five years willing to care for the garden, and have identified a private lot with landowner consent or a publicly-owned city lot. The [gardener policies document](#) will answer many questions you may have. Here are the applications for a [community garden](#) and for a [school garden](#). For more information, contact Grassroots Gardens WNY at 716-783-9653 or grgbuffalo@gmail.com. The deadline for applying is **Saturday, Nov. 30**.

2025 Rain Barrel Painting Contest

The Erie County Department of Environment & Planning (DEP) is pleased to announce the 2025 Rain Barrel Painting Contest for schools and student-based groups in Erie and Niagara Counties in honor of Earth Day 2025! All are encouraged to enter as a team either through a class or an after-school program (ex. Scouts, 4H, etc.). The team will design and paint a plastic rain barrel (provided by DEP) for a theme focused on stormwater pollution prevention and/or re-using rainwater. Rain barrels must reflect the theme to be considered for an award. [Click here to learn more about stormwater pollution prevention.](#)

Please [register ASAP](#) to participate in the contest. There are limited spots and the contest fills up quickly. All participating schools will retain their final painted rain barrel to use, donate or raffle as desired.

Bring “Buffalo Niagara’s Climate Challenge” Game to Community Meetings

This winter and spring, University at Buffalo Regional Institute will bring the community engagement game debuted at their recent climate action symposium to group settings across the region. The game helps to build understanding about actions we can take to reduce emissions and is a key means by which we'll incorporate feedback from the community into the [One Region for Climate Action Comprehensive Climate Action Plan](#). If you have a committee, community organization, classroom, or any other group you think would like to engage with this activity, [Sign Up Here](#)

STAMP Updates and Indigenous Solidarity

STAMP is the Science, Technology and Advanced Manufacturing Park, a development in Genesee County created to encourage businesses with green energy and smart solutions. From its initial plans, several companies have stepped away from building at the commercial site. The STAMP facility has been controversial due to its need for infrastructure and impact on sensitive wetlands and on the border of the federally recognized Tonawanda Seneca Nation. A recent analysis suggests that the project will require up to 6 million gallons of water per day. Currently, the entire county uses 6-8 million gallons per day without this facility. There is now interest in locating at STAMP by an energy-intensive data center.

Peanut Line Trail Feasibility Study

The Peanut Line corridor was named as a priority corridor in Bike Buffalo Niagara, the [Bike Buffalo Niagara: Regional Bike Master Plan in 2020](#), as both a recreational amenity and regional connectivity between the Clarence Pathway and Ellicott Creek Trails. To explore the potential for a future trail connection along the corridor, the Greater Buffalo-Niagara Regional Transportation Council (GBNRTC) is conducting a feasibility study for the Peanut Line in coordination with the Town of Amherst. [Take the survey.](#)

Phase 1B Contract for West Valley Cleanup Awarded

The U.S. Department of Energy (DOE) [Office of Environmental Management](#) (EM) awarded the [West Valley Demonstration Project](#) (WVDP) Phase 1B Contract to West Valley Cleanup Alliance LLC (WVCA) with work to be performed at the WVDP in western New York. The contract includes requirements for meaningful work to be performed by small business. Work to be performed under the new WVDP Phase 1B contract will include, but not be limited to, the demolition of remaining near- and below-grade components of the Main Plant Process Building; additional facility deactivation and demolition; contaminated soils remediation and disposition; waste management and legacy waste disposition; safeguards and security; environmental monitoring; surveillance and maintenance; and program support activities.

For more than 30 years, EM has remained focused on addressing the environmental legacy of nuclear weapons development and nuclear energy research that helped end World War II, win the Cold War and position the United States as a leader in clean nuclear energy. Collectively, EM is delivering results that are protecting the environment, supporting communities and enabling a concerted focus on safely completing the mission sooner and more efficiently.

Click [here](#) for additional information regarding the project.

Resources for Municipalities or Investors for Composting

The US Composting Council's [Target Organics Resource Hub](#) is a powerful set of planning and information tool for small and large scale composting.

Free Urban Agriculture Courses

The [Urban Ag project](#) has partnered with [USDA-AMS Marketing Services Division](#) and [Rooted](#), the Madison, WI-based center for urban agriculture enterprise and education, to collaborate and develop classes for commercial urban agriculturists, city planners, and policymakers. A suite of urban agriculture courses for free until January, to provide critical information for building or supporting successful urban farms. Learn more and [enroll today](#) on our Teachable online school.

Seagull: Connecting people to the Great Lakes

The Great Lakes Observing System (GLOS) is a nonprofit that provides data science, policy, and management support to the U.S. and Canada. Last year, they released [Seagull](#), a slick data platform that brings real-time weather and water data to users. Seagull offers live conditions, lake trend information, and forecast models.

New Forest Health Diagnostic Lab Reporting Form Available!

Have a sick tree in your yard? Snapped a picture of a mystery insect you think could be invasive? [DEC's Forest Health Diagnostic Lab](#) is here to help you diagnose and identify tree diseases and potentially invasive insects. We're excited to announce a new [reporting form](#) which makes it easier and quicker than ever to submit your diagnostic requests. Check it out!

Funding for Private Landowners to Grow the Forests of the Future

The purpose of this grant program is to support the regeneration of forests so they may continue to deliver vital services such as mitigating climate change, protecting air and water quality, and supporting the economy. Young forests in New York face many challenges today that did not exist a century ago, the most significant being wide-spread damage caused by increased white-tailed deer populations and competition from invasive vegetation. Active management of the land is essential to ensure the survival of young trees and allow forests to become established or renew themselves, but this can be overwhelming and expensive. Through Regenerate NY, landowners can apply for financial assistance for projects on their land that support the establishment and renewal of healthy forests. This is a cost share reimbursement program, so all costs must be incurred by the landowner or fiscal sponsor before they can be reimbursed. More information for applicants, including further details on each of the sections below, can be found in the [Request for Applications \(RFA\)](#). Deadline for applications is **November 6**.

Web-Based Map of Accessible Recreation Features Now Available

DEC recently launched an [Accessible Recreation Destinations Map](#) designed to showcase wheelchair-accessible features at education centers, campgrounds and day use areas, Wildlife Management Areas, state forests, and waterway access sites. The Accessible Recreation Destinations Map displays 266 destinations across New York State with wheelchair accessible outdoor recreation opportunities.

Concrete Made with Coffee: a Buzz in Australia

"Coffee concrete," which contains biochar made from spent coffee grounds as a replacement for river sand, has been used in a major infrastructure project in Pakenham, Australia. Researchers say the novel material for the project has diverted 140,000 coffees worth of grounds from reaching a landfill while saving more than 3 metric tons of sand. Read [more](#).

Funding for Clean Energy Business Interns

NYSERDA has revised [PON 4000: the New York State Clean Energy Internship Program](#), which provides funding to eligible clean energy businesses, organizations, and local municipalities to hire interns to perform meaningful work in the clean energy sector. Both clean energy businesses and intern candidates can apply to participate in the program. Accepted businesses will select, interview, and hire interns, and NYSERDA provides reimbursement on a percentage of the interns' wages.

Municipal Zoning Ordinance Resources on Community Composting

Natural Resources Defense Council and the Environmental Law Institute released a Model Municipal Zoning Ordinance on Community Composting. This is a template ordinance to help advance community composting by establishing it as an allowable use of land under a municipality's zoning code. Learn more at: [Model Municipal Zoning Ordinance on Community Composting \(PDF\)](#).

WNY Food Systems Map

Explore our region's food systems through stories and maps. This mapping and stories website was built by the [Food Systems Planning & Healthy Communities Lab](#) at the University at Buffalo, in support of [Food Future Western NY](#), a food systems assessment and planning initiative for the nine counties of Western New York. The assessment and planning initiative took place over 18 months, and brought together business, non-profit, government, and community stakeholders to create a cross-county, cross-domain vision and action plan. [Check out the map](#).

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. Please contact the instructor Lorne directly with any questions at info@leadinggreen.com

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!

Environmental Issue: 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).

Open Air Capture of Carbon Dioxide

Today's carbon capture technologies work well only for concentrated sources of carbon, such as power plant exhaust. The same methods cannot efficiently capture carbon dioxide from ambient air, where concentrations are hundreds of times lower than in flue gases. Yet direct air capture, or DAC, would reverse the rise of CO₂ levels, now 426 parts per million (ppm), 50% higher than levels before the Industrial Revolution. Without DAC, according to the Intergovernmental Panel on Climate Change, we won't reach humanity's goal of limiting warming to 1.5 °C (2.7 °F) above preexisting global averages.

Chemists at the University of California, Berkeley have developed a new type of absorbing material which could help get the world to negative emissions. The porous material, a covalent organic framework (COF), captures CO₂ from ambient air without degradation by water or other contaminants, one of the limitations of existing DAC technologies. The new material could be substituted easily into carbon capture systems already deployed or being piloted to remove CO₂ from refinery emissions and capture atmospheric CO₂ for storage underground. Read [more](#)

White Paper Release: The Circular Construction Economy in New York State and Beyond

Cornell University's Circular Construction Lab and Just Places Lab, and [CROWD](#) recently announced the publication of a white paper, "Constructing a Circular Economy in New York State: Deconstruction and Building Material Reuse."

The white paper envisions a transition from a linear construction economy based on a take-make-dispose model, to a circular construction economy focused on reduction, reuse, and recycling. It provides an analysis of the current linear construction economy, recommendations for how New York State can reduce waste from the built environment, and the potential benefits including increased revenue, green jobs, and reduction of greenhouse gas emissions. Read it [here](#).

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.

Free Course: Small Business Sustainability Tactics

Do you have a small business or want to integrate more sustainability tactics in a larger business. Take this free self-paced course (approx. 2 hours) which will introduce you to various options that will help you build a sustainability plan that can help your business reduce its carbon footprint, strengthen connections with employees, and invest in your community. [Register](#).

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. Full program rules and procedures, additional information about the program, and lists of eligible EV charging equipment can be found at nyserda.ny.gov/Charge-Ready-NY.

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.

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>.

Free Access to Parks, Campgrounds, and More for Veterans and Gold Star Families

New York State veterans and Gold Star Families will have free access to New York State parks, campgrounds, day use areas, historic sites and recreations through the expansion of the Lifetime Liberty Pass Program. A disability rating is no longer required, and all Veterans and certain Gold Star Family members who are residents of New York State are now eligible for this pass. [Apply for the pass](#).

Help Prevent Rabbit Hemorrhagic Disease from Harming New York's Rabbits and Hares

Rabbit Hemorrhagic Disease (RHD) is a fatal virus that affects rabbits and hares. A new strain, RHDV2, jumped to wild rabbits and hares in 2020 in the southwestern U.S., where it spread to six states within four months. The virus can infect wild rabbits and hares in addition to domestic rabbits. RHDV2 is extremely hardy, easily transmitted, and highly lethal to rabbits and hares. It does not infect humans or other animals like dogs or cats. RHDV2 spreads easily through direct contact between rabbits or contact with contaminated environments or objects. The most likely routes of introduction to New York are through transported domestic rabbits, internationally imported rabbit products, or people who travel to outbreak areas in the Southwest. Read the [RHDV2 factsheet \(PDF\)](#) to learn more about how it spreads, ways to prevent it, and what you can do to help.

Buffalo Zoo's Ongoing Amphibian Conservation

Along with the Puerto Rican Crested Toad Conservancy (PRCTC), the Buffalo Zoo oversaw breeding toads that produced over 200 tadpoles this year, the 40th year that the zoo has participated. Those tadpoles have since made it to Puerto Rico, where they will be acclimated in man-made ponds and monitored until they metamorphose and disperse. Puerto Rican crested toads are considered endangered and through projects with other partners, over 795,000 tadpoles have been released. The Puerto Rican crested toad became the first amphibian Species Survival Plan program under the Association of Zoos and Aquariums in 1984. That same year, the Buffalo Zoo was one of the first zoos to propagate the species. The Puerto Rican crested toad SSP program became the Puerto Rican Crested Toad Conservancy in 2021, and currently, 18 institutions participate in reintroduction efforts.

No Guts, No Glory

Are you a deer hunter or know someone who is? DEC is expanding our "[Nonlead Ammunition for Eagle Conservation](#)" project during the 2024-25 deer season. The biggest change for this season is that all licensed deer hunters are eligible anywhere in the state where hunting with a firearm is legal. Like last year, we are collecting data on scavenging rates and dynamics at gut piles of harvested deer including how long it takes for scavengers to find them, how long gut piles persist, and differences based on habitat and location. If you are a deer hunter or know deer hunters who would be willing to volunteer to assess "gut pile ecology" please [sign up to participate](#).

Free Building Electrification Training

NYSERDA is offering [FREE online Building Electrification Training](#) through the Steven Winter Associates' SWA Academy, a user-paced learning platform. There are three standalone courses on topics related to the electrification of space heating in residential buildings.

Cancer-Causing Chemicals in Dogs

Keep your pets (and yourself) safe by avoiding some chemical use in your home and on your grounds. Check out the video https://www.youtube.com/watch?v=hexJtt_FtTE for a veterinarian's discussion of these hazards.

Opportunities for Ecological Restoration on the Voluntary Carbon Market

Climate leaders are integrating ecological restoration into net-zero strategies. A Carbon Direct report, in collaboration with Meta, aligns these goals with market demands, offering guidance for developers on best practices and market strategies to boost demand for projects that maximize climate and ecological benefits. [DOWNLOAD](#)

Reducing Corporate Greenhouse Gas Emissions: A Guide to Scope 1, 2 and 3 Emissions

As public awareness grows around the issue of greenhouse gas (GHG) emissions, corporations are looking to reduce their carbon footprint and lessen their emissions impacts. Constellation's white paper, "Reducing Corporate Greenhouse Gas Emissions: A Guide to Scope 1, 2 and 3 Emissions" can help kickstart these efforts. [Free download here.](#)

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.

The 2024 I BIRD NY Challenge is Wrapping Up!

Did you take the 2024 I BIRD NY Challenge? Don't forget to mail in your completed log! Head to IBIRDNY.org for a link to the [online Challenge Log](#), or download an [I BIRD NY Challenge Form](#) (PDF), (Also available in [Spanish](#) (PDF)!) Complete and submit the forms by **November 15**. All participants who complete the challenge will receive the commemorative patch featuring an American Kestrel and can download a completion certificate. Participants who successfully complete the challenge may also be entered into a drawing for great birding prizes!

New to birding and not sure where to start? You can also download the I BIRD NY: Beginner's Guide to Birding in [English](#) (PDF) or [Spanish](#) (PDF). We also have a handy map to find a [New York State Birding Trail](#) Site near you.

WaterFALL Challenge

Welcome to the 1st Annual Western New York [WaterFALL Challenge](#) brought to you by Outside Chronicles. The sound and sight of moving water calms the mind and fills the spirit. This challenge will help you discover the unique waterfalls of Western New York. We also want to give back to the outdoors and have [donated over \\$325,000 to great organizations](#). We aim to promote outdoor activities and help people appreciate our region's natural beauty. Participants need to earn 25 points by **December 1** to receive a finisher patch, sticker, and bragging rights.

2025 Farming Incubator Program Applications Now Open!

Do you have farming experience and dream of launching your own farm business but cannot access farmland? Providence Farm Collective is now accepting applications for our 2025 Incubator Program. Be part of a supportive community and grow with us! [Learn more.](#)

Get Ready for Plastic Free Lunch Day

From November 18 to November 22, 2024, schools can join the movement for any duration of the week to encourage reduced use of single-use plastics at lunch. Annually, school cafeterias provide well over 7 billion meals using single-use plastics. [Plastic Free Lunch Day](#) (PFLD) aims to inspire schools to ditch single-use plastics! Typically, local recycling facilities cannot process certain single-use plastics such as utensils and straws. The equipment in many recycling facilities cannot capture some of these plastic items, because the items are too small. As a result, small single-use plastics usually end up in landfills, waste combustion facilities, or can also end up as litter in the environment if the items are not properly disposed of. Plastic Free Lunch Day can be initiated at any time, but the week of November 18-22 serves as an eye opener for schools to recognize their environmental impact and work towards a positive change!

There are many ways to participate and promote plastic free initiatives:

- All schools that are preparing for PFLD and inspire action before October 1, 2024, can host a [free screening](#) of students' award-winning film, [Microplastic Madness!](#)
- Do an easy [Single-use Plastic Search](#) in your cafeteria with a follow-up [lesson plan!](#)
- Want to take things a step further? Another idea would be to look at all single-use and disposable items no matter what material they're made of and work towards reduction and reuse wherever possible.
- Can't participate this year? Plan for next year and [learn more about making a plastic-free plan.](#)

The Climate Education Policy Toolkit Is Now Available!

Regardless of your role, the resources within this Toolkit are designed to help you navigate the dynamic nature of state and local climate education policy, instigating change in a way that is tailored to suit your specific political landscape.

[Access the Climate Education Toolkit](#)

Teacher's and Home-Schooling Resources

[NOAA's updated coral bleaching module.](#) New data visualization tools and an updated design make this resource more engaging than ever. With access to a range of historic and current data, you'll discover what's happening to coral reefs and how they're impacted by climate change. Perfect for sparking curiosity and building science skills!

[Crossword activity focused on endangered animals.](#) -Have students complete the puzzle and then read about one of the animals detailed in the puzzle to learn more about it.

[Effects of Climate Change on Agriculture](#) explores how changes in temperature, invasive species, and extreme weather events influenced by climate change will all impact growing food and raising livestock in North America. These lessons are great for 6th-12th grade students and follow Common Core State Standards.

["Invasive Shrimp: No Small Matter"](#) introduces students to human impacts on ecosystems by discussing introduced versus invasive species, movement of aquatic species through global shipping channels, and methods scientists use to track species across the globe. Students will work in groups to track the movement of invasive Oriental grass shrimp (*Palaemon macrodactylus*) over time using the Global Biodiversity Information Facility (GBIF) database. Students will then use collection data to graph records by year and answer a series of questions.

[Biodiversity lesson plan](#) encourages students to explore biodiversity, including what it is, how human activities are putting it at risk, and what we can do to protect it. Students discover the wide array of organisms that populate our planet, research one of the almost one million species currently at risk, explore the diversity of life in their own backyard, and learn what they can do to lessen human impact on biodiversity. The lesson integrates STEM, English Language Arts, and Social and Emotional Learning.

[Schoolyard Habitats® campaign](#) and action cards allow students to learn about the habitat elements needed for wildlife to thrive while increasing native habitat and biodiversity. Plus, the school will gain an outdoor space for learning, support physical and mental well-being, and expand the community's green space. The new action cards provide the road map and resources for schools to complete the process from start to finish

[The Nature Conservancy: Nature Lab Virtual Field Trips](#)-These virtual labs from TNC include videos, teacher guides, and student activities for ages 9-15 on topics from Colombia's páramo ecosystem to the secret life of corals.

[The Bee Conservancy: Classroom Resources](#)- inspire environmental stewardship, instill actionable knowledge about the world's 20,000 bee species, introduce factors that contribute to bee population decline, and describe kid-friendly ways to build habitat and food supplies that support bees.

[Food Solutions: Climate Change Action for K-2](#) focuses on food and climate, written by and for elementary educators!

[Facilitate Authentic Science Investigations with *Students as Scientists*](#)-*Nature-based Inquiry* unit guides your students through the full range of science practices, from asking their own questions to designing and carrying out studies to answer them. Choose the unit for your grade-band (K-5 or 6-12) and immediately gain access to 6 lessons and supporting resources.

[Garden to Table](#) -curriculum around growing food.

[Additional resources](#)

Contests, Fellowships and Awards

[Rising Leaders Fellowship 2025](#) - Supports early to midlevel individuals in the outdoor/environmental and environmental justice sector. Deadline: **November 25**.

[2025 Green Chemistry Challenge Awards](#)-The U.S. Environmental Protection Agency (EPA) is now accepting nominations for the 2025 Green Chemistry Challenge Awards from companies or institutions that have developed a new green chemistry process or product that helps protect human health and the environment. EPA's efforts to speed the adoption of this revolutionary and diverse discipline have led to significant environmental benefits, innovation and a strengthened economy. The awards program highlights green chemistry that helps prevent pollution before it is even created, making it a preferred approach for providing solutions to some of the nation's most significant environmental challenges. EPA is announcing an [informational webinar](#) to be held on Wednesday, Oct. 9, 2024, from 2-3 p.m. ET, to educate stakeholders on the Green Chemistry Challenge Awards and the nomination process. Nominations are due to EPA by **Dec. 13, 2024**.

[World of 8 Billion student video contest](#) has opened for the 2024–2025 school year. The contest challenges students to create a short video connecting world population growth to one of three global topics—Child Wellbeing, Rainforest Ecosystems, and Sanitation—and offer a sustainable solution. More than 80 cash prizes of up to \$1,200 will be awarded, and participating teachers will receive free curriculum resources matched to the NGSS. The deadline for video submissions is **March 5, 2025**.

[Monthly Buffalo Blueway photo contest](#)! All you have to do is visit one of the amazing public [Blueway sites around the Buffalo River](#), take a photo and upload it in the form below with a brief description. One entry per month. Our staff will pick our favorite and send that person a Buffalo Niagara Waterkeeper themed swag item. Each month we'll share some of the top images online with our followers and provide an image credit.

Grant and Scholarship Opportunities

[Behavior Change for Climate Action Challenge 2024](#)- 4 nonprofits will be selected. Each will receive: 1) free technical assistance to learn how to apply behavior change for climate action from the CBC; 2) funds to apply behavior change to an existing or new climate action project. The application is just 3 pages, and the **deadline is Nov. 1, 2024**.

[NOAA Fisheries Citizen Science Grant Opportunity](#) - for citizen science projects that help improve stock assessments or contribute to our understanding of how our fisheries and fishing communities may be impacted by changing environmental conditions. Deadline: **November 4, 2024 at 11:59 p.m. ET**.

[World of 8 Billion will award teachers with mini-grants](#) of \$100–\$500 to support educators who need additional resources to teach the contest in their classroom. **Applications are due by November 15, 2024**.

[The Fashion Innovation Center \(FIC\)](#)-grants aimed at supporting startups, small businesses, farmers, researchers, and individuals working on the development of textile fiber-related products and technologies. Each applicant can request up to \$10,000 in funding. This opportunity seeks to expand the use of renewable animal, plant, and biomanufactured fibers in the fashion industry and bolster a resilient farm-to-fashion ecosystem throughout New York State, fostering innovation and sustainability in the sector. Deadline: **November 15**.

[Community Change Grants](#)- EPA funding to support community-driven projects that build capacity for communities to tackle environmental and climate justice challenges, strengthen their climate resilience, and advance clean energy. Deadline: **November 21, 2024**.

[Water Resources Research](#)-The New York State Water Resources Institute (WRI) and the New York State Department of Environmental Conservation invite you to submit pre-proposals for applied research, outreach, and policy analysis to WRI in support of WRI's statewide water resource research and outreach agenda, and the state's watershed action agenda goals. Pre-proposals due: **November 22**.

[Organic Farming Research Foundation's Farmer-Led Trials Program](#)-This program provides farmers with technical assistance and \$1,500 to investigate and learn about solutions to their most pressing production challenges. This program will provide support for on-farm learning trials aimed at testing new practices, inputs, varieties, or animal breeds that can improve profitability and environmental sustainability. Applications are due by **December 1, 2024**.

[New York State Regional School Food Infrastructure Grant Program](#)-Funding from the program will go toward projects that encourage the use of fresh New York State farm products in meal preparation for K-12 school children, reduce food insecurity, increase market opportunities for New York State producers, and strengthen the resiliency of the state's food system. Deadline: **December 5, 2024**.

[SNAP-Ed Community Growers Grant Program](#)-Community-led growing spaces are collaborative projects on shared open space that produce healthy and affordable fresh fruits and vegetables for local community consumption. This funding aims to support garden-based nutrition education and food production in Supplemental Nutrition Assistance Program (SNAP) eligible communities to increase the production and consumption of healthy and fresh food. Deadline: **December 6**.

[FACT Fund-a-Farmer Grants](#)-Food Animal Concerns Trust (FACT) is offering Fund-a-Farmer Welfare Improvement Grants up to \$3,000 and one Systems Change and Innovation Grant up to \$10,000. These grants support farms in improving the lives of their animals, in seeking or maintaining animal welfare certification, or in marketing certified products. Deadline: **December 8, 2024**.

[2024 Microelectronics Innovation Challenge](#): As part of the Jeff Lawrence Innovation Fund, and in partnership with the U.S. Department of Defense, FuzeHub will administer a Microelectronics Challenge. Up to \$180,000 in funding is available. Applications will open **Friday, November 15 and close on Monday, December 16 at 11:59PM EST**.

[Consumer Recycling Education and Outreach Grant Program](#)- EPA is focusing on preventing the generation of wasted food and increasing its recycling through composting. The program will fund one cooperative agreement that includes developing and implementing a national consumer wasted food reduction campaign, expanding the market for and sales of compost, and increasing education and outreach to households on composting. Deadline: **December 20**.

[NSF: Advancing Informal STEM \(AISL\) Learning](#)- is committed to funding research and practice with a continued focus on investigating a range of informal STEM learning experiences and environments that make lifelong learning a reality. The AISL Program funds five different types of projects: synthesis, conference, partnership development and planning, integrating research and practice, and research in support of wide-reaching public engagement with STEM. Applications are due by **January 8, 2025**.

[Community Environmental Education Center Grants in Communities](#)- \$7 million in competitive grant funding for community based, not-for-profits and Tribal Organizations that will implement the support of new construction or renovation of a facility to create a Community Environmental Education Center. Center should inspire exploration, discovery, and learning about the community's environment. Eligible projects must be located within or serve a Disadvantaged Community (DAC) and/or an Environmental Justice (EJ) Community. Deadline: **January 22, 2025**.

[Air Quality Mitigation Grant Opportunity](#)- Projects should focus on mitigation strategies that reduce air pollution in their communities with a goal of evaluating the projects' effectiveness so that successful strategies can be replicated in other communities across the State. Deadline: **3 p.m. on January 29, 2025**.

[Critical Material Innovation, Efficiency and Alternatives](#)-designed to conduct a program of research, development, demonstration, and commercialization to develop alternatives to critical materials, to promote their efficient production and use, and ensure a long-term secure and sustainable supply of them. **Rolling until funding allocation**.

[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. 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**.

[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**.

[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). **Rolling**

[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**.

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

[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 supermarkets, restaurants, and hospitals. Deadline: **Rolling**.

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

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

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

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

[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

[Facilitator of Learning](#)- Tift Nature Preserve

[Preserve Ranger](#) - Tift Nature Preserve

[Operations Director](#)- Massachusetts Avenue Project. Deadline: **November 8**.

[Mobile Markets Director](#)- Massachusetts Avenue Project. Deadline: **November 15**.

[Associate Director of Development](#): The Nature Conservancy, Buffalo.

[Water Quality Technician](#): Erie County Soil & Water Conservation District. Deadline: **October 25 or until filled**.

[Farm Manager](#)- Providence Farm Collective

[Farm Equipment and Facilities Manager](#)- Providence Farm Collective

[Produce Packing Coordinator and Delivery Driver](#)- FreshFix is a small business working with local farms.

[Communications Coordinator](#)-Buffalo Niagara Heritage Village.

[SNAP-Ed Nutritionist](#)- Cornell Cooperative Extension of Niagara County has an opening for full-time SNAP-Ed Nutritionists working 37.5 hours per week from the Lockport and/or Niagara Falls, NY office.

[Director of Zoological Operations](#)- Aquarium of Niagara.

[Aquarist I](#)- Aquarium of Niagara.

[Aquarist II](#)- Aquarium of Niagara.

[Senior Environmental Engineer](#) >- Rochester, Open until filled.

[Annual Giving Manager](#)- Erie County SPCA

[Community Support Services Consultant](#)-Erie County SPCA

[Grant Writer](#)-Erie County SPCA

[2024 Natural Resource Technician: Niagara County Soil and Water](#)

[Environmental Monitor: Stohl Environmental](#)-multiple positions

[Marketing and Communications Coordinator: Buffalo Central Terminal](#)- Until filled.

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

[Midwestern Regional Climate Center](#) -Paid summer internships for 2025

[Paid White House Internships](#)- numerous council opportunities, varied deadlines.

[Sustainability Intern: Gibraltar Steel](#)

[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

[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.

[Record Your Squirrel Observations](#)-People of all ages are encouraged to contribute to Project Squirrel, a citizen science project that has been operating since 1997. Join Project Squirrel by recording squirrel observations, sharing squirrel stories, sharing squirrel photos, or contributing data to an experiment using food patches.

[Other Citizen Science Programs](#)

<https://www.neefusa.org/story/environmental-education/how-participate-citizen-science-all-year-long>

Upcoming Community Activities:

Friday, November 1

Buffalo Geological Society Monthly Meeting - 7pm at Heritage Discovery Center, 100 Lee Street, Buffalo, NY. Guest speaker, Scott McKenzie on *Dinosaur Secrets*. New theories on how they looked and lived. The new evidence that T. Rex had feathers and horns. Could the giant long neck dinosaurs swim? Ankylosaur anomalies and other dinosaur mysteries! Scott McKenzie is a semi-retired paleontologist from Mercyhurst University in Erie. He is an award winning instructor with over 70 scientific publications. Fossils he has found are now at the Carnegie Museum, the Smithsonian, Buffalo Museum of Science and the London Natural History Museum.

Intro to Native Plants- 1 to 2pm at City of Tonawanda Library, 333 Main St., Tonawanda. Habitat loss from destruction, fragmentation and degradation is a threat to the native flora and fauna. Gardeners in urban, suburban and rural residential communities are uniquely suited to providing pockets of biodiversity to provide long term environmental sustainability. Native varieties of plants, bushes and trees -locally sourced, provide the best chances for success. Instructor: Dr. Kathleen Contrino, Owner/Operator of CW Native Plant Farm. This program is for those ages 55 and up. Registration is required, please call 693-5043, or stop by to register!

What's Bugging You: Tick Blitz Results, No Spray Needed-12:00 pm – 12:30 pm. What's Bugging You First Friday is a monthly virtual series that explores 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. IPM is a holistic approach that uses different tools and practices to not only reduce pest problems, but to also address the reasons why pests are present. Each month, speakers will share practical information about how you can use IPM to address common pest problems. Register [here](#).

Friday Morning Birding: Beaver Meadow- 8:00 to 9:30 AM. Meet outside Nature Center. Join us for weekly birding with Buffalo Audubon Senior Naturalist Tom Kerr. Each week will highlight the seasonal birds at Beaver Meadow. Binoculars available. Buffalo Audubon Members – Free, General Admission - \$10.00, [Register Here](#)

Goat Island Sunset Saunter-5:00 PM - 06:30 PM at [Niagara Falls State Park](#). Enjoy a leisurely walk around Goat Island during golden hour for spectacular views of the Falls and later the illumination! Registration required at [Eventbrite.com](#).

Saturday, November 2

Changing Seasons Walk-10am. As daylight savings comes to an end, we'll take a walk through the woods and discuss how animals and plants adjust to the changing weather. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Fall Gardening Workshop: Herbal Remedy Making-12:00 - 2:00 pm at Massachusetts Avenue Project, 387 Massachusetts Ave, Buffalo, NY 14213, USA. Link to sign up: <https://www.grassrootsgardens.org/workshops>

Ecological Renovation Tour-Tifft Nature Preserve from 10 a.m. - 12 p.m. Tifft Nature Preserve provides guests with an immersion in nature. Enjoy a behind-the-scenes tour of how this is made possible through unique and innovative ecological renovation projects. We will explore projects along the trails, such as diverse native plantings, invasive species removal, and the preservation of our woodland and wetland habitats. [Register](#).

Tool Library's Service Day-10am @ McCarthy Park Tree Planting (308 E. Amherst Street, Buffalo, NY 14215). Join The Tool Library and community partners for a whole calendar of service events taking place in across Buffalo this fall. From planting trees and improving parks to fighting blight and growing gardens, there are lots of ways to make a positive impact in your community. [Sign up here.](#)

Meet Your Mulch-Join Master Gardener volunteers at 10 am on the first Saturday of each month as they teach about various gardening topics. All classes will be held in the Education Center at Orleans County Cooperative Extension. Class size is limited and pre-registration is required. Suggested donation: \$5 per class. Register by calling 585-798-4265 or emailing klo54@cornell.edu.

Veterans Day & Marine Corps Birthday Celebration- 9:00 AM to 2:00 PM, Beaver Meadow Nature Center. Buffalo Audubon is inviting all Veterans, active duty service members, and their families to a Veterans Day Celebration at Beaver Meadow for hike, tour, lunch and ceremony (hike optional). Free for Veterans Active Duty Service Members, and their Families. [Register Here](#)

Preparing for Winter-10:00am-12:30pm. WM Nature Preserve, Chaffee. Spend a fall day with an Earth Spirit Naturalist at a beautiful preserve on the prowl for wildlife and their sign as you learn how they are preparing for the winter! During this program we will also compile wildlife data as a part of an ongoing wildlife survey of the preserve. Please dress appropriately for the weather. [Register](#)

Woods Walk: Your Favorite Things-1pm. Come and share what you like best about Reinstein Woods as we walk the trails together. No registration required. Reinstein Woods Nature Preserve.

Guided Hike WNY Hiking Challenge Trail - 9:00 AM - 11:00 AM. Meet outside Nature Center. Join us for a guided hike of the WNY Hiking Challenge Trail at Beaver Meadow Nature Center! We'll meet outside the center and set off for the trails at 9:00 AM. [Register.](#)

Owl Prowl: North Tonawanda Preserve-8:00 PM to 9:30 PM. Meet at the Corner of Raymond Ave and Birch St. Join Buffalo Audubon Senior Naturalist Tom Kerr for a nocturnal search for the Eastern Screech-owls that live in North Tonawanda's Klydell Wetlands. Waterproof footwear is recommended. \$15 Members, \$20 General Admission. [Required registration.](#)

Fire Making-11:00 AM - 12:30 PM at [Fort Niagara State Park](#). Learn how to make a fire with a ferrocerium rod and some tips and tricks about the back county fire making. Program is weather dependent. Registration required at [Eventbrite.com](#).

Invasive History in the Great Lakes- 2:00 PM - 03:30 PM at [Artpark State Park \(Earl W. Brydges\)](#). Explore the past and present history of invasive species within the Great Lakes as well as measures to prevent further invasion. Registration required at [Eventbrite.com](#).

Tree Planting at Central Terminal- No experience needed—just bring your own gloves and shovel, and we'll take care of the rest. Additional tools and refreshments will also be provided. We'll start at 10 a.m. and end around 1 p.m. 495 Paderewski Drive, Buffalo

Cranksgiving- Meet at Essex Street Arts Center, Gather 10AM, Ride Launch Le Mans Style! 11AM. [Register.](#) Nationwide event that cycling organizations like GObike organize around the country. We'll ride bikes around the city to various grocery stores and help stock the shelves of Foods Not Bombs. Because you must also participate in the fun and games at check points, you or your team can choose the route you think is most efficient and compete to return back to the start first!

Really Really Free Market – 10:00 AM – 12:00 PM at 52 Amherst St., Buffalo NY 14207 (BRRAlliance HQ at the Black Rock Harbor Center, AKA the old bank building). Bring items that are still useful that you no longer want or need such as clean clothes, functioning appliances, and old toys to be rehomed with others that can use them – and in turn look for things you might want or need; really, really free! Please stick around to collect any of your items that are not taken by another visitor or picked up for donations.

Sunday, November 3

Intense Fall Hike-10am. Erie County's Hunters Creek Park has an extensive and varied trail system. Come with Ranger Roy for a 4 to 6-mile hike in autumn conditions. [Register for Intense Fall Hike](#). We will go over some preparation and safety basics before heading out. This hike will be strenuous and challenging, not a good first hike. Location: [Sergeant Mark A. Rademacher Memorial Park/Hunters Creek Location](#).

Let's Talk Turkey- 1 to 3pm. Bond Lake Nature Center. 2571 Lower Mt Rd., Ransomville. We will meet in the Nature Center, which is in the back of the main building. How has the NYS Department of Conservation try to help with the reestablishment of wild turkeys in our area, as well as in many other nearby states. We hear the words "free range" when we talk about natural food production. In the case of wild turkeys, exactly what does "free range" mean? What are they eating? Does their food intake change with the seasons as does ours? Turkeys are shy, wary birds. They have keen hearing and sharp eyesight. When danger approaches, they can fly 45-55 miles per hour for short distances.

Monday, November 4

Science & Stories-6:30 to 7:30pm at Newstead Public Library. For ages 4 -10. Weekly Science Fun! Call to register 716-542-2327

Tuesday, November 5

First Tuesday at Pelion-3:30-5:30. Join us the first Tuesday of each month for some gardening chores and accidental fun. Tasks vary but may include: weeding, watering, light carpentry, planting, harvesting, collecting seeds, starting seed trays, turning soil/compost, transplanting, raking, deadheading, putting up groundhog deterrent fencing, pruning trees and shrubs. Bring your favorite work gloves and water bottle. Pelion Outdoor Classroom at City Honors School, Best Street, Buffalo. [Register](#).

IMAGINE Greater Buffalo as a Premier Cultural & Nature Center- 12:30 – 1:00 P.M. Speaker: Ashlee Reed, Community Relations Specialist, U.S. Citizenship & Immigration Services, "U.S. Citizenship: Take the Test!" Ashlee Reed: <https://us02web.zoom.us/j/82262210338>

Toddler Time: Lovely Leaves- 10:30 AM - 11:30 AM at Beaver Meadow Nature Center for a fall Toddler Time! Learn about and play with fall leaves, make a craft, and have a snack! Best for ages 2 - 4. [Register](#).

Wednesday, November 6

Free community nights at the Botanical Gardens-5:00 pm – 8:00 pm. Enjoy free admission to the Buffalo and Erie County Botanical Gardens on the first Wednesday evening of each month in 2024. Each date will feature a different theme, activities, and local partnership celebrations from 5-8pm. Visitors can enjoy a self-guided tour of the Botanical Gardens, fun scavenger hunts and experience activities, information tables, programs, performances and more from local partners. Reservations are suggested but not required. If you wish to reserve a ticket go to: <https://www.buffalogardens.com/products/free-community-nights>

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).

32nd Annual William C. Vaughan Memorial Lecture- 7 to 9pm at Buffalo Science Museum. Join us for the 32nd Annual William C. Vaughan Memorial Lecture: Avian Migration, Physiology, and Speciation at Elevational Extremes with speaker Dr. Jessie L. Williamson, NSF Postdoctoral Research Fellow in Biology & Rose Fellow, Cornell University. All ages. Free with [registration](#).

Great Lakes Action Agenda Sub-Basin Work Group Meeting- 1:00pm to 4:00pm. DEC Great Lakes program staff are excited to announce the next round of Great Lakes Action Agenda (GLAA) Sub-Basin Work Group meetings will be held this fall to provide opportunities to learn updates from NYSDEC Great Lakes Program and partners, including updates on the Baseline Conditions Characterization, network with work group members, and coordinate work planning. Northern Chautauqua Conservation Club, 1 N Mullet St, Dunkirk, NY 14048 [Click to Register](#) (in-person and virtually)

Buffalo Common Council Winter Weather Preparedness Event- 5:30 pm at the Delavan Grider Community Center at 877 E. Grider St.

Building a Global Culture of Sustainability in Science-12:30pm webinar. Join Namrata Jain from My Green Lab as she dives into creating sustainable, efficient labs with My Green Lab Certification. Whether it's cutting waste, saving resources, or improving lab operations, you'll walk away with practical tips to make a real impact—on both the environment and your bottom line. [Register.](#)

Thursday, November 7

Garden Talks in Batavia or Online-12:00 pm, Join the Genesee County Master Gardeners for their monthly Garden Talk programs. The talks start at noon and can be 30 to 60 minutes long, depending on the topic. Garden Talk programs are free. You can attend in person at the CCE office (420 East Main Street, Batavia) or via Zoom. Registration is required. To attend in person, contact Laura at 585-343-3040 x101 or leg224@cornell.edu. To attend on Zoom, go to the event you want to attend. A Zoom link will be sent to your email with your personal link to the event. Garden Talk programs are usually recorded and posted to the [CCE Genesee YouTube page](#). [“Garden Walk Buffalo Travelogue.”](#) Master Gardener Brenda takes a look back at some fantastic gardens spotted on the annual Garden Walk Buffalo. Take an armchair tour of some of the spectacular, colorful gardens that make the event so popular. If you've never been, here's a chance to get a glimpse of the show. Garden tours are a great way to get ideas for your own garden. It's never too early to start planning for spring!

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.*

Orchard Park Garden Club: Sally Cunningham- 11:30 am at the American Legion Hall, 5784 Ellis Road, Orchard Park. Sally Cunningham, CNLP will speak. She is co-author of [Buffalo-Style Gardens](#). For more information, call Sharon at 716-674-0446

NYPA Public Hearing on Renewable Power and how it should be used- 6pm at 5777 Lewiston Rd., Lewiston at NYPA Power Vista. This hearing, hosted by NYPA, concerns the recently released [draft Renewables Strategic Plan](#). Concerns over use for data centers and bitcoin manufacturing are part of the discussion.

Planetary Health and Well-Being in the Great Lakes- 11am webinar. Council of the Great Lakes Region (CGLR) webinar that will pull from the [Global Foresight Report](#) on Planetary Health and Human Wellbeing and the North American Consultations that contributed to it, exploring what the findings mean for the bi-national Great Lakes region. [Register.](#)

Shifting Phenology & Windows of Opportunity for Control of Invasive Species- 11:00 AM - 12:00 PM
During the next Northeast Regional Invasive Species & Climate Change Management Networks' Coffee Talk, Dr. Dan Buonaiuti (University of Massachusetts Amherst) will present a newly published [Research to Practice](#) summary "[Where there's a when there's a way: Shifting phenology & windows of opportunity for control of invasive species](#)". Following the presentation, there will be focused discussions amongst participants about the practical implications of phenological shifts for management and control of common invasive species in our region. Land managers, invasive species practitioners, policy makers, researchers, and post-secondary students are welcome to join this free event. [Register here.](#)

Preservation Buffalo Niagara Meeting- 6pm. TR Inaugural Site @ 641 Delaware Avenue Buffalo NY 14202 This meeting is open to current PBN Members. If you are not a current member, please renew or join here: <https://preservationbuffaloniagara.org/membership/>. If you have questions about your membership, you can send an email over to Laura@pbnsaves.org. Free but RSVP info@pbnsaves.org or call 716-852-3300.

Climate Adaptation in Action: Johnny's Educational Webinar Series-4pm. Are you ready to prepare your land for the future in the face of our changing climate? This free webinar is for farmers and landowners who want to start taking action to plan for the ongoing and future impacts of climate change. We will briefly overview climate impacts on vegetable and flower farms nationwide, including precipitation and temperature trends. Then, we'll explore how to approach climate adaptation planning and available tools you can choose from. [Register.](#)

Friday, November 8

Friday Morning Birding: Beaver Meadow-8:00 AM to 9:30 AM. Meet outside Nature Center. Join us for weekly birding with Buffalo Audubon Senior Naturalist Tom Kerr. Each week will highlight the seasonal birds at Beaver Meadow. Binoculars are available. Buffalo Audubon Members – Free, General Admission - \$10.00
[Register Here](#)

Saturday, November 9

Fabulous Fungi-11am. Join a mushroom enthusiast on this beginner-friendly walk as we attempt to identify as many mushrooms as possible. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Buffalo Bonsai Society: Suiseki with Sean Smith-The [Buffalo Bonsai Society](#) meets at 1 p.m. The group meets in the STEM Building at SUNY Erie North Campus, 6205 Main St., Amherst.

Como Lake Park History-10am. [Como Lake - Casino, Como Lake Park](#). Join Ranger Nikki for a walk at Como Lake Park to learn the history of this great heritage park. Walk from the Casino over the man-made islands to see the lighthouse. Come celebrate our parks during our Centennial year!! [Register for Como Lake Park History](#)

Dare to Repair Café-11:00am to 2:00pm, West Seneca Public Library, 1300 Union Rd., West Seneca. . Bring your broken items (lamps, small appliances, etc.) to the repair cafe and have volunteer “fixers” try to repair the items for free. This event is designed to reduce waste going into landfills and to build community. Register for the event at <https://thetoolibrary.org/daretorepair/> or for more information, call 716-683-5959.

Pride Outside Nature Walk-Tiff Nature Preserve from 1:30 - 3 p.m. Explore beautiful autumn trails on a queer-led hike to build community while making connections to nature and one another in a safe and affirming environment. [Register](#).

Intro to Navigation-10:00 AM - 11:30 AM at [Knox Farm State Park](#). Tired of being lost or "turned around", join us to learn how to navigate safely. Registration required at [Eventbrite.com](#).

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

Jayne Park Tree & Shrub Planting-11:00 am - 1:30 pm. Waterkeeper needs your help revitalizing a riparian area along the Niagara River in Jayne Park on Cayuga Island. Our goal is to transform a large area of mowed lawn into a riparian habitat by creating a no-mow zone and installing nearly 200 native trees and shrubs along the shoreline. Trees and shrubs are critical components of a healthy shoreline ecosystem. They provide essential habitat, resist erosion, and improve water quality. All these ecological services are incredibly important for the health of the Niagara River and the surrounding community. Volunteers are asked to bring their own water bottles and site-appropriate boots for outdoor work. Waterkeeper will have all the tools needed for planting.
[Register Here](#)

Monday, November 11

Moth Hunt-7:30 PM - 08:30 PM at [Niagara Falls State Park](#). Join a Park Naturalist on a moth hunt! Learn to ID moths found locally and how you can do this activity at home. Registration required at [Eventbrite.com](#).

Citizens' Climate Lobby-5:30 pm – 6:30 pm. The Buffalo-Niagara Chapter of the [Citizens' Climate Lobby](#) in the Downtown Buffalo Library. You can participate either in person or on Zoom. Email buffalo@citizensclimatelobby.org for more information. Chapter meetings are a mix of learning, connecting and action. All are welcome to the meeting to learn how to make a difference on climate change. Are you worried about pollution and climate change? Do you want to communicate powerfully on issues that are important to you? Are you solution oriented? Do you want to encourage your elected officials to take action to mitigate climate disaster? Citizens' Climate Lobby (CCL) is a national nonprofit, nonpartisan organization working to educate citizens on climate solutions. They work to empower people to be extraordinary advocates for our environment and future.

Tuesday, November 12

ADK Meeting- Mr. O.C., Mike Radomski! Mike's 7:30 pm program will wow and fascinate us with pictures and tales of his Winter 2024 whitewater adventure in the Grand Canyon. The Church of the Nativity United Church of Christ is located at 1530 Colvin Blvd., Tonawanda, NY 14223 (one block north of Sheridan Drive, next to the KenTon Schools Administration Building, near the corner of Sheridan Drive). The parking lot is behind the church and is wheelchair accessible and has an elevator.

"Charismatic Microflora: Introducing the hidden freshwater algae all around you." -Niagara Frontier Botanical Society meeting at 7:30 p.m. on the second Tuesday of each month, September through November, January through May at the [Harlem Road Community Center, 4225 Harlem Road](#). Speaker Sarah Whorley is Associate Professor of Biology at Daemen College, where she has taught since 2016. Her research focuses on the role of freshwater algae as the base of aquatic food webs and how that has been altered by the introduction of farming and cattle.

"Shaping the Future of Food: Climate Solutions" –Noon ET. This [third event](#) in the four-part series will feature a conversation about the monumental challenges climate change presents for the future of food, and how IATP works to support mitigation, adaptation and resilience in food systems. [Register](#).

DEC Climate Justice Working Group to Meet- 2:30pm. New York State Department of Environmental Conservation's (DEC) 13-member [Climate Justice Working Group \(CJWG\)](#), established under the Climate Leadership and Community Protection Act (CLCPA) is tasked with establishing criteria for identifying disadvantaged communities (DACs) for the purposes of co-pollutant reductions, greenhouse gas emissions reductions, regulatory impact statements, and the allocation of investments pursuant to the CLCPA. This meeting will include the approval of minutes from the previous meeting(s) and deliberation on the DAC criteria. Members of the public are welcome to listen to the meeting via webcast. Pre-registration is strongly encouraged and can be done by clicking the WebEx link below. [WebEx meeting and registration link](#), **Webinar password:** welcome1 (93526631 when dialing from a phone or video system). **In-Person** include: DEC Region 9 Office, 700 Delaware Ave. Buffalo, NY 14209. Additional Information: This meeting will also be recorded and posted on the [Climate Act website](#) within three days, or as soon as practicable.

IMAGINE Greater Buffalo as a Premier Cultural & Nature Center- 12:30 – 1:00 P.M. Speaker: Christina P. Orsi, President, [Oishei Foundation](#), <https://us02web.zoom.us/j/86504665035>

PPG Workshop: Erie County's 2025 Charter Revision- 12:30 to 2pm with lunch. Free advocacy and civic workshop. Register and info at www.ppgbuffalo.org

NCEP lunch & learn: Managing Marine Seascapes- 3:30 to 4pm. Dive into an exercise that incorporates community science, traditional cultural practices, data analysis, scientific writing, and more! Join us for a virtual brownbag lunch (or snack!) with the authors of an open-access teaching resource on managing marine seascapes through community-based conservation. The authors will showcase their exercises on the ecological, cultural, economic, and social significance of fisheries management strategies. Through these exercises, students gain insights into both the strengths and weaknesses of the diver operated video (DOV) method and learn how to use this method to assess the impact of *tabu* areas, or, Marine Protected Areas (MPA) on coral reef fish abundance and coral reef complexity. Students engage with the practice of science by applying these tools, visualizing their findings, and creating a written report modeled after a scientific journal article. Curious to learn more? [Register](#) now to learn how to access these resources and use them in your college classroom!

LEAF: Honeybee Pests & Diseases- 6 to 8pm. Join Chautauqua County beekeepers as they discuss major diseases and pests that a beekeeper must be on the lookout for. They will spend time talking about American Foulbrood (AFB), which is a bacterial disease that kills honeybee brood. Join in-person at the JCC Carnahan Center (241 James Ave, Jamestown) or watch virtually on Zoom. Register at https://reg.cce.cornell.edu/LEAF2024F_206 or call 716-664-9502. Cost: \$5 per household

CCE Erie Annual Meeting-6:30 PM - 8:00 PM at the Roycroft Campus Powerhouse, 39 S. Grove Street, East Aurora, NY. Social time starts at 6:30pm and the business meeting begins at 7:00pm. Light food and drinks will be provided. Please [register](#) by **November 5, 2025!**

PUSH Power Hour: November 2024-5:30 PM – 6:30 PM. New to PUSH Buffalo or community organizing? Our monthly Zoom call will get you caught up on our current housing and climate justice campaigns. Led by PUSH Organizers Rev. Dr. Majadi Baruti and Janayia Capers, these calls will be informal and informative, and will update you on what we're working on and how you can get involved. Perfect for new members and anyone else who wants to build power! [Info](#). You will receive a Zoom link once you [RSVP](#).

Wednesday, November 13

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.

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

East Side Environmental Forum-5:30 to 7pm at Frank E. Merriweather Jr. Library, 1324 Jefferson Ave, 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. [Please contact Cindy if you want to ask for a certain topic to be covered or if you want to chat prior to the forum!](#) To join virtually, or for more info, contact Kayla Baker (kayla.baker@dec.ny.gov).

Let's Talk Lake Ontario Webinar: Sediment Contamination-Noon webinar. Learn how sediments become contaminated, different approaches to remediation, and efforts being taken by Canada and the U.S. to address the issue. Speakers will also explore the Randle Reef project in Hamilton Harbour, which is the largest contaminated sediment site on the Canadian side of the Great Lakes. Speakers will discuss past and ongoing sediment remediation projects in various U.S. Areas of Concern. Participants will have an opportunity to ask questions of the experts during an interactive Q&A session and learn what actions the public can take to stop the introduction of chemical contaminants in Lake Ontario. This event is free, open to the public, and suitable for anyone who is passionate about the Great Lakes. [Register](#).

New Early Childhood Webinar: Digging into Nature- 3:00 PM ET. Join pediatricians Dr. Pooja Tandon and Dr. Danette Glassy as they discuss their new book, *Digging into Nature: Outdoor Adventures for Happier and Healthier Kids*. [Register >](#)

Bird Genoscape Project-5:30 PM E.T. in welcoming Dr. Kristin Ruegg from Colorado State University for the 2024 Munding Lecture. Dr. Ruegg will talk about the Bird Genoscape Project, a collaborative effort by scientists from across the Western Hemisphere to map the migratory routes of songbirds using genetic tools. [Register here to participate virtually](#).

Enhancing Resilience through Nature-Based Solutions and Funding Opportunities- 1 to 2:30pm. This session will provide an overview of key projects addressing coastal hazards, showcase nature-based solutions (NBS) tailored to regional needs, and highlight funding opportunities available to municipalities and organizations, featuring Suzanna Randall, the Chief Resiliency officer of NYSDEC who will share insights on DEC's initiatives and valuable guidance on applying to grant opportunities. Participants will have the opportunity to receive coaching assistance from experts at LimnoTech. Webinar organizers have requested that attendees fill out a pre event survey: <https://forms.gle/naCqXXxf3kheoG7q9>, [Register](#).

50 Years of The Freedom of Information Law (FOIL)- 6:00 - 8:00 p.m. at Place: Buffalo History Museum, 1 Museum Ct, Buffalo. New York's Freedom of Information Law (FOIL) was created to ensure public access to government information, enabling citizens to participate meaningfully and hold officials accountable. But where does it stand today, 50 years later? Join fellow advocates for a special evening commemorating the 50th anniversary of FOIL. This New York Coalition For Open Government event is co-sponsored by The Buffalo History Museum, the League of Women Voters Buffalo-Niagara, and the Partnership for the Public Good. This event is free and open to the public -- bring a friend! [Please RSVP](#) so we can gauge attendance.

Thursday, November 14

Educator Workshop: Zero Waste Classrooms -4:30 to 6:30pm. Explore ways to reduce waste in your classroom in honor of America Recycles Day. \$10 fee, dinner included. [Registration required.](#)

2024 WNY Sustainable Business Summit- 11am to 5:30pm at the Richardson Hotel, Buffalo. With the theme of “Translating Risk to Resilience”, we’ll explore how our region is uniquely positioned for growth through the innovations and conversations happening in our community. Registration and info [here.](#)

Green Drinks-5:30pm at 42 North Brewing Company (downtown location), 674 Main St, Buffalo, NY 14202. The event is also listed on [Facebook](#) and on the [Green Drinks webpage.](#)

Owl Prowl-6:30 PM - 08:00 PM at [DeVeaux Woods State Park](#). Learn about the common owls found in the area while taking a walk through the trail at DeVeaux Woods in search of these nocturnal birds in action! Registration required at [Eventbrite.com.](#)

SciNight: Harvest Wreath Making Workshop-Tifft Nature Preserve from 7 - 8:30 p.m. 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. [Register.](#)

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.*

Build a Home Worm Bin- 5 to 6:30pm at Pelion Garden 212 Best St, [Info.](#)

Rocks and Minerals of Climate Change-7:00 PM to 8:00 PM ET, to learn about the role that rocks and minerals play regarding climate change. Climate change is one of the most pressing environmental issues of our generation, and generations to come. But what's rock got to do with it? Learn how simple and familiar rocks and minerals play a critical role in responding to, recording, causing, and even solving climate change on our dynamic planet. Learn some new and perhaps surprising ways to connect these seemingly disparate parts of the Earth system together (rocks and climate) that will add new definition, motivation, integration, and fascination in your teaching. Learn yet another way that rocks and minerals play a critical role in the Earth and environmental processes and challenges that face our society today. [Register.](#)

Friday, November 15

Friday Morning Birding: Ghost Pond-8:00 AM to 9:30 AM. Meet at Beaver Meadow Nature Center. Join us for weekly birding with Buffalo Audubon Senior Naturalist Tom Kerr. This week we will be meeting at Beaver Meadow and carpooling the short drive to Ghost Pond Nature Preserve. Binoculars are available. Buffalo Audubon Members – Free, General Admission - \$10.00. [Register.](#)

Buffalo Common Council Winter Weather Preparedness Events- 5:30 pm at P.S. 156 Frederick Law Olmstead at 319 Suffolk St.

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

Adults Only Full Moon Hike-Tifft Nature Preserve from 6:30 - 8 p.m. Enjoy a guided tour outdoors in search of wildlife beneath the Full Beaver Moon. No headlamps or flash photography please. [Register.](#)

Sensory Night: Make It Month-Buffalo Museum of Science from 5 - 8 p.m. All ages. Join us for our Make It Month Sensory Night! Limited exhibit sounds will provide a comfortable and fun evening of learning and exploration! Plus, all guests may enjoy hands-on sensory activities that you can make and take home such as DIY Rain Sticks, Lava Lamps, and Kinetic Sand! Space is limited to the first 200 tickets reserved; [pre-registration strongly encouraged.](#)

National Stormwater Day 2024 Webinar – 1 to 2:30pm. This webinar will bring together stormwater professionals to recognize leading stormwater champions, provide an overview of the newly established EPA Stormwater Centers of Excellence for Stormwater Infrastructure Technologies (CESITs), share updates on the 2025 ASCE Infrastructure Report Card for Stormwater, and celebrate the Water Environment Federation (WEF) 2024 MS4 Award winning program in the City of Alexandria, VA. [Register](#)

Saturday, November 16

Woods Walk: Seasonal Sights-1pm. As things settle down for the winter, let's search for what we usually overlook. What a great day to appreciate the little things in nature. No registration required. Reinstein Woods Nature Preserve.

Owls of Reinstein Woods-7pm. Learn about the owls that live at here during a nighttime adventure in search of these nocturnal birds. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Insight Speaker Series: Buffalo Regional Transit System- 12:30 pm Emerson Room, UU Church of Amherst, 6320 Main St., Williamsville. Doug Funke, President of Citizens for Regional Transit will discuss Buffalo's regional transit system and the need to meet the growing demand for a 21st century multi-modal transportation system in Buffalo Niagara – including an expanded Metro Rail.

Preparing Field Grown Trees for Transplanting-10am. [Chestnut Ridge - Chestnut Ridge Casino](#). Join the Erie County Bureau of Forestry and learn how to prepare trees for transplanting. This workshop is part of the Community Forestry Partnership Project and will provide 3 hours of hands-on training to learn about dormant tree identification, phenology, tree reproduction and survival strategies, transplanting techniques, root pruning, bare-rooting trees, and preparing for transplanting. [Meeting Location](#): Newton Road parking lot, Chestnut Ridge Park, Duration: 3 hours, [Register for Preparing Field Grown Trees for Transplanting ~ Chestnut Ridge Park ~](#)

Nature & Me Early Childhood Series-Tiff Nature Preserve from 10 a.m. - 12 p.m. All ages. Explore the autumn season with your tiny naturalist through guided playful indoor activities and crafts inspired by the esteemed Reggio Emilia philosophy! Guided trail walk included (weather pending). BYO snack to enjoy afterwards. [Register](#).

Native American Medicinal Plants - 1:00 PM - 3:00 PM. Meet inside Beaver Meadow Nature Center. Join Seneca Elder Marvin Jacobs to learn about Native American Medicinal Plants! Look at dried plant samples from both the Northeast and the Southwest and learn about the similarities and differences between them. Then, head out on a short walk to see plants growing in their natural habitat. Marvin Jacobs is a Seneca Elder, a root doctor, and geo-paleontologist. He is a board member of the Iroquois National Wildlife Refuge, and is a member of the National Audubon, Sierra Club, Cornell Lab of Ornithology, and Nature Conservancy. [Register](#).

Free Shredding Event & Clothing Recycling- 9am to noon at JFK Park, 363 Clinton St. Shredding for confidential papers. www.buffalorecycles.org for info

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

Open Buffalo Climate Change and Environmental Justice Symposium-10am to 2pm. Engage with leading experts and activists in the fight against climate change and collaborate with like-minded individuals who are passionate about co-creating a more environmentally just and sustainable East Side of Buffalo. 683 Northland Ave, Buffalo, NY 14211.

Buffalo Heritage Carousel Centennial Celebration-6:30pm. Party Like It's 1924! Celebrating our past, present, and future with an evening of music, dancing & celebration. *The Twentieth Century Club 595 Delaware Avenue*. Proceeds support the ongoing mission of the Solar-Powered Buffalo Heritage Carousel to educate and inspire while providing affordable and accessible rides to the Western New York community and beyond. [Tickets](#).

Buffalo River Stewardship Event-10:00 am - 12:00 pm. Join Buffalo Niagara Waterkeeper for a fall stewardship event along the Buffalo River, close to Red Jacket Natural Habitat Park. [Register Here](#)

Roger Tory Peterson Institute Visit with WNY Young Birders-1:00 – 3:00pm. Take a road trip to the [Roger Tory Peterson Institute](#) as we meet up with the Northeast Ohio young birders to tour the museum and enjoy the nature trails. Bring a picnic lunch! wnyyoungbirders@gmail.com.

Sunday, November 17

Transplanting Trees into the Nursery-10:00 PM - 1:00 PM; [Erie County Bureau of Forestry office](#). Join the Erie County Bureau of Forestry and learn how to transplant trees into the nursery. This workshop is part of the Community Forestry Partnership Project and will provide three hours of hands-on training to learn about various methods to grow trees in the nursery for future planting projects. Methods include soil, light, and water considerations, potting, air pruning beds, gravel beds, and raised beds. Visit [Erie County's events page](#) for more details and to register for the training.

Singularity is Nearer- 4 to 5pm webinar. Ray Kurzweil will discuss insights from his storied career and from his latest book, *The Singularity is Nearer*. In this best-selling work, Kurzweil explores the exponential progress of technology and its implications for humanity — predicting how advances in artificial intelligence, biotechnology, and nanotechnology will lead to radical changes to society in the coming decades. [Register](#).

Explore and Tour with Jessie-10:30 AM - 12:00 PM at [Artpark State Park \(Earl W. Brydges\)](#). Join our educator Jessie on a walk around Artpark State Park to learn a little more about the history of the area and the art you can find within it. Registration required at [Eventbrite.com](#).

Art in the Park: Watercolor-1:00 PM - 02:30 PM at [Evangola State Park](#). Create your very own watercolor landscape. Use water from Lake Erie to create art inspired by the park! Paints, brushes, and paper will be provided. Registration required at [Eventbrite.com](#).

PPG Workshop: Foil for the Facts-12:30 to 2pm workshop on how to submit a Freedom of Information Law request. Lunch provided. Register at www.ppgbuffalo.org

Monday, November 18

Science & Stories- 6:30 to 7:30pm at Newstead Public Library. For ages 4 -10. Weekly Science Fun! Call to register 716-542-2327.

Participants of Birds Grow on Trees- 9am to 10am webinar. Learn how to promote healthy forest ecosystems that provide essential habitats for declining bird species. The information presented can be applied to both private and public lands, aligning with various forest landowner goals such as timber production, water quality improvement, recreation, and carbon sequestration. By implementing these strategies, landowners and conservationists can contribute to creating sustainable environments that benefit both wildlife and the broader ecosystem. [register](#). Free to attend without credit.

LEAF: Home & Farm Energy Efficiency- 6 to 8pm. Whether you're motivated by saving money, environmental responsibility, adding value to your property, or all the above, making energy efficiency improvements is an all-around win! This workshop, co-led by Lisa Kempisty, CCE Agriculture Community Educator, and Emily Edmunds, Sustainability Educator with Cornell Cooperative Extension of Cattaraugus County, will share energy efficiency ideas big and small, and financing opportunities available for both homes and farms. Join in-person at the JCC Carnahan Center (241 James Ave, Jamestown) or watch virtually on Zoom. Register online at https://reg.cce.cornell.edu/LEAF2024F_206 or call 716-664-9502. Cost: \$5 per household

Tuesday, November 19

IMAGINE Greater Buffalo as a Premier Cultural & Nature Center- 12:30 – 1:00 P.M. Speaker Anthony Buttino & Barbara Irwin, PhD. two authors of three, [Creating Reading Rainbow](#) <https://us02web.zoom.us/j/8315763>

Toddler Time: Woolly Bears- 10:30 AM - 11:30 AM. Meet inside Beaver Meadow Nature Center. Join us to learn all about woolly bear caterpillars at Toddler Time! We'll learn about these awesome caterpillars and their life cycle, make a craft, and have a snack. [Register.](#)

Teaching Climate Change- 1 to 2pm. Join [Alice C. Hill](#) and CFR Education for a conversation on teaching climate change and an exploration of our forthcoming comprehensive library of dozens of accurate, accessible, and authoritative resources on climate change and its implications on global issues and foreign policy. [Register here.](#)

Airborne Survey: Methane from U.S. Landfills- 3 to 4pm webinar. Register at [site.](#)

Wednesday, November 20

Clean Air Coalition Mixer-5:30 at The Beer Keep (1002 Elmwood Ave in Buffalo) for a happy hour mixer for members, supporters, and our community to mix, mingle, celebrate our work, and continue to grow our base! While we will not have a formal program, our team leaders will be on hand to share information about current campaign progress. [Register](#)

SciNight Workshop: Make Your Mark-Buffalo Museum of Science from 6 - 7:30 p.m. Are you ready to make your mark? Get creative and try your hand at screen printing designs on cloth and clothing. Learn a little about the process of clothes-making and how to make unique custom clothing items. [Register.](#) *Screens and paint provided, attendees should bring one or two blank clothing item(s) to print onto.*

Health Effects and Ecology of Anatoxin-Producing Cyanobacteria-2 to 3pm webinar. This presentation will provide a research update on anatoxin health effects in mice from a toxicokinetic study and a 5-day oral exposure. The endpoints for the 5-day study include neurobehavioral and ototoxicity screening, effects on sperm count and testicular histopathology, ELISA's for muscle injury and a protein associated with hearing loss, and serum metabolomic analysis. It will also discuss samples of liver and brain, which have been submitted for RNA transcriptome analysis with results expected January 2025. [Registration.](#)

Fifth National Climate Assessment: Resources and Interactive Atlas- 3 to 4pm webinar. Registration will be posted [at site.](#)

Thursday, November 21

Mid-Format Battery Recycling: Ensuring Safe End-of-Life Management-2 to 4pm webinar. EPA will be hosting mid-format battery recycling working sessions this fall! For the purposes of the working sessions, mid-format batteries are rechargeable batteries between 11 and 25 pounds and 300 to 2000 watt-hour ratings. This includes e-bikes, e-scooters, portable power stations, and outdoor power equipment. During the working session, EPA will share current policies, practices, and trends related to mid-format battery recycling. Working session participants will then be able to provide input to inform the process to develop battery collection best practices and battery labeling guidelines for recycling. [Register](#)

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

Friday, November 22

Secrets of the Everglades!- 7:00pm-8:30pm at The Park School of Buffalo. Join Earth Spirit staff on this informative program that will discuss the wonders of the Everglades! We will go over wildlife, history, and ecology of the Everglades, and discuss our Everglades Camping Adventure in greater detail. If you are wanting to learn more about our Everglades Excursion or just about the Everglades in general, this is the program for you! Learn more about this awesome place from those who have many stories to tell from Deep South Florida! This program will be held in the Field Station of the Park School. [REGISTER](#)

Woofs and Waterfalls-4:30 PM - 06:00 PM at [Niagara Falls State Park](#). Enjoy a leisurely evening walk with your dog and a Park Naturalist around Goat Island. It is not necessary to have a dog to participate, however, all dogs must be up to date on immunizations, leashed, and under control. Registration required at [Eventbrite.com](#).

Northeast Aquatic Plant Management Society's Autumn Webinar Series: Spotlight on Grass Carp- 1 to 3pm. *USGS research in support of Grass Carp Management in the Great Lakes and Upper Mississippi River Basins* by Patrick Kocovsky, Matthew Acre, Marybeth Brey, Andrea Fritts, Corbin Hilling, Ryan Jackson, James Roberts, and Stephen Spear, U.S. Geological Survey, and *Ongoing response efforts for Grass Carp in the Laurentian Great Lakes* by Ryan Young, U.S. Fish and Wildlife Service. [Click here to register.](#)

Friday Morning Birding: Beaver Meadow- 8:00 AM to 9:30 AM. Meet outside Nature Center. Join us for weekly birding with Buffalo Audubon Senior Naturalist Tom Kerr. Each week will highlight the seasonal birds at Beaver Meadow. Binoculars are available. Buffalo Audubon Members – Free, General Admission - \$10.00. [Register.](#)

Saturday, November 23

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

Owl Prowl-6:00pm-8:30pm at Bond Lake Park, Ransomville. Join Earth Spirit staff on this nocturnal adventure at the Clyde L. Burmaster (Bond Lake) Park in Ransomville. During this Owl Prowl, we will discuss Owl ecology then take to the woods to try and observe or hear owls! We will be replicating owl calls in an effort to invoke a response. This is the most effective way to encounter owls in the wild. Earth Spirit staff have encountered owls here on several occasions, and this place possesses a diverse array of owl habitats, making it an ideal place to conduct an Owl Prowl. Come join us on this search attempt and at the very least take a peaceful walk with us through a beautiful park! [REGISTER](#)

Preparing for Winter-10:00 AM - 11:30 AM at [Evangola State Park](#). On this guided walk we will learn how animals prepare for winter. Registration required at [Eventbrite.com](#).

Winter Wildflowers at Reservoir-10:00 AM - 11:30 AM at [Reservoir State Park](#). Join us for a stroll along the accessible pathway around Reservoir State Park in search of Winter Wildflowers! Registration required at [Eventbrite.com](#).

Winter Wildflowers at Niagara Falls-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). Join us for a stroll along Trail 2 and Gorgeview in pursuit of Winter wildflowers! Registration required at [Eventbrite.com](#).

Camp Coffee Ride: Botanical Gardens- 9:30am to 1pm. Join us for a monthly group bike ride to a local park where we'll brew and savor coffee together in the great outdoors! This ride is perfect for riders that want to feel more comfortable on the road. [Register.](#)

Sunday, November 24

Turkey Time-1:00 PM - 02:00 PM at [Niagara Falls State Park](#). Come and learn about turkeys! How they live in the wild, what is a snood and why are they called turkeys anyway! Registration required at [Eventbrite.com](#).

Gratitude Hike-Tiff Nature Preserve from 2 - 3:30 p.m. | All ages. Get ready for Thanksgiving with a casual guided hike on beautiful Autumn trails! We'll search for signs of wildlife while also taking time to savor the gifts this season has given to us. [Register.](#)

Monday, November 25

Science & Stories- 6:30 to 7:30pm at Newstead Public Library. For ages 4 -10. Weekly Science Fun! Call to register 716-542-2327.

Tuesday, November 26

Greenhouse Poinsettia Propagation-5:00 PM - 6:00 PM at CCE Niagara. Ages: All ages including adults
RSVP: Josh Randall at jmr486@cornell.edu. Look forward to the holiday season with poinsettia propagations in the greenhouse. Practice together pinching flowers and making stem cuttings using poinsettias. Make use of an aeroponic cloning machine and take home your own poinsettia pot. No fee. Must RSVP to Josh Randall by **11/22**.

Western New York Hosta Society In-Person Board of Directors Meeting- 1 to 2:30pm. Orchard Park Public Library. For more information, please call Patricia Gurney at (716) 649-7780.

Wednesday, November 27

"Drop-in" Slime: November Break Activities-11am to 1pm. Make slime in the Makerspace with Ms. Katherine! Audubon Branch Library.

Behind-The-Scenes Collections Tours: Cabinet of Curiosities-Buffalo Museum of Science from 6 - 7:30 p.m. Take a peek into the Vertebrate Zoology Collection's spine-tingling Cabinet of Curiosities to explore the mind-bending stories of some of nature's unique freaks, morbid mistakes, and seemingly scientific impossibilities! [Register.](#)

Thursday, November 28

Happy Thanksgiving!

Friday, November 29

Jingle Falls-12:00 PM - 02:00 PM at [Niagara Falls State Park](#). Take a break from the cold and visit the Welcome Center for family fun holiday crafts and an Education Station! No registration required.

Jingle Falls Stroll-2:30 PM - 03:30 PM at [Niagara Falls State Park](#). Join us on a casual stroll to Stedman's Bluff on Goat Island to view the American and Bridal Veil Falls as a part of the Jingle Falls festivities! Registration available at [Eventbrite.com](#) but not required.

Saturday, November 30

Family Wellness Walk-10am. Help your health by joining a relaxing walk in the woods. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Jingle Falls-12:00 PM - 02:00 PM at [Niagara Falls State Park](#). Take a break from the cold and visit the Welcome Center for family fun holiday crafts and an Education Station! No registration required.

Jingle Falls Stroll-2:30 PM - 03:30 PM at [Niagara Falls State Park](#). Join us on a casual stroll to Stedman's Bluff on Goat Island to view the American and Bridal Veil Falls as a part of the Jingle Falls festivities! Registration available at [Eventbrite.com](#) but not required.

Sunday, December 1

Jingle Falls-12:00 PM - 02:00 PM at [Niagara Falls State Park](#). Take a break from the cold and visit the Welcome Center for family fun holiday crafts and an Education Station! No registration required.

Jingle Falls Stroll-2:30 PM - 03:30 PM at [Niagara Falls State Park](#). Join us on a casual stroll to Stedman's Bluff on Goat Island to view the American and Bridal Veil Falls as a part of the Jingle Falls festivities! Registration available at [Eventbrite.com](#) but not required.

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:

- **Take "Charge" of Your Battery Disposal** - Remember, **batteries do not go in home recycling bins** when they are no longer usable. In New York, there are different options available for the safe and environmentally responsible management of end-of-life batteries depending on which category they fall under:
 - **Single-use batteries** (examples: alkaline, zinc-carbon, button-cell, coin, lithium (Li))—may be accepted for recycling at retail and municipal locations on a voluntary basis. Use the [Call2Recycle](#) to find drop-off locations, making sure to check the box for “primary” batteries.
 - **Rechargeable batteries** (examples: Li-ion, Ni-Cd, Ni-MH)—under the [NYS Rechargeable Battery Law](#), covered rechargeable batteries or battery packs weighing <25 lbs., can be returned to any retail location that sells rechargeable batteries or rechargeable battery containing products for recycling at no cost to the consumer. Visit the [Call2Recycle locator](#) website for acceptance locations.
 - **Lead-acid automotive batteries**—under the [NYS Lead-acid Battery Recycling Law](#), retailers and distributors of lead-acid batteries, must accept, free of charge, up to two used batteries per month from any individual, regardless of whether or not the individual purchases a new lead-acid battery.
- **Stop Microfibers Pollution**- One significant source of microplastics is from microfibers shed during clothes washing. Besides [installing an efficient microfiber filter](#), there are quite a few things you can do to reduce microfiber pollution from washing: Choose more clothes made from natural fibers such as cotton, wool, or linen; Take good care of your clothes, mend them, and buy new clothes less often and wash your clothes at lower temperatures, and only when really necessary.. Researchers found that new clothing sheds more fibers than older.

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.

Buffalo Museum of Science has volunteer and internship opportunities available for teens, college students and adults. For information, contact 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/>, [current needs and dates](#)

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.

Providence Farm Collective- From May through November, PFC offers individual, group, one-time, monthly or weekly volunteer opportunities — on the farm in Orchard Park or at the PFC Farmers Market in Buffalo. [Info](#).

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.buffalospree.com>

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

<http://buffalorising.com>

<https://boredommd.com/>

Useful Tools:

Wildlife Rehabilitator Search- https://www.dec.ny.gov/cfm/xtapps/sls_searches/index.cfm?p=live_rehab

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

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

[Cover Crop Selector](#)-select appropriate cover crops for your site

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

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

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

[Bird Migration Explorer](#) provides migration data

[eBird](#)-record and identify birds that you see

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

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

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

[Ecosystem Restoration Handbook](#)

[Sustainable Gardening Library Resources](#)

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

[Buffalo B-WELL Videos](#)

<http://growitsaveituseit.com/>

[toolkit to reduce synthetic fertilizer use](#)

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

[Organics Communications Toolkit to Reduce Waste](#)

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

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

[The ABCs of Soil Health](#)

[DIY Calculators for supplies](#)

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.ecatrail.org/>
Farmer Resource Network- <https://farmerresourcenetwork.force.com/FRN/s/>
Fix Buffalo- <http://fixbuffalo.blogspot.com/>
Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>
GBNRTC-<http://www.gbnrtc.org/blog/>
Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>
Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>
Heirloom Soul Florals: Regenerative Flower Farming- <https://www.heirloomsoul.com/blog-archive>
Natural and Working Lands-<https://blogs.cornell.edu/workinglands/> Farming and Climate Change resources
Nourishing Harvest- <https://www.patreon.com/anourishingharvest>
Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>
Recycle Right NY- <https://recyclerightny.org/>
Reuse Action-<http://reuseaction.com/blog/>
Rochester Environment- <http://www.rochesterenvironment.com/>
WNY Enviro- <http://groups.yahoo.com/group/WNY-ENVIRO/>
Outdoors Niagara- <http://www.outdoorsniagara.com/>
Environmental Tips- <http://www.globalstewards.org/ecotips.htm>
Buffalo Architecture and History- <http://www.buffaloah.com/>
Richardson-Olmsted <http://www.richardson-olmsted.com/>
Times Beach Nature Preserve- <www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029>
Black Dog Rescue- <www.blackdogsecondchance.org>
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- <https://www.grandislandschools.org/domain/49>
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- <www.ptny.org/bikecanal>
Rochester Roots-<http://www.rochesterroots.org/>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>
Citizen Science Opportunities- [listing](#)
Sustainability SmartPod- <https://www.buzzsprout.com/2127930>

County/New York State Resources

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

Green Jobs, Internships and Opportunities

E-Magazine-<http://greenjobs.net/>
EPA-<https://www.epa.gov/careers>
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](#)
Access hundreds of research internships, fellowships, and scholarships funded by the government and private sector organizations: <https://www.zintellect.com/>

Learn more about the variety of opportunities with NOAA: <https://www.noaa.gov/work-with-us>

EPA: <https://www.epa.gov/careers>

American Academy of Environmental Engineers and Scientists: <https://aaees.mcjobboard.net/jobs>

AGU Career Center: <https://findajob.agu.org/>

ESA Career Center: <https://www.esacareercenter.org/>

American Fisheries Society: <https://jobs.fisheries.org/>

NYSDEC Employment: <https://www.dec.ny.gov/about/jobs.html>

NY State Parks: <https://parks.ny.gov/employment/>

National Association for Interpretation: https://nai-us.org/interp/nai/_membership/Career_Center/Career_Center.aspx

North American Association for Environmental Education: <https://jobs.naaee.org/>

Marine Biology Education Resources: <https://www.marinebio.org/careers/>

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

[Database of Federal Grants to Support Food Waste Initiatives](#)

<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://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/>
Greys U-Pick- <http://gregsupick.com/>
Groundwork Market Garden- <http://www.groundworkmg.com>
Happy Shacks Oils-free seed library <https://happyshackoils.com/>
Healthy Living Farm- <https://www.healthylivingfarm.com>
Heartland Organics- <https://www.heartland-organics.com/visit>
Kin Loch Farmstead- <https://www.kinlochfarmstead.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/>
CW Native Plants- <http://www.cwnativeplantfarm.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)

- Year Round: [Food Scraps Drop-Off Collection Program Locator Map](#)
 - Year Round: [PaintCare Drop-Off Collection Locator Map](#)
 - Year Round: [Electronics Recycling Locator Map](#)
 - Year Round: [Textile Donation & Recycling Locator Map](#)
 - Year Round: [Reuse Locator Map](#)
-

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

Cigarette Butts- <https://www.terracycle.com/en-US/brigades/cigarette-waste-recycling>

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/>

Pens- Dropoff at Staples stores

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>
Searchable lists- <https://search.earth911.com/>, <https://www.call2recycle.org/locator/>

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.ecoliteracy.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.nstt.org/)
[The US Partnership for Education for Sustainable Development](http://www.uspartnershipforeducation.org/)
[Basics of Organic Farming](http://www.basicsoforganicfarming.org/) is a self-directed online course for beginning orchard and vegetable-crop farmers
[Our Farms, Our Future](http://www.ourfarms.org/) podcast series
[Second Nature's Solution Center](http://www.secondnature.org/)

On Demand Webinars:

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

Miscellaneous tools including videos and websites:

Green America's guide to Socially Responsible Investing- <http://pubs.greenamerica.org/i/116105>
Buffalo Relocation and Self-Promotion <http://www.wherelifeworks.com/>
Community Food Waste Guide- Access the free resource [here](http://www.communityfoodwasteguide.org/).
Change Food Library <http://www.changefood.org/changefoodlibrary/>
USDA Tool Kit for Local Food [toolkit](http://www.usda.gov/local-food/toolkit/)
[Better Than Ed](http://www.betterthaned.com/)-Video series with Actor Ed Begley encouraging environmentally-friendly practices.
[EJSCREEN](http://www.ejscreen.org/) is an environmental justice mapping and screening tool.
[Local Foods, Local Places Toolkit](http://www.localfoods.org/) to help communities develop their own plans for setting and achieving local food and revitalization goals.
[Merlin Bird ID app](http://www.merlinbirdid.com/) Bird id by song
[Archived EPA Climate Change Info.](http://www.epa.gov/climate-indicators/)
[www.epa.gov/climate-indicators.](http://www.epa.gov/climate-indicators/)
[Guide to help schools reduce food waste](http://www.guide2helpschoolsreducefoodwaste.org/)
[Tool for Sourcing Local Meat](http://www.toolforsourcinglocalmeat.org/)
[Click here to watch the Know Your Food videos.](http://www.clickheretowatchtheknowyourfoodvideos.org/)
[iMATTER Youth Movement to Spark Change](http://www.imatter.org/)

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

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

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

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

[2018 Fuel Economy Guide](#)

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

[NOAA National Marine Sanctuary Webinar series](#)

[NOAA One Science Seminar Series](#)

[Green Restaurant sustainability tool](#)

[Mapping Climate Change.](#)

[Socially Responsible Investing and Banking](#)

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

[Promise of Biomimicry](#)

[Pollinators under Pressure](#)

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

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

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| Adirondack Mountain Club-Niagara Frontier Chapter | 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/ |

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

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

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| 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/ |
| Explore Buffalo | www.explorebuffalo.org |
| 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 |

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| 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/ |
| Green Together WNY | https://www.facebook.com/greentogetherwny/ |
| 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://ltlol.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 |

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| 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.facebook.com/SiloCityLyceum/ |
| Massachusetts Avenue Project | http://mass-ave.org/ |
| Matt Urban Human Services Center | http://urbanctr.org/ |
| Messinger Woods Wildlife Care and Education Center, Inc | www.messingerwoods.org |
| Nannen Arboretum | http://www.nannenarboretum.org/ |
| Nature Conservancy-Central and Western New York Chapter | http://Nature.org |
| Nature Sanctuary of Western New York | http://nsswny.org/ |
| New York Farm Bureau | http://www.nyfb.org/ |
| New York Flora Association | http://www.nyflora.org/ |
| New York Forest Owner's Association | www.nyfoa.org |
| New York Interfaith Power and Light | www.newyorkipl.org/ |
| New York League of Conservation Voters | http://www.nylev.org/ |
| New York Power Authority | www.nypa.gov |
| New York Public Interest Research Group | http://www.nypirg.org/ |
| New York State Association of Conservation Commissions | https://nysacc.org/ |
| New York State Ornithological Association | http://nybirds.org/index.html |
| New York State Outdoor Education Association | http://nysoea.org/ |
| New York State Parks | https://parks.ny.gov/ |
| NYS Association for Reduction, Reuse and Recycling | https://www.nysar3.org/ |
| New York State Sea Grant | http://www.seagrantsunysb.edu/ |
| New York State Soil and Water | http://www.nys-soilandwater.org/ |

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| 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 |
| 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/ |
| Northeast Organic Farming Association of New York | http://nofany.org |
| North Tonawanda Botanical Gardens | https://ntbgo.weebly.com/ |
| One Region Forward | https://regional-institute.buffalo.edu/work/one-region-forward |
| 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 |

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| 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/ |
| Riverline | https://www.theriverline.org/ |
| Roger Tory Peterson Institute | www.rtpi.org |
| Science Demands Action | www.sciencedemandsaction.org |
| Secret Places of WNY | https://www.insiders-outside.com/events |
| Service Collaborative of WNY | http://www.tscwny.org/ |
| Sierra Club (Niagara Group of Atlantic Chapter) | http://niagarasierraclub.com/ |
| Slow Roll Buffalo | www.facebook.com/groups/slowrollbuffalo/ |
| South Buffalo Alive | www.facebook.com/South-Buffalo-Alive-174141769403626/ |
| SPCA serving Erie County | www.yourspca.org |
| Street Synergy | http://www.streetsynergy.org/ |
| SUNY Fredonia | https://www.fredonia.edu/about/offices/sustainability |

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| Sustainability at Buffalo State | http://sustainability.buffalostate.edu/ |
| Tifft Nature Preserve | http://www.tifft.org/tifft/ |
| Tonawanda Creek Watershed Committee | www.facebook.com/TonawandaCreek/ |
| Tuscarora Environmental Task Force | www.facebook.com/tuscaroraenvironment/ |
| 21 st Century Park on the Outer Harbor | www.facebook.com/21stCenturyParkOnTheOuterHarbor/ |
| UB Engineers for a Sustainable World | https://www.facebook.com/groups/esw.ub/ |
| UB Environmental Network | https://www.facebook.com/UBEnvironmentalNetwork/ |
| UB Office of Sustainability | http://www.buffalo.edu/sustainability.html |
| UB Regional Institute | http://regional-institute.buffalo.edu/ |
| Urban Land Institute | http://newyork.uli.org |
| Urban Roots | www.urbanroots.org/ |
| US Army Corps of Engineers-Buffalo District | http://www.lrb.usace.army.mil/ |
| US Coast Guard-Boating Safety | http://www.wnyboatsafe.org/ |
| US Fish and Wildlife, Northeast | https://www.fws.gov/about/region/northeast |
| Vision Niagara | http://visionniagara.org/ |
| Voice-Buffalo | https://voicebuffalo.org/ |
| Western Chapter New York Water Environment Association | http://nywea.org/ |
| WNY Native Plants Collaborative | https://www.wnynativeplants.org/ |
| Western New York AmeriCorps (Service Collaborative) | http://www.tscwny.org/ |
| Western New York Earth Day | http://www.wnyearthday.org/ |
| Western New York Environmental Alliance | http://www.wnyea.org |
| Western New York Herpetological Society | https://www.facebook.com/wnyherpsociety |
| Western New York Land Conservancy | https://www.wnylc.org/ |
| WNY Mountain Bike Association | http://www.wnymba.org |

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| 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 Ones-WNY Chapter | https://westernnewyork.wildones.org/ |
| Wild Spirit Education | http://www.wildspirit.org/ |