

Enviro-News

July, 2024

Sponsored by Daemen University's Global & Local Sustainability Department

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Articles:

Upcoming Waste Collections

Erie County and the NEST Solid Waste Board are hosting a free Household hazardous waste (HHW), paint, and battery collection event on **July 13** from 8:30-1. Reserve your time by registering at this link. [recycling registration](#) or at www.erie.gov/recycling.

Niagara County has scheduled their next HHW for **July 13** from 9am to noon at 6560 Dysinger Rd., Lockport. Register for the event [here](#). Pre-registration required. The Town of Lockport is also providing Paper Shredding services to residents! Paint only will be collected on **July 27** at Starpoint Schools from 9am-1pm (4363 Mapleton, Lockport). Pre-registration required, link to be posted [here](#).

Green Drinks

Join others to network and enjoy conversation with environmental folks on **Thursday, July 11th** at 5:30pm at 12 Gates Brewing (80 Earhart Dr, Williamsville, NY 14221). The event is also listed on [Facebook](#) and on the [Green Drinks webpage](#).

2024 Erie County Fish Stocking Program

Erie County's annual sale of Bass and Minnows to assist landowners with managing fish in their ponds is open. For more information visit [the fish management section](#). Orders are due by **July 12** with Pick up July 20 at 10am. [Order Form](#)

Skyride

Join others on **Sunday, July 21** for Skyride-a family-friendly bike ride to support Go Bike Buffalo with your opportunity to ride across the Skyway. The ride will start and end at Buffalo Outer Harbor Concert Venue, 825 Fuhrmann Boulevard, Buffalo, NY 14203. [Info and to register](#). Registration includes access to the Skyway on your bike, bottled water, and fruit or snacks, 2 tickets for post party refreshments for registrants 21+. Additional food and tickets for sale on-site for everyone present.

Urban Ecological Regeneration with Silo City

Join WNY Sustainable Business Roundtable on **Thursday, July 18** from 5:30 to 7:30pm on a tour that explores Silo City, a hub of urban regeneration and biodiversity. We will visit Silo City's native plant nursery where local native plants are propagated for restoration projects and to support native pollinators. Following the tour, join us at Duende for a drink and some good conversation about the remarkable journey of urban restoration and biodiversity. Spots are limited so don't wait to register for this unique event! The event is free for members, \$15 for nonmembers. [Register](#).

Paddles Up Niagara

Paddles Up Niagara, sponsored by the Niagara Greenway Commission, is a family friendly and safe way to experience the natural areas and unique habitats of the Niagara River. The event on **July 27** from 7am to 1pm will be fun for everyone. Whether you are a novice or an experienced paddler, you will enjoy spending the morning with an enthusiastic paddling community. Guides and safety paddlers will be on hand to assist and answer your paddling questions. [Click Here to Register](#)

Apply for Changemakers: A Community Power Fellowship

Cooperation Buffalo is excited to announce that we are now accepting applications for our first cohort of [Cooperative Changemakers: A Community Power Fellowship](#)! For 10 Wednesdays from September 4th through November 6th, participants will engage in classroom training with experts in the skills required to be a changemaker in the cooperative movement, including cooperative business development, finance, governance, democratic decision making, and conflict resolution. On Wednesday, November 13th, the Fellowship course will end with a graduation celebration. Applications are due by **August 1st** and the Fellowship is offered free of charge. For more information visit www.cooperationbuffalo.org/fellowship, or contact us at info@cooperationbuffalo.org or (716) 541-0407.

Roger Tory Peterson Institute Jamestown Summer Soiree

The Institute's Summer Soiree will be held **Saturday, July 20** from 6-9pm. It's hard to imagine a better way to spend a mid-summer evening than underneath the tent at RTPI. Delicious food, wine, jazz and cake to celebrate the 90th anniversary of the publication of the first Peterson Field Guide and the 40th anniversary of the founding of RTPI. Proceeds from this year's Soiree will go to supporting RTPI's [Artist-in-Residence Program](#), which nurtures the next generation of nature artists whose art truly Matters to the Planet. Tickets are selling fast. [CLICK HERE](#) to purchase your Soiree tickets today.

Sustainable Business Roundtable 10 Year Anniversary Celebration

Join us on **August 4, 2024** from 4-7pm, at Kin Loch Farmstead in Lockport, for a remarkable evening commemorating a decade of impact at the WNY Sustainable Business Roundtable's 10th Anniversary Celebration. This landmark fundraising event celebrates SBR's progress and accomplishments while raising crucial funds to support our continued good work in the WNY community. [Tickets and info.](#)

Rollin' on the River: Slow Roll Fundraiser

Spend **Saturday August 10** evening [Rollin' on the River](#). It isn't just about providing an exceptional boat-ride experience—it's also a meaningful endeavor dedicated to supporting a cause close to our hearts. Our cruise aboard The Harbor Queen serves as a fundraiser to support keeping Slow Roll Buffalo's rides free and inclusive for all. Every ticket sold directly supports Slow Roll Buffalo's nonprofit mission to provide free and inclusive cycling events that bring people together, foster genuine connections, and promote a healthier, more vibrant city for all residents. Boarding will be at 6:30pm, we invite you to savor the delicious cuisine, sip on refreshing drinks, and immerse yourself in the beauty of the river and the power of connection and conversation, knowing that you're also making a difference. Together, let's keep Slow Roll Buffalo rolling forward, one pedal stroke at a time. [Tickets.](#)

Raising the Roots for Food Equity

The Massachusetts Avenue Project (MAP) invites you to our 6th Annual "Raising the Roots for Food Equity" fundraiser on **Saturday, August 24th** from 12pm to 4pm at MAP's Urban Farm & Farmhouse located at 387 Massachusetts Avenue. This is a farm-to-fork tasting event featuring local chefs and food businesses who will be preparing signature dishes starring seasonal produce grown by local farmers including MAP's urban farm. Guests can indulge in farm fresh foods along with a selection of beer, wine, and other beverages at various stations while enjoying live music, exploring our farm and various activities! <https://www.mass-ave.org/raising-the-roots>

The Land Conservancy to Host Bestselling Conservation Journalist Ben Goldfarb

Join the WNY Land Conservancy for a free talk with conservation journalist Ben Goldfarb on **Wednesday, August 28** from 7 to 8:30pm at Trinity Episcopal Church. His first book, *Eager: The Surprising, Secret Life of Beavers and Why They Matter*, was a breakout sensation in 2019. His second book, *Crossings: How Road Ecology is Shaping the Future of Our Planet*, is a critically-acclaimed study of how roads have fragmented and transformed habitats around the globe.

Paws in the Park: New Location

Paws in the Park is back this year with an exciting new location! Join us at the Stables at Knox Farms State Park on **Saturday, September 21** to celebrate 30+ years off making lifesaving differences of animals in care at the SPCA Serving Erie County. Each year, your participation at Paws in the Park helps to drive fearless and crucial change as we walk together toward a more humane community through education; rescuing, protecting, and enhancing the lives of animals; and nurturing the bond between animals and people. [Registration is now live!](#)

Food Policy Council Welcomes New Members

Erie County is actively recruiting community-minded individuals to serve as members on the Food Policy Council (FPC). The ideal applicant resides in Erie County and shares the common mission of the FPC – to advocate for an equitable and sustainable food system. The FPC is looking for individuals to serve on the Council that have professional experience in fields related to food production, distribution, retail, procurement and/or education. To apply, please visit [this link](#)

Arts and Culture Community Survey

Take the survey above to help Erie County and the Greater Buffalo Cultural Alliance create a plan for arts and culture across the county! Even if you do not consider yourself familiar with arts and culture, your input is valuable! It will help to better understand the needs of artists, arts organizations, residents, and visitors. The purpose of the plan is to guide decision makers on how the arts can enhance and further civic concerns while uplifting audiences, artists, and arts and culture groups/organizations. To access the survey, visit: www.research.net/r/eriecountyculturalplan

Erie County Household Hazardous Dropoffs

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

Harmful Algal Bloom Notifications

Visit [NYHABS](#), DEC's harmful algal bloom notification map to view locations of freshwater HABs in New York State that were reported recently. Click on a dot for more info, including the date it was reported, the waterbody name, and pictures. Click on the arrow at the bottom of the screen to view a list of reported HABs. Instructions on how to use NYHABS are on DEC's [HABs notification webpage](#). You can report a suspected HAB using the NYHABs online [reporting form](#).

Climate Action Plan Group Presentations

Would your group like to learn more about the Erie County Community Climate Action Plan with a fun interactive presentation? From Elementary Schools to Scout Troops to Senior Centers, we are ready to share the plan and listen to your ideas. Contact the Climate team at sustainability@erie.gov.

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!

Nature Quests for Families

Discover summer fun with our [Nature Quests](#). These bite-sized, outdoor and indoor adventures, keep kids engaged and learning through hands-on activities such as bird walks, bird bingo, designing bird feeders and so much more. What will you discover on your quest?

Look Out for Giant Hogweed

Giant hogweed plants are beginning to bloom across many parts of the state, making it a prime time to spot this harmful invasive species. Giant hogweed is a large, flowering plant from Eurasia with sap that can cause painful burns and scarring. Adult giant hogweed plants tend to be 7-14 feet tall with an umbrella-shaped cluster of white flowers up to 2.5 feet wide. The stem is green with purple splotches and coarse white hairs, and leaves are large (up to 5 feet across), incised, and deeply lobed. The most common lookalike found in NY is our native cow parsnip, which flowers earlier and does not have the purple splotches on the stem (but can also cause burns). You can [find more identification tips, including a table of other lookalikes](#), on our website. If you think you have found giant hogweed: Report your sighting to DEC by emailing photos and location information to ghogweed@dec.ny.gov or by calling (845) 256-3111. DEC staff will help you identify whether the plant is giant hogweed and provide you with information about giant hogweed control methods and DEC's control program.

Join a Sustainability Book Club

Jennifer Arconti Fleming is starting a Sustainability book club to meet for the next few months. If anyone wants to sign up they can email jarconti@gmail.com to sign up. Dates and times will be set with those who are interested.

Solo Sweep Cleanups

Help support Buffalo Niagara Waterkeeper's mission to protect and restore our water by participating in a Solo Sweep – anywhere, anytime that works for you! Pick up litter, record the data, and join us in advocating for clean water here in Western New York and throughout the Great Lakes region. [Pledging](#) helps us keep you informed on the results, connect you with potential rewards for your work, and notify you of places in need! [Download the App](#) to monitor trash.

NFTA Parks Adventure Bus

On select Saturdays, NFTA-Metro is sending out the Parks Adventure Bus to parks around the region. Oh, and it's FREE. There is no fare for these trips, both ways. Paratransit clients: Service to each park will also be provided on PAL for eligible riders. You can reserve trips arriving at the park at 1:00PM. Vehicles will leave the park at 4PM. Full schedule and details here: <https://metro.nfta.com/programs/parks-adventure-bus>

STEMcyclist Summer Camp 2024!

Slow Roll is pleased to announce our role as a partner organization in the STEMcyclist summer camp, housed at University at Buffalo through 2026. Encourage students grades 9-12 to register. The program runs **July 9-18, 2024** with additional program activities in September and October 2024. The STEMcyclists program is one that will use bicycles as an innovative way to get students interested in science, technology, engineering and mathematics (STEM) has received a nearly \$2 million National Science Foundation grant to ensure the practice continues. For info, contact nwaight@buffalo.edu

DEC Accepting Comments on Threatened and Endangered Species Regulations

The New York State Department of Environmental Conservation (DEC) today announced the start of a public comment period for threatened and endangered species draft regulations. While no specific substantial changes to existing threatened and endangered species protections are included in the rulemaking, DEC is accepting comments until **July 16, 2024**. DEC is holding two virtual public hearing sessions on **Tuesday, July 9, 2024 at 1:00 pm and 6:00 pm**. The draft regulations and details for the hearings and comment period are available on [DEC's website](#).

STAMP Permit Terminated, but Fight Continues

The U.S. Fish and Wildlife Service has recently rescinded the permit that would allow construction of the sewage pipeline for the WNY STAMP project. This project would impact the Tonawanda Seneca Nation and their homelands and the Iroquois National Wildlife Refuge! For a full explanation of the project and its problems, read the Investigative Post article [here](#).

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 Zero-emission Vehicle (ZEV) Rebate Program—Applications Now Open

The next round of [DEC's Municipal Zero-emission Vehicle \(ZEV\) Rebate Program](#) will provide \$750,000 to municipalities for the purchase or lease of zero-emission light- and medium-duty fleet vehicles. These municipal zero-emission vehicles will help New York achieve the greenhouse gas emission reduction requirements as part of the State's Climate Leadership and Community Protection Act (Climate Act). A total of \$750,000 is available from DEC for municipalities to apply for funding on a first-come, first-served basis on a rolling basis through Sept. 27, 2024, or until funds are exhausted, whichever occurs first. [More details can be found in the Request for Applications \(RFA\)](#) posted on the DEC website. Applications are available through the [NYS Statewide Financial System Grants Management System](#).

Beech Leaf Disease

This [article](#) discusses the cause of beech leaf disease (BLD), the lifecycle of this nematode (*Litylenchus crenatae* ssp. *mccannii*), the symptoms of BLD, and treatments. In spring (May-June), there are few nematodes in diseased leaves, their numbers increase over the summer (July-August) and reach peak numbers in late summer through early fall (September-November). As the numbers build up within the leaves, nematodes will migrate from the infected leaves into to the newly forming buds. Once nematodes reach the new bud, nematodes will feed on the bud tissues, which causes cell enlargement of the bud scale cells and negatively affects the overall architecture of the developing young leaves by increasing their number of cell layers. This damages the next generation of leaves and repeated damage will kill infected beech.

Get Paid to Work on Climate Solutions

The American Climate Corps is now open for applications, inviting all who are eager to build a more equitable and sustainable future through service and hands-on job training. With more than 2,000 positions initially available—this initiative offers a broad spectrum of opportunities to join. Launched by President Biden, the American Climate Corps will empower a new, diverse generation to tackle environmental injustice and take on the greatest challenge of our time—the climate crisis. Through our collective action, we are forging a clean energy, climate resilient future—in our own communities, and across the nation. Are you part of the next generation of creators, thinkers, leaders and doers, and want to be empowered with the tools to take on the climate crisis, and to advance the clean energy economy of tomorrow? Become part of this groundbreaking movement by visiting [ClimateCorps.gov](#) today and explore how you can contribute to the fight against climate change.

NY State Transportation Master Plan Survey

Give your input and help the New York State Department of Transportation (NYSDOT) develop the Transportation Master Plan 2050! The Master Plan will define a long-range statewide transportation vision and will guide policies and priorities for New York State's transportation system with an outlook to 2050. Take a two-minute survey and share how New York State's transportation system works for you: <https://publicinput.com/j1748>.

City of Buffalo Food Composting Collection

Farmer Pirates Compost has contracted with the City of Buffalo to provide **free** composting service to residents! Sign up [here!](#)

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.](#)

Coordinated Human Services Transportation Plan: Take the Survey

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

Updated IRA Electric Vehicle Tax Credits Explained

The Inflation Reduction Act (IRA) established a multitude of federal income tax credits aimed at lowering the cost of clean energy equipment and energy efficiency upgrades for households. As of January 1, 2024, several rule changes took effect that impact how the IRA tax credit can be claimed and which electric vehicle (EV) models qualify. Visit fueleconomy.gov [🔗] for the most up-to-date list of eligible new EVs and our [IRA Vehicle Guide](#) for a list of EV models that qualify for both the IRA tax credit and Drive Clean Rebate. New York's [Drive Clean Rebate](#) of up to \$2,000 has 60 eligible models.

Garden for Wildlife Webinar: Restoring Biodiversity

A recording is available for gardening for wildlife and using native plants in your landscape. View it at <https://www.youtube.com/watch?v=PzrJthHc12E>

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

Have an Apiary?

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

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).

Western New York Young Birder Club

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

Municipal Training Resources from LEWPA

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

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 its 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 current lists of eligible EV charging equipment and network providers can be found at nyserda.ny.gov/Charge-Ready-NY.

Make Cigarette Butts Part of Your Cleanups

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

Reuse Action in Action: Source for Reusable Materials

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

Grants for Youth Field Trips

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

Clothing Recycling in Schools

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

Road Marker Technology Could Cool Cities by up to 20°C

Engineers are using retroreflector technology, based on prisms and reflective materials, to direct sunlight back into the sky and out of the urban environment. Equipping building walls and roadways with these retroreflective materials could reduce urban temperatures by up to 20°C, they report in the journal [Nature Cities](#). It should also notably improve air temperatures and human skin temperatures.

Resumption of Aircraft-Based Survey of Erie and Niagara Counties

The aerial radiological survey of Erie and Niagara counties was suspended last fall due to weather-related complications. Flights are expected to resume the week of June 24 and anticipated to continue through this summer. This survey is being completed in partnership with the U.S. Environmental Protection Agency (EPA). This survey is being conducted by a single-engine, low-flying plane called the [Airborne Spectral Photometric Environmental Collection Technology \(ASPECT\)](#). The plane is equipped with a suite of sensors for measuring potential radiation sources. The various sensors on the plane generate data to help assess the presence of material at ground level that could contain radiological material. Photographs of property will not be taken during the flyover. Western New York was a hub for the manufacturing of atomic weapon components during World War II and other industries using or producing radiologic materials. This aerial survey is being performed out of an abundance of caution to provide the most current and scientific information to complement a similar aerial radiological survey of the region that was previously conducted in 1984 that assessed the extent of potential use and distribution of biproducts and waste material containing radiological material. The current survey will supplement the prior data and be used by State and federal experts to guide any follow-up on-the-ground surveys and sampling.

Types of Electric Vehicle Charging

Are you thinking about getting an electric vehicle but don't understand the charging options and times? There are several ways to charge depending on location and outlet voltage. For home charging: with Level 1 you plug into your standard 120V outlet, but charging is slower; level 2 uses a 240V outlet (similar to an electric dryer) and full charge is between 4-6 hours. For public charging: level 2 uses 240V chargers and can be found at shopping centers, schools, etc., while level 3 uses 480V and allows fast charging in 30 minutes-these chargers are most often found at thruway rest stops. Certain electric vehicles do have tax credits associated with their purchasing. [Check out the list and info.](#)

Tea Bags and Composting: Not so Straightforward

Some teabags manufactured using plastic alternatives do not degrade in soil and have the potential to harm terrestrial species. New research looked at commonly available teabags made using three different compositions of polylactic acid (PLA), which is derived from sources such as corn starch or sugar cane. The teabags were buried in soil for seven months, and a range of techniques were then used to assess the extent of deterioration. Results showed that teabags made solely from PLA remained completely intact. However, the teabags made from a combination of cellulose and PLA broke down into smaller pieces, losing between 60% and 80% of their overall mass and with the PLA component remaining. The study also examined the impacts of the discs cut from the teabags on a species of earthworm, *Eisenia fetida*, which has a critical role in soil nutrient turnover as it consumes organic matter. Researchers found that being exposed to three different concentrations of teabag discs – equivalent to the mass of half, one and two teabags – resulted in up to 15% greater mortality, while some concentrations of PLA had a detrimental effect on earthworm reproduction. Read more [here](#).

Major Battery Development

Cornell University Researchers have created a lithium battery that can charge in under five minutes, while still delivering a stable performance through repeated “charging and discharging” cycles. Lithium-ion batteries have been popular for electric vehicles because they’re lightweight, energy efficient, and have a long life. For all of a lithium-ion battery’s benefits, it also comes with downsides, including the time it takes to charge and issues handling a large surge of current. The researchers instead found that a metal called indium, often used for touchscreens and solar panels, helps with fast charging and storage in batteries. Their battery uses indium anodes (lithium-ion battery anodes typically use graphite coated on copper foil). With a five-minute charging time, drivers may not need to worry about how many miles their EV battery can last on one charge, a concern dubbed “range anxiety.” A [paper](#) on the work was recently published in the journal *Joule*.
<https://www.fastcompany.com/91016543/scientists-just-invented-an-ev-battery-that-can-fully-charge-in-5-minutes>

Urban Gardening Tips Video

Echo Garden Farms in Florida provides ways to farm and garden in urban settings. It explores practical methods such as wicking beds, tire gardens, and using recycled materials to create thriving gardens in urban areas. View their video [here](#).

P2I's Greenhouse Gas Emissions Courses

The New York State Pollution Prevention Institute (P2I) has released two climate change courses that are free and available for anyone to complete online at their own pace. The [Greenhouse Gas Basics Course](#) provides an overview of the fundamentals of Greenhouse Gases (GHGs) and explains how GHGs impact climate change. It describes how to quantify and compare GHG emissions and characterize Scope 1, 2, and 3 emissions. The course is designed for anyone that wants to understand the basics of GHGs, such as corporate leadership, sustainability professionals, and concerned citizens. The [Greenhouse Gas Emission Reduction Potential](#) (GHG ERP) Course is geared more towards businesses that want to quantify their GHG emissions. It explains how to [estimate](#) potential GHG reductions associated with a product, technology or system. This course was designed for technology start-up companies but may also be useful for anyone looking to reduce the carbon footprint of their business. P2I's Greenhouse Gas Emission courses were made possible through funding provided by the Environmental Protection Fund as administered by the New York State Department of Environmental Conservation.

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.nyserda.ny.gov/All-Programs/Clean-Energy-Workforce-Development-and-Training/For-Job-Seekers-and-Students>.

Climate Impacts of Plastics

According to a recent report published by United Nations Partner GRID-Arendal, “**between 3.8 and 4.5 percent of global greenhouse gas emissions**” are emitted throughout the lifecycle of plastics (2024, p. 3). This report, *Climate Impacts of Plastics*, focuses on the opportunity posed by UNEA Resolution 5/14 (“End plastic pollution: Towards an international legally binding instrument”) to advance global efforts and accountability in addressing the climate impacts of plastics. Read the full report [here](#).

NY State Clean Hydrogen Grants

Governor Kathy Hochul has recently declared the availability of over \$16 million to foster innovation in clean hydrogen via the Hydrogen and Clean Fuel Program. This allocation is aimed at bolstering research, development, and demonstration projects, and to enhance federal hydrogen funding opportunities, thereby encouraging clean hydrogen application in industrial procedures, clean transportation, energy storage, and grid support. This initiative aligns with the state's premier Climate Leadership and Community Protection Act's objective of transitioning to 100% zero-emission electricity by 2040.

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. Benefits include: Free vehicle entry to State Parks and DEC-operated campgrounds and day use areas, boat launch sites, historic sites, arboretums, and park preserves, Free greens fees at State Park-operated golf courses, Free swimming pool entrance to pools operated by State Parks and Discounted campsite and cabin rentals at State Parks- and DEC-operated campgrounds (applied at the time of check-in). [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.

Heat Pump Water Heaters

Replacing an inefficient water heater with a heat pump water heater represents a prime opportunity to cut home energy costs and greenhouse gas emissions. Water heaters may account for up to 20% of the energy consumption in an average household. By switching to an energy-efficient heat pump water heater, households can save hundreds of dollars. These heat pump water heaters are also eligible for New York State incentives and [Inflation Reduction Act \(IRA\) tax credits](#). Read more at: <https://www.nyserdera.ny.gov/Featured-Stories/All-About-Heat-Pump-Water-Heaters>

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.

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.

Statewide Greenhouse Gas Emissions Report

DEC's 2023 Statewide Greenhouse Gas Emissions Report describes statewide GHG emissions from 1990 to 2021, expressed in tons of carbon dioxide equivalents, from all sources in the state. This annual inventory tracks trends of greenhouse gas emissions as part of the State's ongoing implementation of the Climate Act and helps to measure progress in reducing GHG emissions across various economic sectors. The [report is available on DEC's website](#). The complete, detailed dataset of emissions totals used to inform the report is [available via Open NY](#).

Key Competencies in Sustainability

A new learning module was developed by GCSE with input from Dr. Katja Brundiers and Dr. Jordan King, GCSE Fellows, and the [Sustainability Education Community of Practice](#). The course offers participants the opportunity to explore the eight interrelated Key Competencies in Sustainability and apply sustainability thinking to a local sustainability challenge using the accompanying workbook (left). The module is currently in a beta-testing phase, and will be published online in May, 2024. This resource will be free for use in college classrooms, campus sustainability projects, workplace professional development programs, and other settings.

Participate in a Program Pilot: Addressing Climate Emotions in Schools

Climate Mental Health Network and the National Environmental Education Foundation are seeking participants to pilot a new set of resources created for public middle school teachers in Fall of 2024. These resources aim to prepare teachers to teach about climate change in developmentally appropriate ways and effectively respond to students' emotional reactions to this issue. Teachers that participate in all parts of the program receive \$500. [Learn more.](#)

New Food Solutions Curricula Launched for Elementary School

Are you a K-2 educator or know one? We have a new free resource for you! After months of planning, writing, and editing, [Food Solutions: Climate Change Action for K-2](#) is available for download! By engaging our students in critical thinking and problem solving about complex issues like our food system and climate change, we prepare them to be leaders and participants in making their communities more resilient to climate change, now and in the future. [Download.](#)

Teacher's and Home-Schooling Resources

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

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

[PBS Learning Media: What's Bugging You?](#)- video collection introduces students in Grades 6-12 to the world of insects and entomology. Entomologist Dr. Art Evans and radio producer Steve Clark co-host this animated series of six videos that each capture the look of a field notebook with handwritten observations and illustrations.

[Science & Nature Activities for Cooped Up Kids](#)-This resource provides educators and parents with relevant and fun materials to engage K-8 learners in the world of birds. Capture kids' curiosity with 15 topics including bird diversity, life cycles, bird identification, and conservation.

[Earth Day Playlist](#) for teachers and high school.

[Energy Card Game](#)-participants trace back the source of energy for a variety of items to find that they ultimately derive from the Sun. This is a simple activity that lets students move around and discover an aspect of their everyday lives that may not have been apparent to them already. This activity is intended for grades 3-8.

[Activity: Data Puzzle: The Tipping Point](#)-middle and high school students analyze and interpret data on the reproduction of moss campion plants to explore how increasing temperatures could impact these specialized tundra plants.

["Taking Flight - Flying and Migration" March lesson](#)-engaging activities to understand why birds migrate and learn about the obstacles they encounter. For grades 1-6.

"[Activity 6 - Flight and Migration](#)"- explore the adaptations that birds have for flight and the ways flying helps birds succeed: finding food, escaping predators, and courting mates, to name a few. For grades K-8.

[Worldwide Climate and Justice Education Week](#)-. Teachers can join a global movement for Earth Month by participating in *Making Climate a Class or Event* during April 1-8.

[New Nature-Based Inquiry Unit! *Students as Scientists*](#)

[Teaching about Wasted Food](#)-EPA materials to educate youth on effects of wasted food.

[WILD HOPE](#) is a new series of short digital videos that crisscross the globe and spotlight the changemakers and scientists who are restoring and protecting our natural world. The modern crisis of biodiversity loss is massive, but the solutions are real and effective — and their stories inspire hope that wildlife can and will be restored.

[Teach Engineering: Grow Your Own Algae Engineering Activity](#)-Through hands-on learning, students in Grades 7-10 learn how engineers use species of algae to recover the nutrients found in wastewater. Students will set up an apparatus to monitor changes in local water samples over several weeks.

[USDA Agricultural Research Service: Plant Growth and Root Development](#)- students ages 10 and older test the effect a hard soil layer has on plant growth and root development. Students set up three experimental growing stations using cups to record their observations of plant growth under different soil conditions over several weeks.

[Sorghum Curriculum](#)-The materials presented here by the Sorghum Checkoff will help you introduce sorghum to your students. Find tailored curriculum content and activities for Kindergarten to 12th grade students.

[Educational Resources for Online Ecological Teaching](#)-NEON offers a variety of tools and resources for instructors and faculty moving to online teaching. The data and resources from NEON are naturally suited for teaching ecological concepts and skills in both synchronous and asynchronous learning situations.

[GEEP e-book *Environmental Education in Action: Learning from Case Studies Around the World*](#) explores the world of environmental education (EE) case studies—studies that reflect the complexity, messiness, beauty, and diversity of EE programs across the planet that strive to create a more sustainable future for us all.

[Say What?! Grades 4+](#)- Investigate idioms and their meanings with *Say What?!* - a clever new digital series about animal expressions designed for use in elementary ELA classrooms as well as for English Language Learners in grades 4 and up.

[Monitoring methane and human health](#)-students will learn about the climate and human health impacts of natural gas extraction.

[The Erie Canal Adventure: Unlocking the Waterway Wonders](#). This 40-minute video shares Erie Canal’s impact on the development of New York, and includes two lesson plans, “Fishing in Western New York” and “Make a Canal Boat.”

[Using the Outdoors as an Extension of Your Classroom](#)- describes the benefits of contact with nature for students and tips developed by a teacher to get students in urban schools closer to nature. The tips start with simple and accessible ways to teach in contact with nature and build up to regular nature immersion days per week.

[Decomposition: Leaf & Soil Collection](#)-Engage your students in figuring out why the amount of leaf litter differs between species in this lesson from the Cary Institute of Ecosystem Studies’ School Woodland Biodiversity unit for Grades 6-12. Students will collect and analyze leaf litter data from different trees using a transect and hula hoop/quadrat and will conduct soil nutrient tests on soil samples.

[How to Productively Reframe Eco-anxiety as a Science Communicator or Educator](#)-STEM Teaching Tools Practice Brief 80 addresses eco-anxiety.

[Never Home Alone: The Wildlife of Homes](#)- iNaturalist citizen science project from the Public Science Lab that aims to document the species that live indoors with humans, including but not limited to arthropods. The Classroom Edition webpage includes lessons for students in Grades K-5 to accompany the citizen science project.

[Plant Disease Detectives](#)-students act as detectives to describe common plant diseases and how these communicable plant diseases are spread. The activities are downloadable as Word documents and include case studies for the student “detectives,” ages 14-16.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Additional resources](#)

Contests, Fellowships and Awards

[2024 Global E-STEM Awards](#) presented by Pratt & Whitney and NAAEE, support promising programs across the globe as they build environmental literacy, STEM skills, and pathways to environmental careers. Organizations that inspire students to take action on climate change solutions, sustainable energy, and/or sustainable transportation are encouraged to apply! Deadline: **July 8**

[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

[2024 Global E-STEM Awards](#)-presented by NAAEE and Pratt & Whitney, will provide funding of up to \$15,000 for Innovation Grants and \$50,000 for Excellence Prizes to non-profit organizations and their partners for E-STEM programs that engage students ages 11–22. The goal of this program is to increase students' environmental literacy through STEM learning, build STEM interest and skills, and create pathways to environmental careers. Deadline: **July 9**.

[Rapid Response Fund for Aquatic Invasive Species](#)- proposals for projects that support efforts to plan a response or deploy response measures to a new detection of a potentially invasive species. Response efforts must target an aquatic invasive species, defined as non-native plants or animals that reside in fresh, wetland, estuarine, or marine waters. Deadline: **July 15**.

[Small Business Grants Available](#)-The Exchange at Beverly Gray is launching a Small Business Technology Micro-Grant Program designed to support small businesses owned by Black, Indigenous, and People of Color (BIPOC). \$50,000 will be distributed to forty businesses. Deadline: **July 22, 2024**.

[Climate Smart Communities Grant Program](#) to help municipalities take action to address climate change. Funding is available for projects that reduce greenhouse gas emissions and adapt to the ongoing impacts of climate change. In addition, up to \$1,000,000 is available for grants of between \$10,000 and \$200,000 for planning, inventory, and assessment projects that are aligned with certain [Climate Smart Communities certification actions](#) in the areas of greenhouse gas mitigation, transportation, climate adaptation, and land use. Deadline: **4 p.m. on Wednesday July 31**.

[Consolidated Funding Application](#)- Opportunities for energy, climate action, water quality and other initiatives. Deadline: **July 31**.

[Tree and Soil Research Fund Grant Program](#) -Supports projects with research of interest to the landscape architecture community with special focus in the area of trees and soils that support them. Award amount: up to \$10,000 (minimum \$5,000). 100-Word Letters of Inquiry (LOIs) accepted **August 1 to September 15, 2024**. For approved LOIs only, applications accepted August 1 to October 1, 2024.

[Environmental Justice Community Impact Grants](#) -Grants will support community-based organization projects that engage their communities around environmental justice issues and deploy community-driven solutions. Deadline: **Aug. 7, 2024 at 3:00 pm**.

[Our Town Creative Placemaking Grant](#) - the program supports activities that integrate arts, culture, and design into local efforts that strengthen communities over the long term. Our Town projects engage a wide range of local stakeholders in efforts to advance local economic, physical, and/or social outcomes in communities. Competitive projects are responsive to unique local conditions, develop meaningful and substantive engagement in communities, center equity, advance artful lives, and lay the groundwork for long-term systems change. Deadline: **August 1 for Part 1**.

[Northeast SARE Research for Novel Approaches Program](#)-This program funds “proof of concept” applied agricultural research projects intended to confirm the benefits and/or feasibility of new practices and approaches that have high potential for adoption by farmers in the near future. Pre-proposals are due **August 6, 2024**.

[Livestock Conservancy Microgrants](#)-This program provides support from \$500 to \$2,000 for farm-related improvements by residents and organizations in the United States who are actively working with livestock and poultry breeds listed on the Conservation Priority List. Applications must be postmarked before **August 15, 2024**.

[New Green Resiliency Grant Program](#)- will provide grants to flood-prone communities and help them undertake innovative green infrastructure projects such as green roofs, green streets and permeable pavement. GRG is being administered by the New York State Environmental Facilities Corporation (EFC). Applications are due **August 16, 2024**.

[Community Reuse Grant](#)- NYSAR³ has developed the Community Reuse Grant to recognize community-based partnerships, businesses, groups, or non-profit organizations whose work has or will lead to lasting benefits that enhance community quality of life and ensure stewardship of the environment. This grant is meant for reuse initiatives, projects that focus on recycling initiatives will not be considered. Reuse is any activity that lengthens the life of an item, either for its original purpose or for a new purpose. Deadline: **August 30**.

[Game On-Community Places to Play Grants](#)-\$50K-\$100K grants to create or renovate multi-use youth sport spaces for youth ages 6-24 years old in under-resourced communities. Special consideration will be given to programs that support youth development, including civic engagement & leadership. Deadline: **September 5**.

[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. **Rolling** awards until Deadline: **November 21, 2024**.

[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. Conference grant applications have a direct relationship to advancing the mission of NIEHS. In order to be responsive, all conference grant proposals must focus on or clearly indicate relevance to advancing our understanding of the role of environment and/or gene-environment interactions in disease/dysfunction. Deadline: **Rolling**.

[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**.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Employment and Internship Opportunities

[Professional Engineer 2 \(Environmental\)](#)- DEC Buffalo Environmental Remediation, Deadline: **July 3**

[Environmental Program Specialist 1/ Trainee 1& 2](#)- NY HELPS, Deadline: **July 10**

[Radio Engineer](#)- DEC, West Almond, Deadline: **July 10**

[Assistant Land Surveyor/ Land Surveyor Trainee](#)- NY HELPS, DEC, Allegany, Deadline: **July 10**

[Ag and Master Gardener Educator](#)- East Aurora Office, Deadline: **July 3**

[Urban Gardening Educator](#)- Cornell Cooperate Extension, Deadline: **July 3**

[Food as Medicine Program Manager](#)-Field and Fork Network

[Summer Workers for July 8 to 19-Stem Cycling](#)- Instructors will teach the kids involved in the program how to build the program's bikes. Duration is 6 days, 4 hours a day, \$40 an hour. Would ideally like folks with some prior experience working with youth. Apply to be an instructor by emailing adam@gobikebuffalo.org.

[Kitchen Team](#)- Massachusetts Avenue Project for Kitchen Manager and Value-Added Product Coordinator

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

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

[Animal Care](#)-Erie County SPCA, part-time

[Behavior Assistant](#)-Erie County SPCA, full-time

[Community Outreach/Research Coordinator](#)- Erie County SPCA, full-time

[Stewardship Director - Genesee Valley Living Conservancy](#) -full-time. Position is open until filled. Ideal start: week of July 1.

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

[2024 Conservation District Assistant: Niagara County Soil and Water](#)

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

[Watercraft Inspection Steward/Environmental Educators: WNY PRISM](#)-Field work, multiple locations.

[Communications Coordinator: Preservation Buffalo Niagara](#)- Full time.

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

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

[Erie Taste NY Store Clerk: Grand Island, NY](#)

[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](#)

Upcoming Community Activities:

Monday, July 1

Red White and Blue Monday Night Community Ride-6:30 - 9:30 PM, [St Casimir Church](#) 160 Cable Street, Buffalo, NY, 14206. [Register to ride.](#)

Fossils of Western New York- 1pm. City of Tonawanda Public Library. Uncover the past and explore the ancient history of Western New York with Penn Dixie Fossil Park & Nature Reserve, ranked the #1 fossil park in the US in a 2011 independent study. Learn what animals lived in this region 380 million years ago, how the Earth has changed since, and what those fossils look like today.

1st Saturday at Pelion Outdoor Classroom- 10am volunteer opportunity at Pelion Outdoor Classroom at City Honors School, Best Street, Buffalo, NY, USA.

https://www.facebook.com/events/1116705052852304/1116705056185637/?active_tab=about

Tuesday, July 2

Sunset Stroll-08:00 PM - 09:30 PM at [Knox Farm State Park](#). Enjoy the rolling hills of Knox Farm as the sun sets during this evening walk. For ages 8 and up. Registration Required on [Eventbrite.com](#).

Buffalo Then and Now-2pm at the Eden Library. In this compare-and-contrast presentation, see what the sites of some of your favorite Buffalo buildings looked like one hundred years ago! This presentation will show what various locations around the Queen City looked like in 1918, juxtaposed with their 2018 appearance. You'll be surprised by how much the city has changed, and in some ways remains the same!

Webinar: Building a Future for Endangered Red Wolves-1pm [webinar](#). Red wolves are the world's most endangered canines, with fewer than 25 left in the wild. In just the past year, five were killed by vehicle strikes along or near Highway 64 in eastern North Carolina, which passes through the heart of red wolf habitat. Learn about a campaign to raise funds to save them.

1st Tuesday at Pelion Outdoor Classroom-3:30pm. Volunteer opportunity at Pelion Outdoor Classroom at City Honors School, Best Street, Buffalo, NY, USA.

https://www.facebook.com/events/925526989054021/925527012387352/?active_tab=about

Wednesday, July 3

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>

Thursday, July 4 Happy 4th!

Friday, July 5

What's Bugging You: Japanese Beetle Management and Aphid-Eating Insects-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 wholistic 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](#).

Stroll at the Falls-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). Join us for a casual stroll to Prospect Point and around Goat Island to view the Falls and explore what makes this park so unique! Registration available at [Eventbrite.com](#) but not required.

Goat Island Evening Walk- 7:30 PM - 09:00 PM at [Niagara Falls State Park](#). Explore and experience the beauty of Niagara Falls at sunset on a guided tour. Registration available at [Eventbrite.com](#) but not required.

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. [Register](#). Buffalo Audubon Members – Free, General Admission - \$10.00.

Saturday, July 6

Amherst and Williamsville Garden Walk-10:00 am – 4:00 pm. For more information go to: <https://www.gardensbuffaloniagara.com/events>

Family Wellness Walk-10:30am. Help your health by joining a relaxing walk in the woods. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

Bird Banding Observation- 8am to 11am slots. [Sign up](#) for a one-hour time slot and learn all about our bird banding study at Beaver Meadow! Learn about why we are monitoring our bird population, how we catch them, and what we have learned! Don't forget your camera! Members: \$10.00 - General Admission \$15.00

Woods Walk: Turtles-1pm. It's summer—and if the sun is out, so are the turtles. We'll check out their habitats and see what we can find. Reinstein Woods Nature Preserve, Depew. No registration required.

Length of the Gorge Series: Artpark-10:00 AM - 01:00 PM at [Artpark State Park \(Earl W. Brydges\)](#). Join us on a hike that takes on a portion of the Niagara Gorge! Each week we will cover a new portion of the gorge. Participants must be 8 years or older. Registration Required on [Eventbrite.com](#).

Tales of Tightropes and Daredevils-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). Join us on this guided walk on Goat Island as we share the tales of daredevils and funambulists of Niagara Falls through the years. Registration available at [Eventbrite.com](#) but not required.

Goat Island Evening Walk-7:30 PM - 09:00 PM at [Niagara Falls State Park](#). Explore and experience the beauty of Niagara Falls at sunset on a guided tour. Registration available at [Eventbrite.com](#) but not required.

Fossil Hunting for Beginners 2024- 10am to noon at Penn Dixie. Learn the tricks of the trade while touring the site with one of our trained educators! During this two hour tour, we'll teach you how to find, dig, and preserve all the fossil treasures you find. Bring your own tools or rent from our limited supply. No experience is necessary! Recommended for fossil hunters ages 7 & up. This program will run rain or shine, dress for the weather. For more information, please visit: penndixie.org/fossil-hunting-for-beginners/

Joint Venture 3-1 to 4pm. Joint Venture 3 is Slow Roll Buffalo's annual curated ride-experience and fundraiser, exploring Buffalo's cannabis culture, education and legislation. Riff City Buffalo, 166 Chandler Street, Buffalo, NY, 14207. [Tickets for Joint Venture 3 available here](#)

Public Night Buffalo Astronomical Association : Beaver Meadow Observatory-7 to 11pm at Beaver Meadow Nature Center.

Sunday, July 7

Amherst and Williamsville Garden Walk-10:00 am – 4:00 pm. For more information go to: <https://www.gardensbuffaloniagara.com/events>

Hike Through History-2:00 PM - 03:30 PM at [Niagara Falls State Park](#)

Discover the important people and events that created and protected our nation's oldest state park on this guided walk. Registration available at [Eventbrite.com](#) but not required.

Monday, July 8

Slow Roll: Connecting People by Bike Ride - STEMCyclist Program Monday Night Community Ride from 6:30-9:30 PM, Colonial Circle, Buffalo, NY, 14222. [Register.](#)

USDA NRCS Local Working Group Meeting -Group meeting for Niagara, Orleans, and Genesee counties. This meeting is open to the public. 9:00 am – 12:00 pm at Land Pro Equipment, 4540 W. Saile Drive, Batavia, NY 14020. The Local Working Group will focus on identifying agricultural and natural resource issues existing in your community and providing information and feedback to NRCS. Participants may be agricultural producers; owners of nonindustrial private forestland; representatives of agricultural and environmental organizations; and representatives of governmental agencies carrying out environmental, agricultural, or natural resource conservation programs and activities. NRCS Local Working Groups are subcommittees of the NRCS State Technical Committee and provide recommendations on local natural resource priorities and Farm Bill program conservation activities. For information about the State Technical Committee, contact Angela VanDyke via e-mail, angela.vandyke@usda.gov. To participate in your Local Working Group, please contact Heath Eisele, your local District Conservationist, via e-mail at heath.eisele@usda.gov. Directions and phone numbers to your local USDA Service Center can be found online at <https://www.farmers.gov/working.../service-center-locator>.

Rain Barrel Installation Workshop-5:30 to 6:30 pm. 389 Broadway, Buffalo. Join us for a demonstration on how to install a rain barrel system! We will go over all of the steps you need to know to install this system at home. Presented in partnership with Buffalo Niagara Waterkeeper and the New York State Pollution Prevention Institute. RSVP by emailing events@grassrootsgardens.org or by filling out this form: <https://docs.google.com/.../1FAIpQLSdBQVb1nR.../viewform>

Tuesday, July 9

DEC Virtual Public Hearing Sessions - 1:00 pm and 6:00 pm. The threatened and endangered species draft regulations and details for the hearings and comment period are available on DEC's website at <https://dec.ny.gov/regulatory/regulations/proposed-emergency-recently-adopted-regulations/fish-wildlife-revisions>

Wednesday, July 10

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

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).

Firefly Walk-8:30pm. Experience the bioluminescent world of fireflies on this guided walk. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

Wednesday Wingspan Wander-10:00 AM - 11:30 AM at [Knox Farm State Park](#). Birds of a feather flock together! Enjoy a casual bird walk to observe our feathered friends. All levels and birding beginners are welcome, Binoculars are not necessary but encouraged. Registration Required on [Eventbrite.com](#).

Tesla and the Niagara-10:00 AM - 11:00 AM at [Niagara Falls State Park](#). A look at Nickola Tesla's life on this 168th birthday, covering the contribution of Tesla and others to the harnessing of Niagara's amazing hydroelectric power. Registration required on [Eventbrite.com](#).

How MS4s Can Take an Integrated and Long-Term Planning Approach to Reduce Stormwater Impacts-1:00 pm – 2:15 pm Eastern Time. [Register](#) This event provides background information on the integrated planning and long-term stormwater planning approaches. Specifically, this webinar will present information on how Municipal Storm Sewer System programs (MS4s) may use an integrated planning approach for stormwater assets, concepts, and resources. Planning for long-term stormwater management provides opportunities for partnerships among city departments and with those who live or work in the community. It leads to more informed recommendations and decisions so that communities may invest in resilient infrastructure, improve waterways, and introduce more green space.

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

Eternal Flame Trail Hike Series: Chestnut Ridge Park – 6 to 7:30pm. Come Join a Park Ranger and hike the world-renowned Eternal Flame Trail at Chestnut Ridge Park. This will be a fun-filled educational hike that will take you to the natural phenomenon known as the Eternal Flame! Learn about hemlock forests, local wildlife and more! [Register for Eternal Flame Trail Hike Series ~ Chestnut Ridge Park ~](#)

Scajaquada Watershed Event: East Side Youth Bike Rodeos & Mobile Repair - 4:00 pm - 7:00 pm. GObike Buffalo is hosting the East Side Youth Bike Rodeos. These are free, family-friendly events where children can learn basic bike riding safety skills in a safe and supportive environment. Gleasner Park (137 Manhattan Ave.) Children (accompanied by a parent or guardian) of all skill levels are encouraged to participate. We encourage youth to bring their own bike and helmet. However, it is not required to have a bike and attend. Youth participants that are registered through this online form who do not have a bike or helmet will receive a free bike, helmet, and lock – *while supplies last*. Please note all children must wear a helmet to participate. [Register](#)

Thursday, July 11

Green Drinks-5:30pm. Join others to network and enjoy conversation with environmental folks at 12 Gates Brewing (80 Earhart Dr, Williamsville, NY 14221). The event is also listed on [Facebook](#) and on the [Green Drinks webpage](#).

Nature Journaling Workshop- 6 to 8pm at Botanical Gardens. Gain a new perspective and appreciation for the world around us through Nature Journaling! In this fun and relaxing workshop, participants will create their own Nature Journal while using an array of provided artistic supplies. Learn how to keep a Nature Journal and make your first entries at our tropical conservatory! All supplies are included. [Registration](#) closes on July 8.

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

Open gardens in July-More than 100 gardens will be open on Thursdays and Fridays beginning July 11, for select hours, in July. The gardens are beautiful, there are no crowds, and the gardeners are friendly and happy to answer questions. Most gardens are generous in size, the gardens are spread out over large areas (Erie and Niagara counties) and each garden is open for at least three times during July. Grab a guide book, available at select local garden centers (for a list of the garden centers go to: <https://www.gardensbuffaloniagara.com/open-gardens-buffalo>). The Guide has been completely redesigned this year. There are maps showing the gardens, a listing of the hours that each garden is open, and garden descriptions – complete with garden features, collections and a photo. Look for an Open Gardens sign to indicate a garden is open for visiting. If there is no sign out, there is most likely an unforeseen reason for the garden to be closed. Please do not enter a garden without a sign.

Scajaquada Watershed Event: Healing by the Water-5:00 pm - 8:00 pm. Join the Friends of Freedom Park this summer for Healing on the Water. These are every Thursday night, starting July 11 through Sept. 12. They will include music, food, vendor market and more. Meet at the foot of Ferry near Niagara Street. [Learn More Here](#)

Friday, July 12

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

Fishing Fundamentals- 01:00 PM - 02:00 PM at [Fort Niagara State Park](#). Join us to learn about the fish that call Lake Ontario and the Niagara River home! Learn how to tie some knots and practice your casting with a game of Backyard Bass. Registration Required on [Eventbrite.com](#).

Registration: Required

Stroll at the Falls-02:00 PM - 03:30 PM at [Niagara Falls State Park](#). Join us for a casual stroll to Prospect Point and around Goat Island to view the Falls and explore what makes this park so unique! Registration available at [Eventbrite.com](#) but not required.

Goat Island Evening Walk- 7:30 PM - 09:00 PM at [Niagara Falls State Park](#). Explore and experience the beauty of Niagara Falls at sunset on a guided tour. Registration available at [Eventbrite.com](#) but not required.

Open gardens in July-More than 100 gardens will be open on Thursdays and Fridays beginning July 11, for select hours, in July. The gardens are beautiful, there are no crowds, and the gardeners are friendly and happy to answer questions. Most gardens are generous in size, the gardens are spread out over large areas (Erie and Niagara counties) and each garden is open for at least three times during July. Grab a guide book, available at select local garden centers (for a list of the garden centers go to: <https://www.gardensbuffaloniagara.com/open-gardens-buffalo>). The Guide has been completely redesigned this year. There are maps showing the gardens, a listing of the hours that each garden is open, and garden descriptions – complete with garden features, collections and a photo. Look for an Open Gardens sign to indicate a garden is open for visiting. If there is no sign out, there is most likely an unforeseen reason for the garden to be closed. Please do not enter a garden without a sign.

Lockport in Bloom twilight tour-7:00 pm – 10:00 pm. This twilight tour sponsored through [Gardens Buffalo Niagara](#) offers a citywide walking/driving tour of the gardens and public parks throughout the city/town of Lockport, New York under the stars. It is free and open to the public. Maps: 623 Locust Street, Lockport, NY 14094 ([map](#))

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. [Register](#). Buffalo Audubon Members – Free, Others- \$10.00.

Twilight at the Museum: Inner Space- 8 to 11pm at the Science Museum. Twilight at the Museum returns for 2024! These Friday night evenings for all ages offer twilight talks with astronomers, observations of celestial objects from the rooftop deck (weather permitting), and access to all four floors of the Museum. Limited tickets available! All ages. [Tickets:](#) \$20 per non-member, \$5 for members.

Saturday, July 13

Dare to Repair Café-9:30am to 12:30pm, YMCA, 585 William St. Buffalo. 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.

Buffalo Bonsai Society: Deciduous- Meet at 1 p.m. in the STEM Building at SUNY Erie North Campus, 6205 Main St., Amherst. <https://www.buffalobonsaisociety.com/>

Friends of Reinstein Woods Artisan Market-11am to 4pm. Join us for a summer Saturday of shopping and sauntering along the trails at Reinstein Woods! We'll have 50 different artisans selling handmade soaps, candles, jewelry, fine woodwork, honey, and other hand-crafted items. Admission is free (a \$2 donation to Friends of Reinstein Woods is appreciated). Rain or shine event. For more information, visit <https://reinsteinwoods.org>.

Conservation day on Bidwell Parkway-Gardens Buffalo Niagara hosts a gathering of conservation organizations and a butterfly release at the Elmwood Village's Farmers Market on Bidwell Parkway at Elmwood Avenue every year at the start of Garden Walk season. It's known that gardening benefits humans. Research informs gardening also supports environmental health, sustainability, and natural harmony in the face of climate change. For complete information go to: <https://www.gardensbuffaloniagara.com/conservation-day-on-bidwell-parkway-1>

Length of the Gorge Series: Devil's Hole to Whirlpool- 10:00 AM - 01:00 PM at [Devil's Hole State Park](#) Join us on a hike that takes on a portion of the Niagara Gorge! Each week we will cover a new portion of the gorge. Participants must be 8 years or older. Registration Required on [Eventbrite.com](#).

Tales of Tighropes and Daredevils-02:00 PM - 03:30 PM at [Niagara Falls State Park](#). Join us on this guided walk on Goat Island as we share the tales of daredevils and funambulists of Niagara Falls through the years. Registration available at [Eventbrite.com](#) but not required.

HHW, Battery and Paint Recycling- 8:30am to 1pm. Erie County and the NEST Solid Waste Board are hosting a free HHW, paint, and battery collection event. Reserve your time by registering at this link. [No-cost collection event for all Erie County residents, pre-registration required - Sat, July 13, 2024 8:30 AM - 1:00 PM PDT - Circular.eco](#) or at www.erie.gov/recycling

Goat Island Evening Walk-7:30 PM - 09:00 PM at [Niagara Falls State Park](#). Explore and experience the beauty of Niagara Falls at sunset on a guided tour. Registration available at [Eventbrite.com](#) but not required.

North Tonawanda Garden walk-10:00 am – 4:00 pm. Maps are available online, at select houses, and at: Carnegie Art Center, 240 Goundry Street, North Tonawanda, NY 14120. For more information contact: www.ntgardenwalk.com, facebook.com/ntgardenwalk, ntgardenwalk@gmail.com

Lockport in Bloom-10:00 am – 4:00 pm. Lockport in Bloom is a free citywide walking/driving tour of the gardens and public parks throughout the city/town of Lockport. It will be held on Saturday and Sunday July 13 and 14 from 10 am until 4 pm. There will also be a twilight tour on Friday July 12 from 7 pm until 10 pm. Maps can be found at 623 Locust Street, Lockport, NY 14094. For more information contact: lockportinbloom@yahoo.com Facebook: [Lockport In Bloom](#)

Samuel P. Capen Garden Walk-10:00 am – 4:00 pm, free, self-guided tour of private and public gardens hugging the UB Main St. campus. It will take place from 10 a.m. to 4 p.m. Saturday and Sunday, July 13 and 14. Maps are available at the UB Anderson Gallery, 1 Martha Jackson Place, Buffalo, NY 14214. **Capen by Night will allow viewing of some gardens under the light of the moon from 8 to 10 p.m. Saturday, July 13. Enjoy the evening ambiance of nature under the stars.** Facebook: [Capen Garden Walk](#)

Adventure Bus: Emery Park - [Emery Park](#) - [Drop off/pick up location is at Shelter #2](#), For drop off / pick up times please visit <https://metro.nfta.com/programs/parks-adventure-bus>

Annual open tour at Draves Arboretum-1:30 pm – 3:30 pm. This event is an opportunity for the public to experience the woody species collections at Draves Arboretum through a guided tour of the grounds. Curator Thomas Draves will give a guided tour that will include the history of the arboretum, as well as species identification lessons and answer any questions. Thomas has over 40 years of experience in the tree and landscape industry and has been an ISA certified arborist for many years. The tour begins at 1:30 pm and is approximately two hours in length. Please arrive 15 minutes prior to start time. Cost is \$12 per person. To register go to: <https://www.dravesarboretum.org/event-registration-and-payment>

Desert Discoveries: Kids Succulent Workshop- 11am to noon at Botanical Gardens. Living in the desert is no easy task, and many plants have adapted to not only survive but thrive in the desert! Learn all about desert ecology, plant adaptations, and create your own succulent planter to take a slice of the desert home with you. This special learning experience is best suited for children eight to thirteen years old. [Registration](#) closes July 10.

Beaver Island State Park Birding Trip-Meet at 10:00am in the parking lot for the East River Marsh/Kayak Launch. Join Steve and Schuyler for a walk along the Niagara River around Beaver Island State Park. We'll get a good look at a lot of WNY's stable bird population including scores of Yellow Warblers. We'll see an Osprey nest along with Great Egret, Double-crested Cormorant, and the Great Blue Heron rookery on Motor Island! If you have a scope please bring it with you. We'll also keep an eye out for some local dazzlers like Rose-breasted Grosbeak, Baltimore Oriole and Indigo Bunting. Please let us know if you plan on attending. Steve Giamberdino 716-983-6155, stephengiamberdino@gmail.com and Schuyler Lawson 716-262-7715, slawson1991@gmail.com

Sunday, July 14

WNY Hiking Challenge at Artpark-10:30 AM - 12:30 PM at [Artpark State Park \(Earl W. Brydges\)](#). Join us for a walk on one of the WNY Hiking Challenge's suggested trails. This hike will satisfy both the WNY Hiking Challenge and the NYS Parks Centennial Challenge! The WNY Hiking Challenge is not run by NYS Parks and participation is not required. Registration required on [Eventbrite.com](#).

Hike Through History-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). Discover the important people and events that created and protected our nation's oldest state park on this guided walk. Registration available at [Eventbrite.com](#) but not required.

Samuel P. Capen Garden Walk-10:00 am – 4:00 pm, free, self-guided tour of private and public gardens hugging the UB Main St. campus. It will take place from 10 a.m. to 4 p.m. Saturday and Sunday, July 13 and 14. Maps are available at the UB Anderson Gallery, 1 Martha Jackson Place, Buffalo, NY 14214. Facebook: [Capen Garden Walk](#)

Lockport in Bloom-10:00 am – 4:00 pm. Lockport in Bloom is a free citywide walking/driving tour of the gardens and public parks throughout the city/town of Lockport. It will be held on Saturday and Sunday July 13 and 14 from 10 am until 4 pm. There will also be a twilight tour on Friday July 12 from 7 pm until 10 pm. Maps can be found at 623 Locust Street, Lockport, NY 14094. For more information contact: lockportinbloom@yahoo.com Facebook: [Lockport In Bloom](#)

Monday, July 15

Sperry Park Monday Night Community Ride - 6:30 -9:30 PM, Sperry Park, 77 Paderewski Dr, Buffalo, NY 14212. [Register](#).

Tuesday, July 16

Climate Action for Busy People-4pm online for a conversation with Cate Mingoya-LaFortune, author of the Island Press book *Climate Action for Busy People*. In her book, Cate acknowledges that large-scale innovations in policy and technology are necessary to preserve the planet, but shows how the wisest and most lasting adaptation solutions originate at the local level. [Register](#).

Webinar: 'Danger Season' and the Role of Climate Change-4:00–5:00 p.m. ET. [Register for the webinar today](#). With fossil-fuel pollution trapping heat and driving up global average temperatures, those warmer months are warmer than ever. And, in human history, I do mean ever. Higher ocean and air temperatures manifest in storms, heat, precipitation, drought and wildfires that can be more intense, more frequent, and/or longer lasting.

Erie County USDA Working Group Meeting-1:00 pm - 3:00 pm at USDA Service Center Conference Room, 50 Commerce Way, East Aurora, NY 14055. To participate in your Local Working Group, please contact Ray Hummel, your local District Conservationist, via e-mail at Raymond.hummel@usda.gov. Directions and phone numbers to your local USDA Service Center can be found online at <https://www.farmers.gov/working.../service-center-locator>.

Wednesday, July 17

Firefly Walk -8:30pm. Experience the bioluminescent world of fireflies on this guided walk. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

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

Behind-The-Scenes Collections Tours: Cabinet of Curiosities- 6 to 7:30pm at Science Museum.

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

Temperature, Precipitation, and Beyond: Analysis of Local Climate Change Impacts- 3 to 4pm EPA Webinar. [Info and Register](#).

Thursday, July 18

Open gardens in July-More than 100 gardens will be open on Thursdays and Fridays for select hours, in July. Most gardens are generous in size, the gardens are spread out over large areas (Erie and Niagara counties) and each garden is open for at least three times during July. Grab a guide book, available at select local garden centers (for a list of the garden centers go to: <https://www.gardensbuffaloniagara.com/open-gardens-buffalo>). Look for an Open Gardens sign to indicate a garden is open for visiting. If there is no sign out, there is most likely an unforeseen reason for the garden to be closed. Please do not enter a garden without a sign.

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

Think Like an Engineer: Exploring the Design Process with KidWind- 12 to 1pm webinar. Join Vernier physics and engineering expert Tom Smith for an [engaging webinar](#) on teaching the engineering design process with hands-on KidWind tools. We'll explore how to effectively guide your students through developing prototypes, testing designs, and optimizing them using wind turbine blades as a real-world example. Gain strategies to engage your students with project-based learning that fosters creativity, problem-solving, and interest in STEM careers. [Register](#).

Scajaquada Watershed Event: Healing by the Water-5:00 pm - 8:00 pm. Join the Friends of Freedom Park this summer for Healing on the Water. These are every Thursday night, starting July 11 through Sept. 12. They will include music, food, vendor market and more. Meet at the foot of Ferry near Niagara Street. [Learn More Here](#)

Industrial Evolution in America: Building a Future-Ready Workforce- 1:15-2:45pm. In the wake of post-COVID societal shifts and rapid industrial advancements, the education system must evolve to meet the demands of a new era. The significant federal investments in American industry and clean energy technologies through the recent CHIPS, IRA, and BIL bills have created an urgent need for a workforce with new skills adaptable to rapidly changing technologies, partly due to AI. Join us for a crucial webinar, during which leading experts will discuss how to reshape educational pathways to prepare a workforce adept at leveraging AI and navigating the complexities of reindustrialized America. [Register](#).

Summer Kids Hike Series: Forest Adventure Trek- Location: [Owens Falls Nature Sanctuary](#), 3:30pm-5:00pm. Join Western New York Land Conservancy Staff and volunteers this summer for a series of kids hikes throughout western New York, where learning and adventure come together! These guided hikes will invite kids and their families to explore nature and wildlife throughout our preserves. [Register](#). NOTE: At least one parent must accompany each registered child on each hike. In the event that we have to postpone the event due to weather or other circumstances, a rain date will be scheduled at a later date.

Friday, July 19

Open gardens in July-More than 100 gardens will be open on Thursdays and Fridays beginning July 11, for select hours, in July. The gardens are beautiful, there are no crowds, and the gardeners are friendly and happy to answer questions. Most gardens are generous in size, the gardens are spread out over large areas (Erie and Niagara counties) and each garden is open for at least three times during July. Grab a guide book, available at select local garden centers (for a list of the garden centers go to: <https://www.gardensbuffaloniagara.com/open-gardens-buffalo>). The Guide has been completely redesigned this year. There are maps showing the gardens, a listing of the hours that each garden is open, and garden descriptions – complete with garden features, collections and a photo. Look for an Open Gardens sign to indicate a garden is open for visiting. If there is no sign out, there is most likely an unforeseen reason for the garden to be closed. Please do not enter a garden without a sign.

Build a Bird BnB- 11:00 AM - 12:00 PM at [Evangola State Park](#). Become a bird Bed and Breakfast builder with the construction of your own nest. For ages 3 and up. Registration required on [Eventbrite.com](#).

Beneficial Bugs-1:00 PM - 02:00 PM at [Fort Niagara State Park](#). Visit the Nature Center in Fort Niagara State Park to learn about the bugs that help nature thrive, and how they benefit us! Registration required on [Eventbrite.com](#).

Stroll at the Falls-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). Join us for a casual stroll to Prospect Point and around Goat Island to view the Falls and explore what makes this park so unique! Registration available at [Eventbrite.com](#) but not required.

Goat Island Evening Walk-7:30 PM - 09:00 PM at [Niagara Falls State Park](#). Explore and experience the beauty of Niagara Falls at sunset on a guided tour. Registration available at [Eventbrite.com](#) but not required.

Ken-Ton gardens night lights-8:30 pm – 11:00 pm. On Friday and Saturday night, many of the gardens will have beautiful landscape lighting to view. This is a self-guided tour in the Village of Kenmore and Town of Tonawanda. The tour is free. Visit [kentongardentour.com](#) for more information.

All about Amphibians and their Struggles for Life-10:30am at Schiller Park Senior Center. A very interesting class, even for those who don't know much about amphibians. We'll explore the diversity of amphibians on Earth today, as well as their Devonian-era origins.

Friday Morning Birding: Ghost Pond- 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. [Register](#). Buffalo Audubon Members – Free, General Admission - \$10.00.

Saturday, July 20

NTBGO: community work days-9 am – noon at North Tonawanda Botanical Garden, 1825 Sweeney Street, North Tonawanda NY 14120. Volunteers from North Tonawanda Botanical Garden Organization (NTBGO) lead community volunteers in garden projects. Take gloves and water, dress for the weather. This activity qualifies for Community Service Hours. Tools and instruction provided. Contact ntbgo@hotmail.com for more information.

Secrets of Dragonflies Walk-10am to 11:30am at Tiff Nature Preserve. [Tickets](#). Special guest NYS Parks Educator Michael Adriaansen will share the secrets of local dragonflies, damselflies, and how to identify them on a guided walk through Tiff wetlands and grasslands. Advance registration required. Age 12+, Tickets: \$10; BMS members save 10%

Fossil Hunting for Beginners 2024- 10am to noon at Penn Dixie. Learn the tricks of the trade while touring the site with one of our trained educators! During this two hour tour, we'll teach you how to find, dig, and preserve all the fossil treasures you find. Bring your own tools or rent from our limited supply. No experience is necessary! Recommended for fossil hunters ages 7 & up. This program will run rain or shine, dress for the weather. For more information, please visit: penndixie.org/fossil-hunting-for-beginners/

Pond MacroBlitz-10am. Aquatic insects can tell us a lot about water quality. Join us as we scoop in the pond for macroinvertebrates and collect data for National Geographic's MacroBlitz community science program. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

Woods Walk: Butterflies-1pm. They've been out for a while, but summer is considered peak season for butterflies. Which ones are at Reinstein Woods? Is there a reason we get some kinds and not others? Reinstein Woods Nature Preserve, Depew. No registration required.

Length of the Gorge Series: Great Gorge Railway Trail-10:00 AM - 01:00 PM at [Niagara Falls State Park](#) Join us on a hike that takes on a portion of the Niagara Gorge! Each week we will cover a new portion of the gorge. Participants must be 8 years or older. Registration required on [Eventbrite.com](#).

Tales of Tightropes and Daredevils-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). Join us on this guided walk on Goat Island as we share the tales of daredevils and funambulists of Niagara Falls through the years. Registration available at [Eventbrite.com](#) but not required.

Goat Island Evening Walk-7:30 PM - 09:00 PM at [Niagara Falls State Park](#). Explore and experience the beauty of Niagara Falls at sunset on a guided tour. Registration available at [Eventbrite.com](#) but not required.

East Side Garden Walk- 10 a.m. to 4 p.m. The free, self-guided walk encourages community revitalization and the beautification of the East Side one neighbor at a time. Equally important are the conversations among gardeners and visitors that bridge notions of differences. Maps are available before the walk at sponsor locations, the ESGW Juneteenth Booth, and 9 downtown Buffalo Public Libraries.

Ken-Ton garden tour-10:00 am – 4:00 pm. On Saturday and Sunday July 20th and 21st there will be a day tour in the Village of Kenmore and the Town of Tonawanda. It is a self-guided tour and it is free to the public. Visit kentongardentour.com for more information.

Ken-Ton gardens night lights-8:30 pm – 11:00 pm. On Friday and Saturday night, many of the gardens will have beautiful landscape lighting to view. This is a self-guided tour in the Village of Kenmore and Town of Tonawanda. The tour is free. Visit kentongardentour.com for more information.

Mythical Terrarium Workshop-11am to noon at the Botanical Gardens. Create your own miniature magical world in this fun workshop for kids! This workshop includes all materials needed to build a tropical terrarium complete with mythical dragons and unicorns. Kids will learn about how terrariums work, how to create an enclosed ecosystem, how to care for their tropical plant and more! This special learning experience is best suited to kids ages 5-12. [Registration](#) closes July 17.

Birding by Ear-8:00am-10:30am at Knox Farm State Park, East Aurora. Join Earth Spirit staff on this birding adventure at Knox Farm State Park. This place has multiple habitats, making it an ideal place to go birding. With the leaves fully out, birds have many places to hide, making birding by ear a vital skill for birders this time of year. Come learn these skills as you hike around the park in search of our feathered friends. Birders of all skill level are welcome! Binoculars will be provided for those who need them. [REGISTER](#)

Sunday, July 21

Tails on Trails- 10:30 AM - 12:30 PM at [Niagara Falls State Park](#). Bring your furry friend on this casual walk to take in the beautiful views of Niagara Falls and the Niagara Gorge. 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 on [Eventbrite.com](#).

Hike Through History-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). Discover the important people and events that created and protected our nation's oldest state park on this guided walk. Registration available at [Eventbrite.com](#) but not required.

East Side Garden Walk- 10 a.m. to 4 p.m. The free, self-guided walk encourages community revitalization and the beautification of the East Side one neighbor at a time. Equally important are the conversations among gardeners and visitors that bridge notions of differences. Maps are available before the walk at sponsor locations, the ESGW Juneteenth Booth, and 9 downtown Buffalo Public Libraries.

Ken-Ton garden tour-10:00 am – 4:00 pm. On Saturday and Sunday July 20th and 21st there will be a day tour in the Village of Kenmore and the Town of Tonawanda. It is a self-guided tour and it is free to the public. Visit [kentongardentour.com](#) for more information.

Skyride- Family-friendly fundraiser for Go Bike Buffalo with multiple routes and lengths. For info and to register, visit https://gobikebuffalo.org/skyride/?mc_cid=663bb248d0.

Floral Papermaking Workshop with Artist with Janna Willoughby-Lohr of PaperCraft Miracles- 10am to 4pm. Invasive daylilies will be removed from the parks for artist Janna Willoughby-Lohr of [Papercraft Miracles](#) to transform it into paper for a workshop at the Martin Luther King, Jr. Park Monument Plaza during the East Side Garden Walk. Participants will learn about the papermaking process and will be able to form sheets of handmade paper that will be pressed and dried at the Papercraft Miracles studio. Finished papers will be available to participants to pick up at the studio or can be mailed out afterwards. FREE and open to the public at Martin Luther King, Jr. Park at Best Street and Fillmore Ave. See [Google Map Pin here](#).

“Plogging” for Plastic Free July Walk-10:30 to 11:30am. Meet at Whirlpool Commons in front of the Niagara Aquarium. For the month of July, we will focus on the impacts people have had on the area – including littering. One way we can keep the area beautiful is by “plogging” (jogging and picking up trash). Bags and trash-grabbers will be provided. [Register](#).

Monday, July 22

Urban Farmer Forum- 11 am, 1 hour online hosted by National Farmers Union. It is designed to discuss what urban farmers need to thrive. [Register](#).

Norfolk Avenue Block Party Monday Night Community Ride - 6:30 -9:30 PM, Norfolk Avenue, Buffalo, NY 14215. [Register](#).

Tuesday, July 23

Green Development Zone (GDZ) Walking Tour– 8:30am. Walking tour Buffalo’s West Side that is the hub of PUSH’s programming and the heart of our community-driven work. Our work in the GDZ encompasses green affordable housing construction, community-based renewable energy projects, housing weatherization, green jobs training, green infrastructure, and vacant land restoration projects, to name a few. [Register](#).

Wednesday, July 24

Firefly Walk-8:30pm. Experience the bioluminescent world of fireflies on this guided walk. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

Riverline Study: Round 2 of Public Meetings-4 to 6pm at Buffalo Creek Academy Charter School, 528 South Park, Buffalo. [Info](#)

Clean Air’s July General Meeting –5:30-7pm, Trinity Church 371 Delaware Ave. Join Clean Air on Wednesday July 24 and every fourth Wednesday every other month in 2024 for our Bi-monthly General Meeting on Zoom and in person at Trinity Church, 371 Delaware Ave in downtown Buffalo! This space is for our current members and supporters, as well as any and all interested in learning more about our work and getting involved with our campaigns! Interpretation services and other accessibility services provided with pre-registration. [Click here to register](#).

Eternal Flame Trail Hike Series: Chestnut Ridge Park – 6 to 7:30pm. Come Join a Park Ranger and hike the world-renowned Eternal Flame Trail at Chestnut Ridge Park. This will be a fun-filled educational hike that will take you to the natural phenomenon known as the Eternal Flame! Learn about hemlock forests, local wildlife and more! [Register for Eternal Flame Trail Hike Series ~ Chestnut Ridge Park ~](#)

Thursday, July 25

Open gardens in July-More than 100 gardens will be open on Thursdays and Fridays beginning July 11, for select hours, in July. The gardens are beautiful, there are no crowds, and the gardeners are friendly and happy to answer questions. Most gardens are generous in size, the gardens are spread out over large areas (Erie and Niagara counties) and each garden is open for at least three times during July. Grab a guide book, available at select local garden centers (for a list of the garden centers go to: <https://www.gardensbuffaloniagara.com/open-gardens-buffalo>). The Guide has been completely redesigned this year. There are maps showing the gardens, a listing of the hours that each garden is open, and garden descriptions – complete with garden features, collections and a photo. Look for an Open Gardens sign to indicate a garden is open for visiting. If there is no sign out, there is most likely an unforeseen reason for the garden to be closed. Please do not enter a garden without a sign.

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.*

Revolutionizing Stormwater Resilience Design Standards-1 to 3pm webinar. Highlights the imperative of adapting to climate change by re-imagining traditional approaches to stormwater management. Through an exploration of innovative strategies and technologies, the audience gains insights into mitigating the impact of extreme weather events on urban infrastructure. The presentation emphasizes lessons learned from real-world implementations, demonstrating the efficacy of integrating nature-based solutions, such as green infrastructure, to enhance resilience and sustainability. By embracing these advancements, communities can better prepare for future challenges and create more resilient environments for generations to come. [Register.](#)

Scajaquada Watershed Event: Healing by the Water-5:00 pm - 8:00 pm. Join the Friends of Freedom Park this summer for Healing on the Water. These are every Thursday night, starting July 11 through Sept. 12. They will include music, food, vendor market and more. Meet at the foot of Ferry near Niagara Street. [Learn More Here](#)

Friday, July 26

Nighttime Moth Survey-8:30pm. The night offers a different world of insects that is less often explored. Come appreciate moths during National Moth Week! Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

Open gardens in July-More than 100 gardens will be open on Thursdays and Fridays beginning July 11, for select hours, in July. The gardens are beautiful, there are no crowds, and the gardeners are friendly and happy to answer questions. Most gardens are generous in size, the gardens are spread out over large areas (Erie and Niagara counties) and each garden is open for at least three times during July. Grab a guide book, available at select local garden centers (for a list of the garden centers go to: <https://www.gardensbuffaloniagara.com/open-gardens-buffalo>). The Guide has been completely redesigned this year. There are maps showing the gardens, a listing of the hours that each garden is open, and garden descriptions – complete with garden features, collections and a photo. Look for an Open Gardens sign to indicate a garden is open for visiting. If there is no sign out, there is most likely an unforeseen reason for the garden to be closed. Please do not enter a garden without a sign.

Insect Exploration-11:00 AM - 12:30 PM at [Evangola State Park.](#) We will search the pond and fields for flying, crawling and swimming insects. Nets and magnifiers will be provided. Registration required on [Eventbrite.com.](#)

Stroll Along the Gorge- 11:00 AM - 12:30 PM at [Whirlpool State Park.](#) Come walk from Whirlpool to the Freedom Plaza and back with a Park Naturalist and learn about the removal of the Robert Moses Parkway and the restoration of the gorge. Registration required on [Eventbrite.com.](#)

Exploration Experts- 1:00 PM - 02:00 PM at [Fort Niagara State Park.](#) Venture throughout the park on this guided scavenger hunt. Talk about different things to look at when identifying flora and fauna and win a small prize! Registration required on [Eventbrite.com.](#)

Stroll at the Falls-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). Join us for a casual stroll to Prospect Point and around Goat Island to view the Falls and explore what makes this park so unique! Registration available at [Eventbrite.com](#) but not required.

Goat Island Evening Walk-7:30 PM - 09:00 PM at [Niagara Falls State Park](#). Explore and experience the beauty of Niagara Falls at sunset on a guided tour. Registration available at [Eventbrite.com](#) but not required.

Science After Hours: Get a Clue-6 to 9pm. The Buffalo Museum of Science turns into a life-sized board game for this fan-favorite event with a science museum twist! Work in teams to gather clues from witnesses stationed throughout the Museum and solve the crime for a chance to win prizes! Once you've submitted your accusation, grab a drink before enjoying a child-free night of exploring four floors of museum exhibits. Not to worry, you don't need to solve the mystery in the fastest time for a chance to win, and the Museum will even give you a few clues to get your game started! *Pro tip: wear comfortable shoes!* Ages 21+; cash bar (credit cards accepted). Photo ID required. [Tickets](#): \$35 per person; Buffalo Museum of Science members save 10%

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. [Register](#). Buffalo Audubon Members – Free, General Admission - \$10.00.

Niagara Falls Pedal Party- 6:30-9:30pm, [Old Falls Street](#), 101 Old Falls St, Niagara Falls, NY 14303

Saturday, July 27

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

Garden walk Buffalo-10:00 am – 4:00 pm. [Garden Walk Buffalo](#) will take place on Saturday and Sunday. The self-guided tour is absolutely free – no tickets required. Just pick up a map and start touring. More than 300 creative and gracious gardeners are looking forward to seeing you again – or for the first time. Follow us on [Facebook](#) and [Instagram](#)! There are headquarters where you can find free maps, purchase Garden Walk merchandise, make a donation, find restrooms, and ask friendly volunteers any questions you may have – ONLY during the days and hours of the Walk.

Family Nature Quest: Woodpeckers-10:30am. Join this quest for signs and sightings of the many woodpeckers that call Reinstein Woods their home. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

Length of the Gorge Series: Schoellkopf Power Station Trail- 10:00 AM - 01:00 PM at [Niagara Falls State Park](#). Join us on a hike that takes on a portion of the Niagara Gorge! Each week we will cover a new portion of the gorge. Participants must be 8 years or older. Registration required on [Eventbrite.com](#).

Riverline Study: Round 2 of Public Meetings-12 to 2pm at Old First Ward Community Center, 62 Republic St., Buffalo. [Info](#)

Tales of Tightropes and Daredevils-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). Join us on this guided walk on Goat Island as we share the tales of daredevils and funambulists of Niagara Falls through the years. Registration available at [Eventbrite.com](#) but not required.

Goat Island Evening Walk- 7:30 PM - 09:00 PM at [Niagara Falls State Park](#). Explore and experience the beauty of Niagara Falls at sunset on a guided tour. Registration available at [Eventbrite.com](#) but not required.

NTBGO: community work days-9 am – noon at North Tonawanda Botanical Garden, 1825 Sweeney Street, North Tonawanda NY 14120. Volunteers from North Tonawanda Botanical Garden Organization (NTBGO) lead community volunteers in garden projects. Take gloves and water, dress for the weather. This activity qualifies for Community Service Hours. Tools and instruction provided. Contact ntbgo@hotmail.com for more information.

Paddles Up Niagara- 7am to 1pm. A family friendly and safe way to experience the natural areas and unique habitats of the Niagara River. Whether you are a novice or an experienced paddler, you will enjoy spending the morning with an enthusiastic paddling community. Guides and safety paddlers will be on hand to assist and answer your paddling questions. This is by the Niagara Greenway Commission [Click Here to Register](#)

Sun Printing Workshop- 2 to 4pm at Botanical Gardens. Fall in love with the beauty of sun printing! Considered a precursor to modern photography, sun printing was invented over 150 years ago. This process, also known as Cyanotype, results in a negative photographic image on a dark blue surface. In this workshop use beautiful natural materials inspired by the Botanical Gardens to create a one-of-a-kind tote bag! This class also includes a short walking tour of the Botanical Gardens. All supplies are included. [Registration](#) closes on July 24.

Uncovering Patterns in Nature Walk-2 to 3:30 at Tiff Nature Preserve. [Tickets](#). See nature in a new way by searching for different types of patterns on a guided trail tour. We'll uncover the secrets of the Fibonacci sequence, fractals, tessellations, symmetry, as well as simple colors and shapes on this walk for all ages and interests. All ages. Tickets: \$8 per person; Buffalo Museum of Science members save 10%. *Space is limited. Advanced registration required.*

Walk & Talk at David & Margaret Naetzker Preserve -10:00 AM – 12:00 PM; Join WNY PRISM and the Chautauqua Watershed Conservancy for a fun and educational Walk and Talk at David & Margaret Naetzker Preserve! Together we'll explore the preserve and talk about invasive species that we encounter along the way, including their impacts, management, and more! Registration is greatly appreciated. Register [here](#). More information including directions, parking, meeting location and what to bring will be emailed to participants after they are registered. For questions, please contact wnyprism@buffalostate.edu.

BWELL Adventure Hike with Earth Spirit- Reinstein Woods 10am – 12pm at Reinstein Woods Nature Preserve, 93 Honorine Dr, Depew, NY 14043, USA ([map](#))

Adventure Bus: Akron Falls - Location: [Akron Falls - Drop off/pick up location is at Waterfall Trail Parking Lot](#), Activities near drop off: Rock Garden, Waterfall Trail, Accessible Playground a short walk down the road, 1:00pm Hike with Park Ranger at drop-off location, [Self-guided tour brochure on park](#) For drop off / pick up times please visit <https://metro.nfta.com/programs/parks-adventure-bus>

Sunday, July 28

Eco-Friendly Rock Painting- 10:00 AM - 12:30 PM at [Niagara Falls State Park](#). Paint some rocks with fun facts on the bottom and then take a guided walk around Goat Island to place the eco-friendly painted rocks around the park! Registration required on [Eventbrite.com](#).

Hike Through History-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). Discover the important people and events that created and protected our nation's oldest state park on this guided walk. Registration available at [Eventbrite.com](#) but not required.

Garden walk Buffalo-10:00 am – 4:00 pm. [Garden Walk Buffalo](#) will take place on Saturday and Sunday. The self-guided tour is absolutely free – no tickets required. Just pick up a map and start touring. More than 300 creative and gracious gardeners are looking forward to seeing you again – or for the first time. Follow us on [Facebook](#) and [Instagram](#)! There are headquarters where you can find free maps, purchase Garden Walk merchandise, make a donation, find restrooms, and ask friendly volunteers any questions you may have – ONLY during the days and hours of the Walk.

Monday, July 29

Ship Canal Commons Monday Night Community Ride - 6:30-9:30 PM, Ship Canal Commons, Ship Canal Pkwy, Buffalo, NY 14203. [Register.](#)

Tuesday, July 30

Tree Communication- 1 to 2:30pm webinar. Our understanding of plant communication has advanced beyond studying plant structures and recognizing allelopathy among competitors and pests. Join us as Cathryn Pugh discusses the latest findings on how trees thrive through interactions with each other and their environment. [Register.](#)

Riverline Study: Round 2 of Public Meetings-5 to 7pm at The Atrium at 500 Seneca St., Buffalo. [Info](#)

Community Science Tool to Track Stream Health-Noon to 1:30pm. Learn how the FISH tool helps you monitor and improve stream health. Perfect for water enthusiasts and professionals, you'll explore our new app, reporting tool, and data sheets. [Register.](#)

Wednesday, July 31

Wild Edibles Walk & Workshop- 7 to 8:30pm at Tiff Nature Preserve. [Tickets.](#) There is a buffet of edible plants at your feet! Learn the basics of common wild edible plants identification. Nibble on wild plants, play a matching game, and practice identification during a guided trail walk. Ages 18+, Tickets: \$20 per person; Buffalo Museum of Science members save 10%. *Space is limited. Advanced registration required.*

Climate Change: Nutrient and Sediment Impacts-2 to 3pm webinar. [Register.](#)

Family Fishing: Seneca Bluffs Natural Habitat Park -6pm. [Seneca Bluffs Natural Habitat Park - Seneca Bluffs Natural Habitat Park Parking Lot.](#) Come Join a Park Ranger and learn how to fish! This fishing program that will teach young park users and their parents/guardians the basics of fishing! Learn how to cast, bait a hook, set the hook, safe handling, and fish identification! Don't have fishing gear? The Rangers will have rods and reels available for kids to use, as well as bait (worms and corn). This program has received an exemption from the NYSDEC, and all kids and parents/guardians registered for the program will qualify for free fishing (no fishing license required) for the duration of the program. We strongly encourage everyone to bring their own fishing rods and reel. Park Rangers have approximately 15 rods and reels that may be used for those who do not have their own gear. **REGISTRATION IS REQUIRED SPOTS ARE LIMITED. CALL TO REGISTER AT 716-858-8355**

Thursday, August 1

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

Scajaquada Watershed Event: Healing by the Water-5:00 pm - 8:00 pm. Join the Friends of Freedom Park this summer for Healing on the Water. These are every Thursday night, starting July 11 through Sept. 12. They will include music, food, vendor market and more. Meet at the foot of Ferry near Niagara Street. [Learn More Here](#)

Friday, August 2

What's Bugging You: Spotted Lanternfly Update | Box Tree Moth Update-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 wholistic 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.](#)

Birding for Beginners-1:00 PM - 02:00 PM at [Fort Niagara State Park.](#) Tweet, Tweet! Learn about the common birds we see in the park with a short presentation before taking a walk to see what we can find! Registration required on [Eventbrite.com.](#)

Pond Party- 2:00 PM - 03:00 PM at [Evangola State Park](#). Discover the aquatic creatures in Evangola's Marsh Pond. Use nets and viewfinders to catch and observe the wildlife. For ages 8 and up. Registration required on [Eventbrite.com](#).

Stroll at the Falls-2:00 PM - 03:30 PM at [Niagara Falls State Park](#). Join us for a casual stroll to Prospect Point and around Goat Island to view the Falls and explore what makes this park so unique! Registration available at [Eventbrite.com](#) but not required.

Goat Island Evening Walk-7:30 PM - 09:00 PM at [Niagara Falls State Park](#). Explore and experience the beauty of Niagara Falls at sunset on a guided tour. Registration available at [Eventbrite.com](#) but not required.

Saturday, August 3

Summer Forest Bathing-9:30am. This walk will focus on the sights, sounds, and smells of the forest to induce relaxation and ease stress. Reinstein Woods Nature Preserve, Depew. Registration required; call 716-683-5959.

Fossil Hunting for Beginners 2024- 10am to noon at Penn Dixie. Learn the tricks of the trade while touring the site with one of our trained educators! During this two hour tour, we'll teach you how to find, dig, and preserve all the fossil treasures you find. Bring your own tools or rent from our limited supply. No experience is necessary! Recommended for fossil hunters ages 7 & up. This program will run rain or shine, dress for the weather. For more information, please visit: penn Dixie.org/fossil-hunting-for-beginners/

Woods Walk: Aquatic Insects-1pm. Fresh water covers less than 1% of the Earth's surface, but 6% of insects spend one or more life stages in aquatic habitats. Wonder how many we can find in the ponds? Reinstein Woods Nature Preserve, Depew. No registration required.

NTBGO: community work days-9 am – noon at North Tonawanda Botanical Garden, 1825 Sweeney Street, North Tonawanda NY 14120. Volunteers from North Tonawanda Botanical Garden Organization (NTBGO) lead community volunteers in garden projects. Take gloves and water, dress for the weather. This activity qualifies for Community Service Hours. Tools and instruction provided. Contact ntbgo@hotmail.com for more information.

Length of the Gorge Series: Artpark-10:00 AM - 01:00 PM at [Artpark State Park \(Earl W. Brydges\)](#). Join us on a hike that takes on a portion of the Niagara Gorge! Each week we will cover a new portion of the gorge. Participants must be 8 years or older. Registration Required on [Eventbrite.com](#).

Goat Island Evening Walk-7:30 PM - 09:00 PM at [Niagara Falls State Park](#). Explore and experience the beauty of Niagara Falls at sunset on a guided tour. Registration available at [Eventbrite.com](#) but not required.

Public Night Buffalo Astronomical Association : Beaver Meadow Observatory-7 to 11pm at Beaver Meadow Nature Center.

Master Your Garden Series: Pathways of Invasion Into Your Garden-10:00 AM - 11:00 AM. As part of the Orleans County CCE's Master Your Garden Series, Rachel Taylor, WNY PRISM's Community Science and Engagement Program Manager, will present Pathways of Invasion into Your Garden. Protecting our lands and waters starts in our own backyard.... so let's explore how invasive species spread into (and out of) your garden, and what you can do about it! We'll look at examples such as spotted lanternfly, water hyacinth, jumping worms and more! Class will be held at the Orleans County CCE Education Center. Class size is limited, pre-registration is required. Suggested donation: \$5 per class. Register by calling 585-798-4265 or emailing klo54@cornell.edu.

Enchanted Wild Fest- 11am to 4pm. Hawk Creek Wildlife Center. Immerse yourself in your favorite movies and stories at Hawk Creek's Enchanted Wild Fest! Journey through the Center to meet the REAL counterparts to your favorite animal movie characters! Be amazed by a fantastical flying bird show! Animal encounters, activities for kids, games and characters await you! Costumes welcome! [Tickets](#).

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:

- **Cork Reuse-** Find yourself with wine corks sitting around because you don't want to toss them. Currently there are no recycling streams locally for them, but there are lots of ways that you can use them. Check out the tips at: <https://earth911.com/inspire/4-diy-ways-reuse-wine-corks/>, <https://earth911.com/diy/cheers-8-ways-to-reuse-wine-corks/>, <https://www.pinterest.com/mybalihai/repurposeupcycle-projects-wine-corks/>
- **Eat Ugly-** Don't judge the taste of produce by just its looks. Ugly produce is edible. If something starts wilting, browning or growing eyes, etc, use it up! Slice off the affected part and either eat it or freeze it asap.

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.birdsontheniagarafrontier.org/>

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

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

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

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

Buffalo Promise Neighborhoods- <http://buffalopromiseneighborhood.org/>
Buffalo Tours- <http://buffalotours.blogspot.com/>
Buffalo Green Fund-<http://www.buffalogreenfund.org/>
Canning Tips for Food Preservation- <http://www.motheearthnews.com>
Campaign for Buffalo History, Architecture and Culture- <http://greaterbuffalo.blogs.com/>
Chirps and Cheeps Bird Blog- <http://www.chirpsandcheeps.com/>
Dept. Environmental Conservation Calendar- <http://www.dec.ny.gov/calendar/>
DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>
Edible Buffalo- <http://ediblebuffalo.wordpress.com/>
Erie Cattaraugus Rail Trail- <http://www.ecattrail.org/>
Farmer Resource Network- <https://farmerresourcenetwork.force.com/FRN/s/>
Fix Buffalo- <http://fixbuffalo.blogspot.com/>
Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>
GBNRTC-<http://www.gbnrtc.org/blog/>
Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>
Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>
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](#)

Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org

www.buffaloaudubon.org

www.buffalogardens.com

www.buffscience.org

www.tifft.org

www.buffalozoo.org

www.penndixie.org

www.yourspca.org

Grant Opportunities /Tools

[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://attra.ncat.org/index.php>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Fenton's Produce- www.fentonsproduce.com

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

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

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

Food Future WNY- www.foodfuturewny.org

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

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

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

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

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

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

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

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

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- <https://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 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
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/>, <http://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](#)
[Facing the Future](#)
[Cloud Institute for Sustainable Education](#)
[Sustainable Futures Institute](#)

[Nature Generation.](#)

[The Center for Ecoliteracy](#)

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

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

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

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

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

[Second Nature's Solution Center](#)

On Demand Webinars:

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

[Plan-It GEO](#)

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

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

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

Miscellaneous tools including videos and websites:

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

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

Community Food Waste Guide- Access the free resource [here](#).

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

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

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

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

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

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

[Archived EPA Climate Change Info.](#)

www.epa.gov/climate-indicators.

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

[Tool for Sourcing Local Meat](#)

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

[iMATTER Youth Movement to Spark Change](#)

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

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

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

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

[2018 Fuel Economy Guide](#)

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

[NOAA National Marine Sanctuary Webinar series](#)

[NOAA One Science Seminar Series](#)

[Green Restaurant sustainability tool](#)

[Mapping Climate Change.](#)

[Socially Responsible Investing and Banking](#)

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

[Promise of Biomimicry](#)

[Pollinators under Pressure](#)

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

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

Adirondack Mountain Club-Niagara Frontier Chapter

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

AIA Buffalo Western NY

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

Air and Waste Management Association	https://awmanfs.wildapricot.org/
Allegany Nature Pilgrimage	http://alleganynaturepilgrimage.com/
Alliance for the Great Lakes	www.greatlakes.org
American Planning Association-WNY Section/Upstate	http://nyupstateplanning.org/www.wnyapa.com
Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html
Aquarium of Niagara	www.aquariumofniagara.org
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
Aurorans for Climate and Environmental Sense	https://www.facebook.com/aceseastaurora
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Birds on the Niagara	http://www.birdniagara.org/
Black Rock Riverside Alliance	https://brralliance.org/
Bond Lake Environmental & Beautification Committee	https://www.facebook.com/BondLakePark/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Astronomical Association	http://buffaloastronomy.com/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloaudubon.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
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
Clarence Bluebird Trail	https://lambbluebirdtrail.org/
Clean Air Coalition of Western New York	https://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.facebook.com/coalitionpositive/

Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cooperation Buffalo	https://www.cooperationbuffalo.org/
Cornell Cooperative Extension for Cattaraugus County	http://cattaraugus.cce.cornell.edu/
Cornell Cooperative Extension for Chautauqua County	http://chautauqua.cce.cornell.edu
Cornell Cooperative Extension for Erie County	http://erie.cce.cornell.edu/
Cornell Cooperative Extension for Niagara County	http://cceniagaracounty.org/
Cornell Cooperative Extension for Wyoming County	https://wyoming.cce.cornell.edu/
Crossroads Collective	https://www.facebook.com/CrossroadsBuffalo/
Daemen University Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	https://www.facebook.com/d2lsBuffalo/
Drave's Arboretum	https://www.facebook.com/dravesarboretum/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental Advocates NY	www.eany.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency	https://www.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	https://esd.ny.gov/erie-canal-harbor-development-corporation-0
Erie County Climate Action & Sustainability	http://www2.erie.gov/environment/sustainability
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	https://www.ecfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks

Erie County Soil and Water Conservation	www.ecswcd.org/
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
Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Greater Buffalo Urban Growers Network	www.facebook.com/greaterbuffalourbangrowers
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Research Consortium	https://www.esf.edu/glrc/

Habitat for Humanity	https://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
Hope Rising Together	https://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
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.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	https://nysacc.org/
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	https://parks.ny.gov/
NYS Association for Reduction, Reuse and Recycling	https://www.nysar3.org/
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York Upstate Chapter, Landscape Architects	https://www.nyuasla.org/
New York State Wetlands Forum	http://www.wetlandsforum.org
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	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/
Our Outer Harbor	http://www.ourouterharbor.org/
Partners for a Livable WNY	https://www.facebook.com/livablewny/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Pelion Garden	https://peliongarden.org
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Pollinator Conservation Association	www.pollinatorconservationassociation.org/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	www.facebook.com/ThePrimateSanctuary
Providence Farm Collective	http://providencefarmcollective.org/
PUSH Blue	www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
Restore our Community Coalition	http://roccbuffalo.org/
Retree Western New York	https://re-treewny.org/

ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	www.facebook.com/riseupforclimatejustice/
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
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 Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Herpetological Society	https://www.facebook.com/wnyherpsociety
Western New York Land Conservancy	https://www.wnylc.org/
WNY Mountain Bike Association	http://www.wnymba.org
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Permaculture	www.facebook.com/WNY-Permaculture-1098493876841295/
WNY Raptor Center	Wnyraptor.com
Western New York Science Teachers	http://www.westernstanys.com/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/

WNY Peace Center Renewable Energy Task Force

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

WNY Weather Society

www.facebook.com/amswnychapter

WNY Young Birders Club

<https://www.wnyybc.org/events>

West Valley Citizen Task Force

www.westvalleyctf.org

Wild Kritters

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

Wild Ones-WNY Chapter

<https://westernnewyork.wildones.org/>

Wild Spirit Education

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

World on your Plate

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

