

# Enviro-News

January, 2024

Sponsored by Daemen University's Global & Local Sustainability Department

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## Articles:

### Green Drinks

Join others to network and enjoy conversation with environmental folks at 5:30pm on **Thursday, January 11th** at Flying Bison Brewing Co. 840 Seneca St, Buffalo, NY 14210. The event is listed on [Facebook](#) and on the [Green Drinks webpage](#).

### Apply to be an Explore Buffalo Docent

Explore Buffalo will hold Information Sessions that will discuss what it takes to be a docent and the application process. **Attendance at one of these Information Sessions is mandatory.** The location for both dates is the Explore Buffalo office at First Presbyterian Church, 1 Symphony Circle, Buffalo NY 14201 on **Saturday, January 6, 2024** at 10:00 am or **Wednesday, January 10, 2024** – 6:00 pm. During either of these sessions, you will have the opportunity for a short interview with the training team and the option to submit your application to the 2024 Docent Training class. [Register.](#)

### Tift Volunteer Tour Guide Training

Do you enjoy being outdoors and sharing the wonders of nature with groups of children? Then Tift wants you as a Volunteer Tour Guide! Register for our two-part Winter Training Series on **January 29 and 31** from 9:30am to 12:30pm to learn why and how we do what we do to reach thousands of children each year. *Please [pre-register](#) BEFORE January 22.*

### Options to Compost or Mulch Your Holiday Tree

For Buffalo residents, to compost your holiday tree, remove all decorations and wires. Trees may be dropped off at Geiter Done of WNY, 383 Babcock Ave. (enter off Dorothy) Monday- Friday, 7:30am to 3:30pm. Curbside tree removal is available, but may not result in composting. Many Erie County municipalities have drop-off locations for trees-check with your town.

For Niagara County residents, drop off undecorated real trees at the Niagara County Fairgrounds in Lockport anytime, just follow the signs! Trees will be chipped and used for various projects around Niagara County. Some municipalities have their own pickups or drop-offs. You can also put it outside in your yard or woods for a great bird and small animal habitat.

### Artwork Wanted for Garden Walk Buffalo

Garden Walk Buffalo is looking for submissions of original artwork to promote the 2024 event, its 30th anniversary. This is an opportunity to share your artwork with hundreds of local gardeners and tens of thousands of visitors from around the U.S., Canada, and abroad. Entries are due **Wednesday, January 31**. Info on submissions [here](#).

## American Climate Corps Virtual Listening Sessions

The Biden-Harris Administration is hard at work preparing to launch the first cohort of the American Climate Corps by summer 2024. Their administration will be hosting virtual listening sessions to hear your ideas about how to shape this historic, groundbreaking initiative. Each listening session will last roughly 90 minutes and will feature a special guest and climate champion. Sign up below for a listening session that is right for you: **January 11<sup>th</sup>** 10am ET // [Register here](#); **January 16<sup>th</sup>** 6pm ET // [Register here](#); **January 25<sup>th</sup>** 6pm ET // [Register here](#); **February 1<sup>st</sup>** 10am ET // [Register here](#). Given the level of anticipated interest, we are asking everyone to limit their comments to 3 minutes or less. If you're unable to join us, or have more to share, please send your thoughts, comments, and ideas to: [ACC@americorps.gov](mailto:ACC@americorps.gov) by January 31<sup>st</sup>, 2024.

## Explore Buffalo: Winter History Course on Buffalo Architects

This Winter 2024 History Course program will introduce you to the Buffalo architects who have shaped our city, the buildings they designed for us and the wide range of architectural styles that bring visitors from around the world to Buffalo. Sessions will be: **January 18:** The Giants of Buffalo Architecture, **January 25:** The Leaders in Their Fields, **February 1:** Landmarks - Here and Now, Then and Gone. Each presentation, with Q&A at the end, will be approximately one hour in length. Each presentation will begin at 7pm. [Register](#). General Admission: \$20.

## New York Winter Greenhouse & Growers School

The 2024 New York Winter Greenhouse & Growers School is a collaborative effort of educators from CCE Erie, CCE Orange, CCE Broome, CCE Onondaga, the CCE Capital Area Ag & Horticulture Program, NYS IPM, and New York State Flower Industries and its partners. The full-day program on **January 18<sup>th</sup>** will allow attendees to earn NYS DEC Pesticide Recertification credits. The morning program can be completed virtually, but the afternoon session (1:15 to 3:50pm) is person at Roycroft Powerhouse, 39 S. Grove St., East Aurora. [Schedule of sessions](#). Register for half or full day - [REGISTER HERE](#)

## 2024 Air and Waste Management Annual Enrichment Seminar

The Air & Waste Management Enrichment seminar is sponsored by Air & Waste Management Association – NFS and Buffalo Association of Professional Geologists. The seminar will be held on **January 25, 2024** at Templeton Landing. On line registration is open for everyone with advanced registration discount through **Jan. 12!** [Register](#).

## One Region for Climate Action

Partners involved in One Region Forward are working together to launch a new [Federally funded planning initiative](#) to reduce our region's greenhouse gas emissions. This multi-year program will build on existing planning, promote collaboration, and prepare our region to act on the climate challenges of today and tomorrow. Step 1 of this process is focused on identifying the landscape of climate action projects that exist in our region. This information will be synthesized in a document that will position communities within our region to take advantage of current and future funding opportunities. If you are involved in projects that can reduce our region's greenhouse gas and co-pollutant emissions, please share so that these projects can be highlighted in the region's preliminary plan. Share with UBRI by filling out a brief online form: [One Region For Climate Action Project Proposal Form](#). The project proposal form will close on **January 19, 2024!**

## WNY PRISM is Accepting Proposals for the 2024 Crew Assistance Program!

Through the Crew Assistance Program, invasive species management partners may request assistance for invasive species surveys, invasive species removal, and habitat management and restoration projects for the 2024 field season. The WNY PRISM Crew is available to work on priority invasive species management projects that fall within the 8-county WNY PRISM region, from late-May through September. To learn more about the Crew Assistance Program including eligibility, proposal requirements, eligibility, priorities and review criteria, please view the full [WNY PRISM Crew Assistance Program 2024 Request for Proposals \(RFP\)](#). Proposals must be received by 5:00 PM on **Friday, January 26, 2024**.

## Virtual International Invasive Species and Climate Change Conference

Please join us for the free International Invasive Species and Climate Change Conference (IISCCC) organized by the Regional Invasive Species and Climate Change Management Network on **January 30 and 31, 2024**. This virtual conference allows for more international attendance while reducing our carbon footprint. Topics include sessions on new arrivals and emerging invasion pathways, Managing invasive species in a changing climate, Practitioner success stories and more. [REGISTER HERE](#)

## Environmental Excellence Awards: Nominations Invited

The Erie County Environmental Management Council is excited to announce its call for applications for its 2024 Environmental Excellence Awards! Started in 2015, this program recognizes exceptional projects carried out by municipal and non-profit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. New this year: the EMC plans to have short videos professionally made about the award winner(s) to better promote the excellent work being done in our community. Applications are due **February 13, 2023**. Application instructions and information about past project awardees can be found here: [www.erie.gov/emc](http://www.erie.gov/emc)

## CNLP Day and Plant WNY Trade Show and Education Conference

The CNLP Day and Plant WNY Trade Show will be held at Salvatore's Italian Gardens in Depew. The Certified Nursery and Landscape Professional (CNLP) Day and Horticulture 101 will be held on **Thursday, February 1**. The Trade Show and Education Conference and keynote speaker will be on **Friday, February 2**. Keynote speaker, Tim Zimmerman, CNLP, will present Landscape Design Through a New Lens. [Learn more and register here.](#)

## DEC State Lands Kiosk Survey: Earn Prizes

Complete the [DEC Kiosk Survey](#) through **January 2024** to be entered for prizes. Input from visitors' surveys will help DEC make improvements to kiosk signage throughout the state and enhance the visitor experience. Kiosks are small, open wooden structures that provide cover for educational and informational signs that feature trail maps, emergency phone numbers, and other important information. Additional info can be found on [DEC's website](#).

## Communities in Bloom Gardening Classes 2023

2024 marks the twentieth year of 'Bloom' classes offered by the Master Gardeners of Erie County. Classes will be of interest to both beginning and veteran gardeners and are scheduled for 9 to 11:45am on **February 10** (Orchard Park) and **February 24** (Roswell Park Community Center). The class topics and registration are available [here](#). **Pre-registration is required.**

## Rehabilitating Wildlife Classes 2024

Classes for those interested in preparing for a wildlife rehabilitator license exam and/or volunteering with AWARE will be offered at Starpoint Central School, 4363 Mapleton Road, Lockport, NY 14094. **Cost:** \$110.00. Registration will be through Starpoint Central School Community Education. Part 1 (**Feb. 17 and 24 from 10am to 1pm**) will focus on beginning rehabilitation of wild mammals. Included in the course is: NYS DEC licensing applications, testing and legal issues. Safety in handling, capture techniques, and transporting. Care of orphaned mammals, diseases of mammals, and more. Dealing with the public and information on special licensing for rabies vector species (RVS) will also be covered. Part 2 (**March 2, 9 and 16 from 10am to 1pm**) specifically focuses on the rehabilitation of birds. Included in this session is applying for USF&W permits, legal issues, species identification, handling and safety, bird anatomy and physiology. Care of orphaned birds, bandaging, treatment techniques, housing, caging, pre-release conditioning and diseases. There will be live birds brought in for you to meet with our staff. [REGISTRATION COMING SOON](#)

## Greater Niagara Fishing Expo

This pure fishing show is designed by anglers for anglers with the simple goals of promoting and teaching fishing. This annual event, now in its 9th year, attracts thousands of anglers to the Niagara Falls Convention Center in Niagara Falls. This year's expo runs **Thursday, February 15 through Sunday, February 18**, and [tickets are currently on sale](#). With hundreds of hours of fishing education available for attendees to choose from and over 170 booths of fishing-related exhibitors, this is the largest fishing show in New York State and among the largest in the Great Lakes. With a wide range of offerings for all angling interests and skill levels, the Expo welcomes anglers of all ages and experience levels to attend.

## Annual Master Gardener Education Day

The Cornell Cooperative Extension (CCE) of Erie County Master Gardener Program will host its 2024 Education Day on **Saturday, March 9, 2024**, from 8:30 am to 3:00 pm. **Registration ends March 8, 2023**. Location is Classics V Banquet Center, 2425 Niagara Falls Blvd, Amherst, NY 14228. [REGISTER HERE](#). Invited Speakers and Their Topics include "Attracting Bees and Beneficial Insects with Native Plants" and "Creating and Managing Landscapes for Native Bees by Heather Holm, Award-Winning Author and "Dumb Things Not to Do In Your Landscape" by Tom Mitchell, horticulture instructor at Niagara County Community College. General Public: \$60; CCE Erie MG Program Volunteers: \$45; Out of county MG Volunteers: \$50.

## 30 x 30 Biodiversity Regional Discussion

The Western New York Environmental Alliance recently convened a discussion on the ambitiousness worldwide plan to preserve 30% of earth's ecologically productive land and waters by the year 2030. This plan has been adopted by the UN Biodiversity Conference and has become United States and New York state policy. Speakers from various groups discussed how their groups can actively support the 30 x 30 plan including prioritizing which lands should be preserved and or purchased, repurposing brownfields instead of building on virgin land, and maintaining ecological corridors for wildlife movement. Jay Burney, WNYEA Advocacy Chair, will spearhead the local 30 x 30 initiative by collaborating with interested individuals and organizations to develop an action plan. To provide input please complete a [questionnaire](#) which has an opportunity to sign up for future activities. Use this [link](#) to hear the meeting and presentations in their entirety.

## Draft Policy for Public Participation in Agency Decision-Making Processes

EPA announced the release of the draft policy, [Achieving Health and Environmental Protection Through EPA's Meaningful Involvement Policy](#), that outlines updates on how the Agency will engage with the public and provide meaningful public involvement in all of its programs and regions. The draft policy is available until **January 16, 2024**. EPA will be hosting three public informational webinars to provide an overview of the policy and to allow the public to ask questions. The webinars are scheduled for **January 10, 2024** from 5 p.m.- 6:00 p.m. (ET) ([Register Now](#)) and **January 11, 2024** from 6 p.m.- 7:00p.m. (ET) (- [Register Now](#)).

## DEC and NYSERDA Release Cap-and-Invest Pre-Proposal Outline AND Climate Affordability Study

The New York State Department of Environmental Conservation (DEC) and New York State Energy Research and Development Authority (NYSERDA) [announced the release of two key documents and a series of stakeholder meetings in the ongoing development of New York's Cap-and-Invest Program \(NYCI\)](#), a program to reduce harmful climate-altering greenhouse gas emissions, improve public health, and help combat climate change while advancing environmental justice and investing in disadvantaged communities statewide. The agencies are holding virtual stakeholder meetings next month that include: **Jan. 23**, 3 to 4:30 p.m. – The Role of Cap-and-Invest; **Jan. 25**, 1 to 4 p.m. – Pre-Proposal Outline Overview; **Jan. 26**, 11 a.m. to 2 p.m. – Preliminary Analysis Overview. To view the documents, register for upcoming webinars, and submit comments on the pre-proposal [visit the Cap-and-Invest website](#).

## **Climate Watch is Around the Corner**

The 2024 season of Climate Watch is about to kick off, with the winter count period running from **January 15, 2024 to February 15, 2024**. Climate Watch helps Audubon scientists understand how climate change is affecting birds in your area and the data you collect is absolutely vital. Learn more about Climate Watch and how to participate [here](#).

## **New York State Organics Summit to Meet in Buffalo**

The 10th Annual New York State Organics Summit will take place **April 16-18, 2024** in Buffalo, NY at the Hyatt Regency Buffalo. Registration will open Wednesday, January 17, 2024! [Info and registration](#).

## **Household Hazardous Waste Dropoffs**

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

## **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>. Your input will help inform the strategies, policies, and initiatives that NYSDOT includes in the final Transportation Master Plan.

## **Erie County Releases Community Climate Action Plan**

The Erie County Department of Environment and Planning ("ECDEP") has announced the release of the county's Community [Climate Action Plan](#) ("CCAP"), the product of a three-year collaborative process involving over 100 stakeholders. The CCAP will guide Erie County as it takes actions to reduce climate pollution and to protect the community from the impacts of a changing climate. The County already has a widely acclaimed climate action program for its government operations, which includes but is not limited to waste reduction initiatives, installation of heat pumps on County-owned buildings and the purchase of fleet electric vehicles. With this new community-wide plan, Erie County will broaden its efforts to focus more on community-facing actions.

The Community Climate Change Task Force, a committee of the Erie County Environmental Management Council, guided the development of the plan. Ten working groups, made up of county staff, community stakeholders, university researchers, utilities, and a local business organization developed each chapter. Chapters include: Agriculture & Food Systems, Climate Justice, Climate Resiliency, Commercial Energy Conservation & Renewable Energy, Communicating Progress, Consumption & Waste Reduction, Economic & Workforce Development, Housing & Neighborhood Resiliency, Nature Based Solutions, and Transportation.

County officials first presented the draft plan to the public last spring, followed by a three-month public comment period. The plan received more than 300 public comments with most commenters expressing support. Volunteer workgroups then worked with staff to consider every comment that was received. The plan will now be submitted to the Erie County Legislature for consideration and adoption. County residents can view the entire plan at [www.erie.gov/climateaction](http://www.erie.gov/climateaction) and can submit feedback by emailing [sustainability@erie.gov](mailto:sustainability@erie.gov).

## **20th Annual Symposium: Energy in the 21st Century**

The annual one-day energy symposium will be held on **Friday, April 12** at SUNY ESF Gateway Building in Syracuse. To view the program or register, visit [here](#). The early bird registration discount ends January 15. A streaming option is available for registration as well.

### **Cutoff Date for Fertilizing Lawns is December 1**

If you plan to fertilize your lawn, remember that it is **against New York State law to fertilize lawns between December 1 and April 1 with phosphorus**. Some areas also have local laws about selling and using lawn fertilizers. Visit [DEC's Lawn Fertilizer webpage](#) for more information. The law does not apply to agricultural fertilizer or fertilizer for gardens. Before buying lawn fertilizer, check the bag for a set of three numbers showing the percentage of nitrogen, phosphorus and potassium. Buy a bag with a "0" in the middle. Lawn fertilizer can have unnecessary phosphorus that runs into waterbodies. Excess phosphorus in freshwater can cause algae overgrowth, with serious impacts to the environment and public health.

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

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

### **Electric School Bus Roadmap Released**

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

### **National Strategy for Reducing Food Waste and Recycling Organics**

EPA, USDA, and FDA released the draft [National Strategy for Reducing Food Loss and Waste and Recycling Organics](#). This strategy is part of EPA's series of strategies on building a more circular economy for all. The goal of the strategy is to prevent the loss and waste of food, where possible, increase recycling of food and other organic materials to support a more circular economy for all, reduce greenhouse gas emissions, save households and businesses money, and build cleaner, healthier communities. The actions detailed in this strategy will help the U.S. meet its national food loss and waste reduction goal to halve food loss and waste. They will also contribute to meeting the national recycling goal to achieve a 50% recycling rate by 2030 and to global achievement of the United Nations Sustainable Development Goal Target 12.3. The EPA released a series of short videos highlighting the environmental, social and economic benefits of community composting. Check out the [new community composting webpage and view the videos](#). A new MITRE-Gallup report on the [State of Food Waste in America](#) shares data and trends collected from over 9,000 households, including user-reported food waste measurements. One key finding of this report is that the average household wastes 6.2 cups of food in a typical week. [View the full report.](#)

### **DEC Releases Final New York State Solid Waste Management Plan**

New York State Department of Environmental Conservation announced the final 2023-2032 State Solid Waste Management Plan, a milestone in the State's ongoing efforts to ensure New York is at the forefront of rethinking waste. The [New York State Solid Waste Management Plan: Building the Circular Economy through Sustainable Materials Management](#) is a 10-year plan that describes actions to reduce the climate impact of solid waste and provides direction for New York's waste reduction, reuse, recycling, collection, transportation, and disposal investments, policies, and practices over the next decade.

## **Guaranteed Ride Home Program Makes Carpooling and Transit Stress-Free**

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

## **Classical Weed Biological Control 101 Short Course**

The North American Invasive Species Management Association (NAISMA) Classical Weed Biological Control 101 Short Course is an asynchronous, professional, online short course that was created to provide you with knowledge about the science, application, and regulation of classical weed biological control. The course consists of six sequenced video presentations, along with supplemental materials for in-depth learning and assessment. [Learn more and register.](#)

## **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.

## **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.](#)

## **Heat Pumps: The Basics**

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

## **Environmental 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!

### Tick App: Info for you, Data for Science

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

[DOWNLOAD](#) a PDF that describes how to use The Tick App.

### Gas Powered Leaf Blower as Metaphor for Industrial Society

Richard Heinberg wrote an article “The Gasoline-Powered Leaf Blower as a Metaphor for Industrial Society” published by [resilience.org](#) that shares a powerful message about our choices and their unintended consequences. Read it [here](#).

### Municipal Training Resources from LEWPA

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

### 2023 Good News

Amid the bad news about climate change, 2023 had some shiny moments. Investments in clean energy outpaced those in fossil fuels, with \$1.70 invested in clean energy for every \$1 in oil and gas. The Inflation Reduction Act and other efforts led to the creation of more than 170,000 clean energy jobs across 44 states. According to a 2023 LinkedIn report, the number of job postings requiring at least one sustainability-related skill grew 22.4% between 2022 and 2023. While electric vehicle sales may be slow, more than 1 million were sold in the U.S. in the first 11 months of 2023. We also set a record for the amount of electricity generated by renewables-25% for the first half of the year with more than 2 gigawatts of community solar installed in New York.

### 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](#).

### Urban Agroforestry

A [free, downloadable publication](#) provides guidance in designing planting systems for your community. Trees and other perennial crops can be integrated into any number of urban landscapes, including urban farms, backyards, public parks, roadsides, neighborhoods, and other underutilized or marginal spaces. With proper planning, design, and management, these systems can increase the economic, ecological, and community resilience of urban areas.



## **Weather Patterns for Climate Prediction**

If you're curious how historical El Niño (or La Niña) conditions have affected weather patterns across the U.S., then check out the NOAA Physical Science Laboratory [ENSO comparison maps](#). The map selector lets you see temperature, precipitation, and other climate anomalies by month for all historical events in a side-by-side map view. A composite image that combines all past event anomalies into a single map is also available. El Niño conditions are currently present in the equatorial Pacific Ocean, and the latest [Climate Prediction Center outlook](#) says there's an 80 percent chance El Niño will continue through the Northern Hemisphere spring (March-April 2024).

## **Farmland Protection Grants Available**

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

## **EV Charging Funding Assistance**

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

## **Pest Bird Control in Agriculture and Orchards**

Want to learn more about ways to support beneficial birds and manage pest birds on farms. A free 10-lesson virtual [self-certification course](#) is designed to empower agricultural professionals and growers with the knowledge and skills needed to best control these animals.

## **Cyanobacteria Concrete Blocks: Biocement**

Portland cement, used in concrete, is a major source of carbon emissions due to the heating necessary for its process. Substitutes for this material have included using fly ash, a waste product from coal burning power plants. A new product, Bio-Block is created using cyanobacteria (blue-green algae) to bind the sand and stone together. The photosynthesis of the bacteria consumes carbon dioxide rather than emitting it. The company, Prometheus, is one of a growing number of companies working on biologically produced alternatives to Portland cement. Annually, four billion tons of cement is used worldwide to produce 30 billion tons of concrete, or four tons of concrete per person. If these companies can scale up production of biocements, it will dramatically impact global carbon dioxide emissions. [Read more.](#)

## ***Cycle the Erie Canal Bike Tour Registration Now Open***

Discover the joy of biking 400 miles across New York State along the historic Erie Canal with Parks & Trails New York. Check out the [2023 storymap](#) for a taste of what each day is like on the tour, and then go [reserve your spot](#) on 2024's Cycle the Erie tour from **July 7-14!**

## **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](http://www.reuseaction.com), call the store at 716-894-3366, or stop by 980 Northampton Street.

## **Resources for Buying an Electric Vehicle and Charger**

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

## **Revised Plant Hardiness Zone Map**

Another sign of climate change, the U.S. Department of Agriculture has released a new version of the Plant Hardiness Zone Map. While we can't grow coffee and bananas here, some parts of Western New York are in new zones reflecting our warming climate. Check it out [here](#).

## **New York Great Lakes Shore Viewer**

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

## **The Buyer's Guide to Induction Cooktops**

With the push for electrification and moving away from natural gas, some homeowners are exploring using Induction Cooktops. Induction is gaining steam for its precise temperature control, superior safety, and speedy cooking times, though different cookware is needed. without using fossil fuels. For more information on how they work and their benefits, as well as upcoming rebate programs, check [here](#).

## **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.

## Additional \$25 Million Available for Local Municipalities to Drive Energy Initiatives

Funding is now available under the State's Clean Energy Communities Program for local municipalities to drive high-impact clean energy actions and reduce greenhouse gas emissions. The program, which recognizes local clean energy leadership and provides implementation grants, helps reduce municipal energy use, lower costs, and offers additional support for projects located in disadvantaged communities. The [Clean Energy Communities Program](#) helps county, city, town, or village governments identify and implement high-impact actions that save energy and cut costs. By achieving Clean Energy Communities designation, participants qualify for grants for additional clean energy projects. With this additional funding, NYSERDA is expanding offerings to include more eligible project options and incentives as well as updating the program's point system for high impact actions. Each high-impact action is worth points that communities collect upon completion of the action. Grant levels will be based on the number of points earned as well as the community's size. In addition, awarded projects located in a New York State [disadvantaged community](#) can qualify for an additional 50 percent in funding for grants over \$5,000. **Applications for the program will be accepted on a rolling basis through December 31, 2025, or until funds are exhausted, whichever is sooner.** Grant applications will be accepted through an [online portal](#).

## Updated Excess Food Opportunities Map

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

## Seeking a Career in the Clean Energy Field?

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

## 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.

## 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.

## Annual Rain Barrel Painting Contest for Schools

To promote education on stormwater issues, Erie County Department of Environment and Planning is sponsoring their annual Rain Barrel Painting Contest. Classes will be provided with a 55 gallon syrup barrel that you will convert into a rain barrel and one rain barrel converter kit. You will need to provide paint primer, brushes, various colors of acrylic paints for your design, and a clear topcoat. The coat of primer is required to provide a good, smooth surface for the paint to adhere to the plastic barrel. You will also be responsible for installing, maintaining, and winterizing the rain barrel. Detailed instructions will be provided. To register (barrels are limited)- **complete the [Registration Form](#)**. Photos of completed barrels are due by **April 1, 2024**.

## Youth as Solutions

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

## Serve Your Community, Grow Your Career with FoodCorps

High school graduates, what will you be doing during the 2024-2025 school year? If you're passionate about making a difference in your community through teaching, gardening, and food justice, joining FoodCorps as an AmeriCorps member might be for you! The 2024-2025 application is now open. [Check your eligibility](#) and start your application today. The final deadline to [apply](#) is **March 29, 2024**.

## Teacher's and Home-Schooling Resources

[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

[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 STEM (science, technology, engineering, math, and medicine) to do so in ways that seek and value a wide variety of perspectives, recognize how a person's multiple identities might affect their relationship with STEM, and yield equitable outcomes that build and sustain trust.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Additional resources](#)

## Contests, Fellowships and Awards

["Create a Watershed Super Hero" poster contest](#) open to all middle school students. Fourteen winners will have the honor of having their artwork in a 2025 calendar distributed across New York. Deadline for submitting is **January 12, 2024**.

[2024 President's Environmental Student & Teacher Awards](#)- The awards recognize outstanding environmental stewardship projects from students in Grades K–12 that promote environmental awareness and encourage community involvement, as well as Grade K–12 educators who integrate environmental education and place-based learning into school curricula and school facility management across the country. Deadline: **January 15, 2024**.

[2024 Project Green Schools Outdoor Classroom Challenge](#) - develop and implement a meaningful outdoor classroom and learning space. Schools compete for a Grand Prize of \$10,000 to further enhance or create a new space. All U.S.-based schools Pre-K – 12 are eligible to apply. Schools should submit a formal write-up, proposed budget, and design of their outdoor learning classroom/space by **January 19th**.

[Battelle Climate Challenge](#)-Students in Grades 9-12 in the United States are invited to research past and future impacts of climate-related hazards and develop a proposed action to help build a more resilient community. Five winners will receive STEM grants of \$1,500-5,000 for a US nonprofit organization, public library, or public school; the grand prize winner will also present their poster in Washington, DC. Deadline: **January 19**.

[My Electric Ride' EV Video Prize Challenge](#)- This challenge invites participants to create a short, 1-2 minute video highlighting their positive experiences with electric transportation, such as electric cars, buses, ebikes, or scooters. The challenge is open to anyone with some form of electric transportation. The contest offers contestants the opportunity to win up to \$3,000 in prize money. Deadline: **January 23**.

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

[Environmental Excellence Awards: Nominations Invited](#)- program recognizes exceptional projects carried out by municipal and non-profit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. New this year: the EMC plans to have short videos professionally made about the award winner(s) to better promote the excellent work being done in our community. Applications are due **February 13, 2023**.

[Farmer Veteran Coalition's](#) Fellowship Fund provides grants of up to \$5,000 for veterans in the beginning stages of their farm or ranch businesses. Applicants must be operating a farm business and have a business plan. The application period closes **February 14**.

[Sea Grant Knauss Fellowship Program](#) -for eligible graduate students (Masters; Ph.D., or J.D.) who have an interest in ocean, coastal, and Great Lakes resources and in the national policy decisions affecting those resources. The program, which is sponsored by the National Oceanic and Atmospheric Administration's (NOAA) [National Sea Grant College Program](#), matches highly qualified graduate students with "hosts" in the legislative branch, executive branch, or appropriate associations / institutions located in the Washington, DC area, for a one-year paid fellowship. Deadline: **February 15, 2024**.

[Youth Awards Program for Energy Achievement](#)- Youth Awards projects are energy outreach activities that are student-driven and student-run. Students work together to plan and track their goals, meet timelines, complete activities and outreach, document their hours of work, and create partnerships. They document their learning by taking and cataloging photos, letters, work samples, and other media. Students evaluate their efforts and successes, and will submit a digital project (by April 15, 2024) summarizing their project goals, activities, and accomplishments. The project is a simple 15-slide digital slideshow that showcases goals of projects, activities completed, and results achieved! Deadline: **April 15**.

## Grant and Scholarship Opportunities

[The Xerces Society](#) offers annual awards to support students pursuing educational research in Lepidoptera conservation. This year, the awards will be \$10,000 each, with two awards available. We're investing in the future of our planet and our field by sponsoring the next generation of butterfly and moth conservationists. Deadline: **January 7, 2024**.

[2024 Farm to School Grant Request](#)- Each grant will help implement farm to school programming that increases access to local food in eligible schools, connects children with agriculture for better health, and inspires youth to consider careers in agriculture. Deadline: **January 12, 2024**.

[FACT Fund-a-Farmer Grants](#)-Food Animal Concerns Trust (FACT) awards competitive grants up to \$3,000 to working, independent farmers who raise beef cattle, bison, broiler chickens, dairy cows, ducks, geese, goats, laying hens, pigs, sheep, and/or turkeys. Grants are offered to improve or expand pasture and pursue or maintain animal welfare certification. Applications are due **January 15, 2024**.

[National Young Farmers Coalition](#)'s Young Farmer grants, Five grants will go to start-up farm and ranch operations, and forty-five grants will go to farm businesses already operating. The program is open to farmers and ranchers in all 50 states, Washington, D.C., Puerto Rico, and the Virgin Islands. Deadline: **January 15**.

[Applications Now Open for American Trail's, Trails Capacity Program](#)- funds projects across the nation that strategically improve the abilities and capacity of the trails community as a whole. Apply now for grants ranging from \$5,000 minimum to a maximum of \$10,000. Applications are due **January 15, 2024**.

[Expanding Agroforestry in the Northeast](#)- The Nature Conservancy and regional partners are accepting applications from producers in Vermont, Massachusetts, New York, New Jersey, Connecticut, and Rhode Island for incentive payments for planting new agroforestry systems. Deadline: **January 16, 2024**.



[Urban and Community Forestry Grants](#)- Applicants may apply for funding under two categories, Community Forest Management Plan Implementation (\$10 million) and Ash Tree Management (\$2.9 million). The maximum request is \$500,000 per application and no match is required. All projects must take place in disadvantaged communities  
Deadline: **January 21, 2024**.

[The Chef Ann Foundation Partnerships for Local Agriculture & Nutrition Transformation in Schools \(PLANTS\)](#) grant program will fund eight collaborative projects led by groups of local partners advancing systemic and equity-driven approaches to transforming school food supply chains. Projects should seek to build and strengthen relationships among community-based food system stakeholders and school districts more nourishing school meal programs. Applications will close on **January 22, 2024**.

[Supporting Community Agriculture and Local Education Systems \(SCALES\) Grants](#)- A key goal is to support innovation to increase the use of locally-sourced foods and beverages in school meals. SCALES will be issuing up to 70 grants to SFAs across the United States. Grants will last for two years and provide up to \$150,000 for each SFA to engage in projects to increase local procurement. Deadline: **January 26, 2024**.

[EPA Offers Schools Funding for Green Buses](#)- 2023 Clean School Bus Rebate Program plans to award at least \$500 million in funding for school districts interested in replacing their older school buses with cleaner alternatives. Selectees may also be eligible for tax credits. Deadline: **Jan. 31, 2024**.

[Five Star and Urban Waters Restoration Grant Program](#) seeks to develop nationwide community stewardship of local natural resources. Projects should seek to address water quality issues in priority watersheds, such as erosion due to unstable streambanks, pollution from stormwater runoff, and degraded shorelines caused by development. Full proposals are due **January 31, 2024, by 11:59 PM ET**.

[Cigarette Litter Pollution Prevention Grant](#) - Keep America Beautiful (KAB) provides grants to affiliates and other community groups and local governments to implement projects that help build clean, green, and beautiful places for all to thrive and enjoy. Deadline: **February 15, 2024**.

[NY Climate Resilience Grant Program](#) has funding available to support land trusts and other non-profits as well as local municipalities and tribal nations in their land protection, climate adaptation and planning initiatives. Organizations may apply for up to \$50,000 per project. The Nature Conservancy (TNC) will hold a webinar on January 9 to provide more information about the program and application process. Please register ahead [here](#). Deadline: **February 24, 2024**.

[NOAA's Great Lakes Bay Watershed Education and Training \(B-WET\) Program for Indigenous Communities](#)- supports environmental and place-based educational programs in the Great Lakes watershed and is seeking applications for projects that provide Meaningful Watershed Educational Experiences for youth that incorporate Indigenous Traditional Ecological Knowledge. Deadline: **February 29, 2024, by 11:59 PM ET**.

[NOAA 2024 Great Lakes Bay Watershed Education and Training for Indigenous Communities Grant](#) supports environmental and place-based educational programs and is seeking applications for projects that provide "Meaningful Watershed Educational Experiences" for youth that incorporate "Indigenous Traditional Ecological Knowledge" in the Great Lakes watershed. Applications are due by **March 1, 2024**.

[Sigma Xi Grants in Aid of Research \(GIAR\) program](#). Graduate and undergraduate students are encouraged to apply. Sigma Xi members are eligible for increased grant amounts up to \$5,000 for graduate students and up to \$2,000 for undergraduate students. Non-member applicants are eligible for grants up to \$1,000. Deadline to apply is **March 15, 2024**.

[2024 Earth Day Grants](#) -The Air & Waste Management Association – Niagara Frontier Section (A&WMA-NFS) will again be awarding one or more grants worth up to \$500 each in honor of Earth Day 2024. The program promotes environmental awareness through creative and impactful educational activities and community engagement efforts. The grant is open to educational institutions and community organizations in New York State counties of Allegany, Cattaraugus, Chautauqua, Erie, Niagara, and Wyoming. Deadline: **March 22**.

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

[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).

[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

[Lead Executive Director: Wyoming CCE](#)- Deadline: **January 4**.

[Urban Planning Intern: Erie Cty Dept. of Environment and Planning](#)- posted next week at site, paid, full-time for 19 weeks starting in Feb. Work will be focused on conducting local law and regulation review around water quality and environmental sustainability including reviewing the zoning codes, comprehensive plans, and other regulations in place for municipalities in the Niagara River/Lake Erie Watershed. Deadline: **January 19**.

[SNAP-Ed Nutritionist](#) - Cornell Cooperative Extension of Erie County has an opening for a full-time SNAP-Ed Nutritionist working from the Buffalo, NY office.

[Program Manager: Marine Plastics](#)-Earth Echo International, remote with travel.

[Farm Manager Job Description: Providence Farm Collective](#)- year round full-time. Deadline: Until Filled.

[Education Program Specialist: Buffalo Zoo](#)- Deadline: Until Filled.

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

[Conservation District Technician](#), Genesee County Human Resources

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

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

[Outreach Coordinator: Erie County](#)- to help low- and moderate-income residents learn about available energy programs and services, including programs to improve home energy efficiency. The candidate will need to have strong communication skills. Experience with community outreach to disadvantaged communities is a plus.

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

[Environmental Scientist/Wetland Scientist](#)

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

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

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

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

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

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

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

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

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

## Citizen Science

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

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

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

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

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

[Other Citizen Science Programs](#)

## Upcoming Community Activities:

### Monday, January 1

**First Day Hike**-10am. Ring in New Year's Day with a hike led by a DEC Forest Ranger who will discuss how to prepare for any outdoor adventure. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**Attend a First Day Hike**-Looking forward to a fresh start in 2024? Why not ring in the New Year by joining DEC, State Parks, and the Canal Corporation for a [First Day Hike](#) on Monday, January 1, 2024. The 13th annual event includes options for hikes ranging from self-guided treks to staff- or volunteer-led hikes, with some locations offering multiple options allowing people the time and space to enjoy nature's winter wonders.

### Tuesday, January 2

**IMAGINE Buffalo Speaker Series: Catherine Shick**-Join us on Tuesdays at 12:30 p.m. [via Zoom](#) for the IMAGINE Buffalo Speaker Series!

### Wednesday, January 3

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

### Thursday, January 4

**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.*

**Building Skin: The Importance of the Thermal Envelope**-12 to 1pm. Webinar [REGISTER](#)

### Friday, January 5

**What's Bugging You First Fridays**-12 to 12:30pm virtual presentations on practical solutions to pest problems. In this monthly virtual series, we'll explore timely topics to help you use integrated pest management (IPM) to avoid pest problems and promote a healthy environment where you live, work, learn and play. Details and registration information can be found at: <https://cals.cornell.edu/new-york-state-integrated-pest-management/outreach-education/events/whats-bugging-you-webinars>.

**Buffalo Geological Society Meeting** -7:30 pm at 100 Lee St., Buffalo.- [Talk by Dino Zack on Fluorescent Minerals of Northern New York](#), Dino Zack, PG, CPG, STS Senior Geologist/Project Manager, AECOM Technical Services, Inc., Buffalo, NY.

### Saturday, January 6

**New Year Forest Bathing**-10am. Recover from the holiday season with this program based on the Japanese practice of shinrin-yoku (forest bathing). The walk will focus on the sights, sounds, and smells of the forest to induce relaxation. For adults and children ages 12 and older. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**Eclipse Training**- 10am to noon at Beaver Meadow Nature Center. [Register here](#)-if 5 people don't sign up, you will be notified on Friday.

**Gardeners Give and Take**-10 am. Urban Roots Cooperative Farm Market 428 Rhode Island St., Buffalo. An informal discussion on everything gardening. Whether a novice or expert, you can discuss your gardening successes, failures, questions and concerns. It's a great way to meet new gardeners and further your knowledge during the cold winter months. They'll put the coffee on; you bring the discussion.

**New Year Hike**-Tiff Nature Preserve 10 a.m. - 11:30 a.m. | All ages. Welcome the New Year with a refreshing guided hike on trails less traveled! We'll keep a steady pace but pause here and there to enjoy the beauty of nature and reflect upon hopes for the months to come. [Register](#).

**Woods Walk: The Woods in Winter**-11am. Look for changes in the woods during winter. Identify trees without leaves and search for signs of animal activity. Reinstein Woods Nature Preserve. No registration required.

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

**Bark Owls**-10:00 AM - 11:30 AM at [Niagara Falls State Park](#). This craft is a HOOT! Join us in the Education Center for this nature-inspired craft while learning about the different owls found in our region and how to identify them! Materials for craft will be provided. Registration required on [Eventbrite.com](#).

**Snow Roll**- Noon at Downtown Bazaar at 617 Main St. Bikes leave at 12:30pm.

### Sunday, January 7

**Canalside Public Ice Skating**- <https://buffalowaterfront.com/canalside>

### Monday, January 8

**Collections Live-Working with the Geology Collection**-10:00 AM - 1:00 PM at the Buffalo Science Museum. A lot goes on behind the scenes in our Collections Department. Unearth some of the projects our staff and volunteers are currently working on in Geology Storage. No pre-registration required; activity is ongoing. All ages. Included with Museum admission and free for members.

### Tuesday, January 9

**Kenmore Garden Club**- 10:00 am. The guest speaker will be Mark Yaden from Mischler's Greenhouse. He will demonstrate how to create an indoor dish garden and will bring houseplants available for members to purchase. The meeting will be held at Kenmore United Methodist Church, 32 Landers at Delaware Roads.

**ADK General Meeting**-Amherst Community Church, 77 Washington Highway, Amherst, NY. Education Workshop- 6:15, Program- 7:30. A recent Buffalo News article really spiked the interest of the program committee chairs when they read "Jason Lape challenged himself to climb every major peak in the eastern U.S." He will share the many extraordinary tales throughout his experiences while in the mountains."

**Material Reuse Forum: Reuse in Climate Action Plans**- 1 to 3pm webinar. Explore the growing trend of integrating reuse practices into climate action plans during our forum "Reuse in Climate Action Plans." Governments are increasingly recognizing the environmental benefits of reusing durable goods, spanning construction materials, consumer items, household goods, electronics, books, textiles, and fixtures. Join us for insightful discussions featuring three expert speakers who will share their perspectives on how reuse can play a pivotal role in sustainable climate action plans. [Register](#).

**IMAGINE Buffalo Speaker Series** -Join us on Tuesdays at 12:30 p.m. [via Zoom](#) for the IMAGINE Buffalo Speaker Series!

**Niagara Frontier Botanical Society Meeting**-7:30pm, Harlem Road Community Center, Snyder. "Quaking Mats, Muck, & Mire: Bog-walking in Western New York, Part II." Wayne Gall will share still more of his vast knowledge of WNY's most uncommon, most restricted, most unknown, and most beautiful habitats. Wayne has served as head naturalist at Tiff Nature Preserve, Curator of Entomology at the Buffalo Museum of Science, and Regional Entomologist & Research Scientist, NYS Department of Health.

### Wednesday, January 10

**Behind-the-Scenes Collections Tours: Geology Rocks!**- Buffalo Science Museum, 6 to 7:30pm. *Holmes! What kind of rock is this? Sedimentary, my dear Watson.* Learn why this and other coRn Y jokes are funny by investigating the Museum's Geology Collection. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. [Register](#).

**Erie County SWCD and WNY Stormwater Coalition 4-Hr Erosion & Sediment Control Course**- 8:30am to 1:00pm ~ Virtual via Zoom. [Info and register](#).



**Hamburg Garden Club-VFW** Post 1419 Hamburg 2985 Lakeview Road, Hamburg, at 10 am. Britney Kujawa will give a presentation on "Extracting Colors From Nature." In her own business, Native Ribbon, she creates beautiful textile products using a plant-based, eco-friendly dying process. Guests are welcome. If you are interested in joining the meeting, please make your reservation at [lonabutler4@gmail.com](mailto:lonabutler4@gmail.com).

#### Thursday, January 11

**Virtual Program, Lunch for a Livable Planet: Food and Food Waste**-Noon. How can eating delicious food and reducing food waste help the planet? Make a New Year's Resolution to find out at this virtual presentation! Registration required; register online at [www.reinsteinwoods.org/events](http://www.reinsteinwoods.org/events).

**Green Drinks** - Join others to network and enjoy conversation with environmental folks at 5:30pm at Flying Bison Brewing Co. 840 Seneca St, Buffalo, NY 14210. The event is also listed on [Facebook](#) and on the [Green Drinks webpage](#).

**Brains & Grains: Explore Buffalo Trivia at Duende**-6pm. \$10, Duende at Silo City, 85 Silo City Row, Buffalo NY 14203. Register at <https://explorebuffalo.org/events/brains-grains-explore-buffalo-trivia-at-duende/>

**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.*

**Science in the Virtual & Actual Pub** -meets on the second and fourth Thursday of the month at 7:00 pm Eastern. Most sessions are fully virtual. For registration and link, visit <https://www.priweb.org/event/science-in-the-virtual-pub>.

**Tiny Tots – Woodland Animals**-10:00 AM - 11:00 AM at [Knox Farm State Park](#). Explore the natural world around us! This program will connect children and their parents/guardians with nature through short walks and fun activities. Parents/guardians must stay with their children. Ages 3-5. Registration required on [Eventbrite.com](#).

**Outdoor Skills Indoors**-6:00 PM - 07:30 PM at [Niagara Falls State Park](#). Make cordage from natural fibers and learn common sources of fiber and traditional uses of the material. Registration required on [Eventbrite.com](#).

#### Friday, January 12

**Canalside Public Ice Skating**- <https://buffalowaterfront.com/canalside>

**Buffalo Astronomical Association Meeting**-7:30pm via zoom- to join [info@buffaloastronomy.com](mailto:info@buffaloastronomy.com)

#### Saturday, January 13

**Learn to Cross-Country Ski**-10am. Learn the basics of cross-country skiing before going on a short, guided ski tour. \$15 per person, \$10 for Friends members. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**Eclipse Training**- 10am to noon at Beaver Meadow Nature Center. [Register here](#)-if 5 people don't sign up, you will be notified on Friday.

**Composting Workshop**- 12 to 1:30pm at Massachusetts Avenue Project (387 Mass. Ave., 14213). Free, space limited so required registration: [events@grassrootsgardens.org](mailto:events@grassrootsgardens.org) or call 405-473-4209.

**Start seeds: Beyond the Basics**- 2 to 4pm. Audubon Library 350 John James Audubon Parkway, Amherst, New York. Some seeds need special treatment to get good germination. This class covers stratification and scarification: what they are, what seeds need them, a few methods for doing them, and a bit on why some seeds make us go to all this trouble. If you're confident starting plants like tomatoes, peppers, and zinnia from seed and want to go further, this is the class for you. It will be presented by Erica Fire, a volunteer with the WNY Seed Library. Space is limited. To register, please call the Audubon Library at 716-689-4922. For more information, contact Erica Fire at [e\\_stuckwisch@yahoo.com](mailto:e_stuckwisch@yahoo.com)

**Needles and Twigs**-10:00 AM - 12:00 PM at [Niagara Falls State Park](#). Explore the tree diversity of Goat Island and learn how to identify trees by their bark and twigs. Registration required on [Eventbrite.com](#).

**Winter Woodlawn Photography Walk**-10:00 AM - 11:30 AM at [Woodlawn Beach State Park](#). Woodlawn Beach offers stunning views of Lake Erie and its surroundings, making it the perfect location for capturing the beauty of winter. Enjoy winter photography and nature walk for everyone. Registration required on [Eventbrite.com](#).

### **Sunday, January 14**

**NYSOA Winter Waterfowl Count**-10:00 AM - 11:30 AM at [Evangola State Park](#). Every year, The New York State Ornithological Association counts the number of waterfowl across the state, with more than 250,000 birds recorded in most years. Jump on board this community-driven science project and help tally birds along the shore! Registration required on [Eventbrite.com](#).

**The 10 Essentials for Winter Preparedness**-10am at [Como Lake - Como Lake Park Casino](#). Don't let the cold keep you inside this winter! Join Ranger Adam for a presentation and hike as he guides you through the essential tools and knowledge needed to thrive in the winter wilderness. Trail Conditions: Potential for snowy conditions, ice and wind. Will be walking paved and unpaved trails. Equipment Needed: Winter clothing, boots, hats & gloves. Other: Not stroller or wheelchair accessible. A small presentation will be held inside of the casino where dogs are not allowed, leashed dogs may join for the hike portion of the program! [Register for The 10 Essentials for Winter Preparedness ~ Como Lake Park ~](#)

### **Monday, January 15**

**Solar Eclipse Safety Training**-Science Museum, 1pm, Recommended for ages 12+. The April 8, 2024 Total Solar Eclipse is coming in a few short months! A total solar eclipse is an extremely rare and special event. Our communities will need as many trained volunteers as possible when the eclipse arrives. This hands-on workshop will teach you how to view the eclipse without the danger of damaging the eyes or affecting vision. We will discuss how the eclipse will unfold in detail so that you can guide others as to what to expect and how to prepare. A variety of safe eclipse viewing methods will be explained and demonstrated. Seats will be available until capacity is reached. Included with museum admission and free for members. [Info](#).

### **Tuesday, January 16**

**Open Space Conservation Plan Regional Advisory Committee Meeting**- 1 to 3pm. The New York State Department of Environmental Conservation (DEC) and Office of Parks, Recreation and Historic Preservation (Parks) have begun the process of updating the [State's Open Space Conservation Plan](#). DEC Region 9 will be holding its next RAC meeting on Tuesday, January 16 from 1:00 PM to 3:00 p.m. at the Southern Tier West Regional Planning and Development Board in Cattaraugus County. Interested members of the public are welcome to observe the meetings in person or virtually. Registration is required to attend. [Register](#).

**Trivia Tuesday**-6:00 PM - 07:00 PM at [Niagara Falls State Park](#). Come one, come all to compete with friends and family alike in a game of nature bingo! Figure out clues to fill in spaces and win small prizes! Registration required on [Eventbrite.com](#).

**IMAGINE Buffalo Speaker Series** -Join us on Tuesdays at 12:30 p.m. [via Zoom](#) for the IMAGINE Buffalo Speaker Series!

### **Wednesday, January 17**

**SciNight Workshop: Gyotaku Fish Printing**-Science Museum from 6 - 7:30 pm. Explore the art of gyotaku, fish printing, in our hands-on workshop that links creativity and natural beauty. Learn about the history and techniques of this art form and create your own lifelike prints to take home. You'll be o-fish-ally hooked! All materials are provided and no prior experience is required. [Register](#).

**EPA Webinar**- 3pm, to discuss two recent reports, "[From Field to Bin: The Environmental Impacts of U.S. Food Waste Management Pathways](#)" and "[Quantifying Methane Emissions from Landfilled Food Waste](#)." The webinar is part of a series on EPA Tools and Resources. [Register now!](#)

## Thursday, January 18

**Virtual Program: Sustainable Fashion and Beauty**-Noon. What we put on our bodies can have a big impact on the environment. Join this lunchtime talk for tools and resources to help you make climate-positive fashion and beauty choices. Registration required; register online at [www.reinsteinwoods.org/events](http://www.reinsteinwoods.org/events).

**Underrated tree species in NY (Webinar)** –12:00 p.m. to 1:00 p.m. Join us for a lunch time webinar with Dr. Don Leopold of SUNY ESF who will share his top 10 underrated tree species in NY—species that aren't commonly planted but do well and bring diversity to urban forests and should be considered. Registration is required for this free event; [register now](#).

**National Climate Assessment Public Engagement Webinar: Agriculture, Rural Communities, and Food Systems**-4pm. [Register](#).

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

**League of Women Voters Third Thursday Social**-2:00 - 4:00 p.m at Coffee and Stone, 54 Webster Street, North Tonawanda. Join us for this casual gathering! Open to members and anyone who just wants to know more about the League's work.

**Unlocking the Power of Hydrogen for Energy, Industry, and Agriculture**- Noon to 1pm, learn the basics of hydrogen, including the “hydrogen rainbow,” the role of hydrogen in clean energy, the role of hydrogen in industry and agriculture, and some exciting insights on the future of hydrogen development! It's an exciting time to discuss hydrogen! [Register](#).

## Friday, January 19

**SciNight Workshop: Indoor Eclipse Experience & Night Hike**-Tiff Nature Preserve from 7 - 9 pm. Experience a solar and lunar eclipse and a tour of the Queen City skies inside our portable indoor planetarium plus a short-guided hike under the real night sky. This is the perfect opportunity to ask your eclipse questions and get ready for the shadow of the Moon on April 8! Contact x394 for planetarium accessibility information. [Register](#).

## Saturday, January 20

**Celebrating Squirrels**-11am. The perfect way to celebrate everyone's favorite holiday, Squirrel Appreciation Day! Join us on a walk for some squirrel spotting and learn about the life of a squirrel. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**Woods Walk: Winter Plants**-1pm. Plants make it through the winter in an amazing number of ways. See some great examples right here in the woods. Reinstein Woods Nature Preserve. No registration required.

**Snowshoe Adventure Hike**-10:00am-12:30pm at JP Nicely Memorial Park, West Falls. Embrace the Western New York winter as you explore the rich habitats at this park on snowshoes. During this adventure, you will learn about winter nature happenings as you explore. Please dress for the weather. If adequate snow is not present, this program will be a hike. [REGISTER](#)

**Headlamp Hike**-5 to 7pm at the Clarence Nature Center, 9030 Sheridan Drive. Guided hike, info tables and entertainment.

**Indoor Eclipse Experience**-Tiff Nature Preserve. Register for a 45 min. session: [11a.m.](#), [12p.m.](#), [3p.m.](#) | Ages 5+. Experience a solar and lunar eclipse and a tour of the Queen City skies inside our portable indoor planetarium! This is the perfect opportunity to ask your eclipse questions and get ready for the shadow of the Moon on April 8!

**Eclipse Training**- 10am to noon at Beaver Meadow Nature Center. [Register here](#)-if 5 people don't sign up, you will be notified on Friday.

**Gardeners Give and Take**-10 am. Urban Roots Cooperative Farm Market 428 Rhode Island St., Buffalo. An informal discussion on everything gardening. Whether a novice or expert, you can discuss your gardening successes, failures, questions and concerns. It's a great way to meet new gardeners and further your knowledge during the cold winter months. They'll put the coffee on; you bring the discussion.

**Snowshoe & Ice Volcano Walk**-10:00 AM - 11:30 AM at [Evangola State Park](#). Experience the winter season to the fullest with a guided snowshoe trek on the forested trails of Evangola. If conditions permit, we will end the hike by discovering the frozen marvels of Lake Erie's ice volcanoes! Snowshoes, snow permitting. Registration required on [Eventbrite.com](#).

**Straight Talk 2024** -The U.S. Small Business Administration Buffalo District Office and the Buffalo Niagara Chapter of SCORE will host at the Buffalo Niagara Convention Center. Over the past 26 years, this program has attracted thousands of current and aspiring entrepreneurs from Western New York. Straight Talk exposes entrepreneurs and small business owners to a robust amount of information and resources that can help them start or grow their small business. The doors open at 8:00 a.m. at the Buffalo Niagara Convention Center on January 20<sup>th</sup>. The registration fee prior to the day of the conference is \$20. Cost on the day of the Conference is \$25.00. Students with current/valid identification pay \$10.00, and veterans/military attend for free with proof of status. Registration fees include a continental breakfast and parking. [Register](#).

### Sunday, January 21

**Art in the Park: Winter Luminary Jars**-1:00 PM - 02:30 PM at [Evangola State Park](#). Enjoy a seniors (62+) program to create your very own unique nature inspired art in the park! Registration required on [Eventbrite.com](#).

**Intense Winter Hike** -10am at [Sprague Brook - Cross Country Ski Trail Warming Hut](#). Come with Ranger Roy for a 5 to 6 mile hike in winter conditions. We will go over some preparation and safety basics before heading out. This hike will be strenuous and challenging, not a good first hike. Duration: 2-3 hours. Equipment Needed: Come equipped with your 10 essentials, good boots, layers of clothing, hiking crampons if you have them and poles if you use them. [Register for Intense Winter Hike ~ Sprague Brook Park ~](#)

### Monday, January 22

**Collections Live-Working with the Geology Collection**-10:00 AM - 1:00 PM at the Buffalo Science Museum. A lot goes on behind the scenes in our Collections Department. Unearth some of the projects our staff and volunteers are currently working on in Geology Storage. No pre-registration required; activity is ongoing. All ages. Included with Museum admission and free for members.

### Tuesday, January 23

**Recalibrating our Economic Compass: Embracing Circularity for a Healthy Planet**-11:15am to 12:45pm. Webinar. [Register](#).

**Master Gardener Lunch & Learn: Planning a Vegetable Garden**- 12:00 PM - 12:30 PM. Do you want to grow your own food? Join Master Gardeners to learn some tips and tricks on how to grow a successful vegetable garden. Free. In-person: 28 Parkside Drive Ellicottville. [Zoom](#) option. [Register](#)

**IMAGINE Buffalo Speaker Series** -Join us on Tuesdays at 12:30 p.m. [via Zoom](#) for the IMAGINE Buffalo Speaker Series!

### Wednesday, January 24

**Winter Wildflowers**-10:30am. Explore the world of winter plants and see what next summer's wildflowers will look like during this indoor program. For adults only. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**Clean Air Coalition General Meeting**- 5:30 to 70pm online or in person at Trinity Church, 371 Delaware. [Register](#).

**Webinar UB: Supply Chain and Energy Transitions**- Noon. [Register](#).

**West Valley Citizens' Task Force Meeting-** 6:30 – 8:00 p.m. at Ashford Office Complex, 9030 Route 219, West Valley. On-line webinar: [Register here.](#)

**Behind-the-Scenes Collections Tours: Cabinet of Curiosities-** 6 to 7:30 pm at the Buffalo Science Museum. Take a peak 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 [Register.](#)

**Learn How to Access Funding for Programs that Reduce Climate Pollution-**[Register now](#) for webinar, 2:00 to 3:30 pm ET, highlighting strategies for accessing funding under EPA's Climate Pollution Reduction Grants (CPRG) Program.

**2024 Citizens Regional Transit Annual Meeting-** 5:30 to 7pm at Frank E. Merriweather Jr. Library, 1324 Jefferson Avenue, Buffalo, NY 14208. [You can also join remotely:](#) Meeting ID: 244 467 004 219  
Passcode: ehMP6b

### Thursday, January 25

**Full Moon Walk-**6:30pm. Listen for the night sounds of the woods on this guided night walk. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**Science in the Virtual & Actual Pub** -meets on the second and fourth Thursday of the month at 7:00 pm Eastern. Most sessions are fully virtual. For registration and link, visit <https://www.priweb.org/event/science-in-the-virtual-pub>.

**Full Moon Family Hike-** Tiff Nature Preserve from 6 - 7:30 p.m. | Ages 5+. Enjoy an evening outdoors with a guided, tranquil stroll in search of wildlife beneath January's Full Moon. Flat accessible trails. No headlamps, video, or photography please. [Register.](#)

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

### Friday, January 26

**Get a Clue-**6 to 9pm at Buffalo Science Museum. Help solve a Museum Mystery! Was it botanist Mary Gold in Rethink Extinct with the mastodon tusk? With your team, gather clues from witnesses stationed throughout the Museum to determine "whodunit." *Ages 21+ (photo ID required), cash bar.* [Required tickets here.](#)

### Saturday, January 27

**I Bird NY for Kids-**9am. A great way to introduce kids to birding! Small teams of kids will compete to see who can find the most birds during 90-minute hikes at Reinstein Woods and other nearby NYS Birding Trail sites. Binocular instructions provided. For more information, call 716-683-5959. Registration required; register online at [www.reinsteinwoods.org/events](http://www.reinsteinwoods.org/events).

**Garden Planning 101 Workshop-** 12 to 1:30pm at Grassroots Gardens (389 Broadway, 14204). Free, space limited so required registration: [events@grassrootsgardens.org](mailto:events@grassrootsgardens.org) or call 405-473-4209.

**Experiment Night! Family Night Out!**-Tiff Nature Preserve from 6 - 8 p.m. | Ages 5+. Join us for an indoor family night out conducting simple, sometimes messy, always fun science experiments and hands-on activities for young scientists, from frozen bubbles to "elephant toothpaste" and fake snow! [Register.](#)

**Seed swap in West Seneca-**1:30 pm – 3:30 pm in the Community Room at the West Seneca Public Library, 1300 Union Rd., West Seneca. Do you have extra seeds? Bring garden seeds that you would like to share or trade with others for free! It's okay if you don't have any seeds to swap this year– help yourself to plenty of free leftovers. This event is sponsored by the Friends of the West Seneca Public Library. For more information, please call 716-674-2928.

**Skimore Knox-10am** at [Knox Farm State Park](#). If you're looking for an exciting way to explore the great outdoors during the winter months, cross country skiing might be just the thing for you! Appreciate the winter landscape of Knox Farm State Park while getting some exercise. Registration required on [Eventbrite.com](#).

**Eclipse Training-** 10am to noon at Beaver Meadow Nature Center. [Register here](#)-if 5 people don't sign up, you will be notified on Friday.

### **Sunday, January 28**

**Canalside Public Ice Skating-** <https://buffalowaterfront.com/canalside>

**"Skull" -duggery: Identification of WNY wildlife skulls -10am** at [Chestnut Ridge - Casino](#). Ranger Stephanie will be set up inside the Chestnut Ridge Park Casino from 10am-12pm to teach you the ins-and-outs of animal skulls! Learn to tell the difference between species, how to age deer skulls and how to find out what kinds of food wildlife eat. Stephanie will have a display of real skulls from birds and mammals found in our region, so bring your questions and let Ranger Stephanie increase your osteological knowledge! This event will take place entirely in the wheelchair accessible Chestnut Ridge Casino and will not have a hiking component. Come by and say hi! [Register for "Skull" -duggery: Identification of WNY wildlife skulls ~ Chestnut Ridge Park ~](#)

### **Monday, January 29**

**Tiftt Volunteer Tour Guide Training-** second part is Jan. 31. 9:30 am - 12:30 pm. Do you enjoy being outdoors and sharing the wonders of nature with groups of children? Then Tiftt wants you as a Volunteer Tour Guide! Register for our two-part Winter Training Series to learn why and how we do what we do to reach thousands of children each year. *Please pre-register BEFORE January 22.* [Register.](#)

### **Tuesday, January 30**

**Trivia Tuesday-** 6:00 PM - 07:00 PM at [Niagara Falls State Park](#). Put your mind to the test and compete with friends and family during a game of nature jeopardy! Answer questions and win small prizes. Registration required on [Eventbrite.com](#).

**IMAGINE Buffalo Speaker Series** -Join us on Tuesdays at 12:30 p.m. [via Zoom](#) for the IMAGINE Buffalo Speaker Series!

### **Wednesday, January 31**

**Canalside Public Ice Skating-** <https://buffalowaterfront.com/canalside>

### **Thursday, February 1**

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

### **Friday, February 2**

**What's Bugging You First Fridays-**12 to 12:30pm virtual presentations on practical solutions to pest problems. In this monthly virtual series, we'll explore timely topics to help you use integrated pest management (IPM) to avoid pest problems and promote a healthy environment where you live, work, learn and play. Details and registration information can be found at: <https://cals.cornell.edu/new-york-state-integrated-pest-management/outreach-education/events/whats-bugging-you-webinars>.

**Buffalo Geological Society Meeting-** 7:30pm at 100 Lee St. Talk by Dr. Phil Stokes from Penn Dixie Fossil Park on *Back from the dead: Unveiling an enigmatic new species from Western New York.*

### **Saturday, February 3**

**A Groundhog's Guide to Predicting the Weather-**11am. Celebrate a belated Groundhog's Day with us! Have you ever wondered how they predict the weather? The groundhogs haven't let us in on their secrets yet, but we can find other ways to predict the weather. Join us for a craft and walk where you will get to make and use your very own weather guide. For children in grades 1-5. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

**Birding Basics**-10:00am-12:30pm at Knox Farm State Park, East Aurora. Learn birding skills as we search the field and forest for winter birds. This program is for birders of all skill levels and the trails are easy to navigate. Please dress for the weather as we will be out rain or shine! Binoculars will be provided, but feel free to bring your own if you prefer. [REGISTER](#)

**Woods Walk: Animal Tracks**-1pm.

One of the great things about winter is tracks in the snow. Let's look for them and the other clues our residents leave behind. Reinstein Woods Nature Preserve. No registration required.

**Eclipse Training**- 10am to noon at Beaver Meadow Nature Center. [Register here](#)-if 5 people don't sign up, you will be notified on Friday.

**Gardeners Give and Take**-10 am. Urban Roots Cooperative Farm Market 428 Rhode Island St., Buffalo. An informal discussion on everything gardening. Whether a novice or expert, you can discuss your gardening successes, failures, questions and concerns. It's a great way to meet new gardeners and further your knowledge during the cold winter months. They'll put the coffee on; you bring the discussion.

**Seed Starting 101**- 2:00 pm – 4:00 pm. Learn all the basics of indoor seed starting—including guidance on soil, lights, heat, humidity and trouble shooting. There will also be demos of planting and potting up, as well as plenty of time for your questions. It will be presented by Erica Fire, a volunteer with the [WNY Seed Library](#), at the Audubon Branch Library, 350 John James Audubon Parkway, Amherst. Space is limited. To register, please call the Audubon Library at 716-689-4922 For more information, contact Erica Fire at [e\\_stuckwisch@yahoo.com](mailto:e_stuckwisch@yahoo.com).

**Snow Roll XXXII**-noon to 4pm. *Mister Sizzle's 346 Connecticut Street, Buffalo*. We ride year round, whether snow or rain or shine on shorter, heartwarming routes. It's a bit colder, but no less fun as long as you layer up! Join us for the third of three Snow Rolls this winter (and 32nd overall!) on Saturday February 3 at Mister Sizzles, 346 Connecticut Street. Meet at noon, ride at 1230pm.

## 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](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:

- **Reduce Food Waste** -Use your eyes and nose when deciding on whether a product needs to be tossed. Labels on food products are misleading- "best by", "sell by", "use by" can lead to unnecessary food waste. Except for infant formula, dates are not an indicator of the product's safety and are not required by Federal law. [Info](#).
- **Educate yourself on Food Labels**- Do you know the difference between Certified Humane, USDA Organic, Cage-free, Free Range etc.? Check out this [site](#) for explanations of these labels.

## Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

**Buffalo & Erie County Botanical Gardens-** Docents needed. Training is provided. Tours and hands-on lessons are scheduled in advance, so you may sign up for those that fit your schedule. Other opportunities to help are available too. For info, contact [khammer@buffalogardens.com](mailto:khammer@buffalogardens.com)

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

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

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

**Buffalo Olmsted Parks Conservancy** will assign volunteers to specific clean up and planting projects throughout the summer. Learn more and [sign up here](#)

**Buffalo ReUse** can use volunteers for many things. To help, contact them at [volunteer@buffaloreuse.org](mailto:volunteer@buffaloreuse.org).

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

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

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

**Go Bike Buffalo-** If you're interested or want more information, [info@gobikebuffalo.org](mailto:info@gobikebuffalo.org)

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



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

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

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

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

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

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

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

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

**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](http://www.preservationbuffaloniagara.org).

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

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

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

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

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

**Additional calendars with local events-**

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

<http://buffalorising.com>

<https://boredommd.com/>

## Useful Tools:

Wildlife Rehabilitator Search- [https://www.dec.ny.gov/cfm/xtapps/sls\\_searches/index.cfm?p=live\\_rehab](https://www.dec.ny.gov/cfm/xtapps/sls_searches/index.cfm?p=live_rehab)

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

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

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

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

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

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

[Bird Migration Explorer](#) provides migration data

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

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

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

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

[Ecosystem Restoration Handbook](#)

[Sustainable Gardening Library Resources](#)

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

[Buffalo B-WELL Videos](#)

<http://growitsaveituseit.com/>

[toolkit to reduce synthetic fertilizer use](#)

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

[Organics Communications Toolkit to Reduce Waste](#)

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

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

[The ABCs of Soil Health](#)

## Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>

Edible Buffalo- <http://ediblebuffalo.wordpress.com/>

Erie Cattaraugus Rail Trail- <http://www.ecattrail.org/>

Farmer Resource Network- <https://farmerresourcenetwork.force.com/FRN/s/>

Fix Buffalo- <http://fixbuffalo.blogspot.com/>

Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>

GBNRTC-<http://www.gbnrtc.org/blog/>

Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>

Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>

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

### **County/New York State Resources**

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

### **Green Jobs, Internships and Opportunities**

E-Magazine-<http://greenjobs.net/>  
Green Jobs- <http://www.greatgreencareers.com>  
Listing of websites-[www.tinyurl.com/SustainabilityAndGreenJobs](http://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](http://www.aquariumofniagara.org)  
[www.buffaloaudubon.org](http://www.buffaloaudubon.org)  
[www.buffalogardens.com](http://www.buffalogardens.com)  
[www.buffscience.org](http://www.buffscience.org)  
[www.tifft.org](http://www.tifft.org)  
[www.buffalozoo.org](http://www.buffalozoo.org)  
[www.penndixie.org](http://www.penndixie.org)  
[www.yourspca.org](http://www.yourspca.org)

### **Grant Opportunities /Tools**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Fenton's Produce- [www.fentonsproduce.com](http://www.fentonsproduce.com)

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

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

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

Food Future WNY- [www.foodfuturewny.org](http://www.foodfuturewny.org)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Niagara Malt- [www.niagaramalt.com](http://www.niagaramalt.com)

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

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

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

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

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

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

Root Down- [www.therootdownfarm.com](http://www.therootdownfarm.com)

Sinemus Farms- <http://www.sinemusfarms.com/>

Singer Farms Naturals-[www.singerfarmnaturals.com](http://www.singerfarmnaturals.com)

Teacup Farm- <http://www.teacupfarm.com/>

Thorpe's Organic Farm- [www.thorpesorganicfamilyfarm.com](http://www.thorpesorganicfamilyfarm.com)

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/](http://www.bestofwny.com/farmers_market/)

Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>

Local Meats- <http://meatsuite.com/>

NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>

WNY Food Hub for Farmers-<https://www.edenvalleygrowers.com/wny-foodhub>

## Local Businesses with Classes and Workshops

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

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

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

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

## Local Tourism promoting Sustainability

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

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

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

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

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

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

Books- [www.booksforafrica.org](http://www.booksforafrica.org), [www.operationpaperback.org](http://www.operationpaperback.org)

Bras- [www.donateyourbra.com](http://www.donateyourbra.com),

Building materials- [www.buffaloreuse.org](http://www.buffaloreuse.org)

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

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

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

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

Clothing, formal/business- [www.donatemyweddingdress.org/](http://www.donatemyweddingdress.org/), [www.careergear.org](http://www.careergear.org), [www.dressforsuccess.org](http://www.dressforsuccess.org)

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

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

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

Construction Materials- Buffalo ReUse, Habitat for Humanity Restore

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](http://www.greenergadgets.org/recycling-responsibly.html), most electronics stores, [www.sunnking.com](http://www.sunnking.com)

City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.

Envelopes, tyvek- 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 18<sup>th</sup> St., Spirit Lake, IA 51360.

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

Furniture- Goodwill, Salvation Army, Amvets and other charities

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

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

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

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

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

DePaul Society (Main St.) 882-3600,

Ink cartridges- [RecyclePlace.com](http://RecyclePlace.com) and most manufacturers

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

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

Medicines, expired or unused- [http://www.dec.ny.gov/docs/water\\_pdf/guidance3.pdf](http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf)

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

Packaging Materials (bubble wrap, peanuts)- UPS Store

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

Pharmaceuticals- dropoff sites at [map](#)

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

Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, [www.plasticfilmrecycling.org](http://www.plasticfilmrecycling.org)

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

Recycling A to Z - [realsimple](http://realsimple)

Shoes, athletic- [NikeReuseAShoe.com](http://NikeReuseAShoe.com), [Souls4Souls.org](http://Souls4Souls.org) and [OneWorldRunning.com](http://OneWorldRunning.com)

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

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

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

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

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

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

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

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

### **Eco-volunteering with Travel:**

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

<http://www.globalteer.org>

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

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

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

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

### **Education Courses, Resources or Certificates:**

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

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

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

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

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

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

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

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

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

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

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

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

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

[Second Nature's Solution Center](http://www.secondnature.org)

### **On Demand Webinars:**

[Extended Producer Responsibility](http://www.extendedproducerresponsibility.com) (other videos on same youtube channel).

[Plan-It GEO](http://www.plan-it-geo.org)

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

EarthEcho [Youtube channel](http://www.earthecho.org) Water Challenge [playlist](http://www.earthecho.org).

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

### **Miscellaneous tools including videos and websites:**

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

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

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

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

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

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

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

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

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

[Archived EPA Climate Change Info.](http://www.epa.gov)

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

[Guide to help schools reduce food waste](http://www.epa.gov)

[Tool for Sourcing Local Meat](http://www.localmeat.org)

[Click here to watch the Know Your Food videos.](http://www.knowyourfood.com)

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

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

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

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

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

[2018 Fuel Economy Guide](#)

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

[NOAA National Marine Sanctuary Webinar series](#)

[NOAA One Science Seminar Series](#)

[Green Restaurant sustainability tool](#)

[Mapping Climate Change.](#)

[Socially Responsible Investing and Banking](#)

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

[Promise of Biomimicry](#)

[Pollinators under Pressure](#)

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

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

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

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

AIA Buffalo Western NY

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

Air and Waste Management Association

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

Allegany Nature Pilgrimage

<http://alleganynaturepilgrimage.com/>

Alliance for the Great Lakes

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



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

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

Gardens Buffalo Niagara	<a href="https://gardensbuffaloniagara.com/">https://gardensbuffaloniagara.com/</a>
Garden Clubs of WNY	<a href="http://www.gardenclubsofwny.com">www.gardenclubsofwny.com</a>
Genesee County Nature Center	<a href="http://co.genesee.ny.us/departments/parks/inc.php">http://co.genesee.ny.us/departments/parks/inc.php</a>
Genesee County Village & Museum	<a href="https://www.gcv.org/">https://www.gcv.org/</a>
Global Justice Ecology Project	<a href="http://globaljusticeecology.org/">http://globaljusticeecology.org/</a>
Go Bike Buffalo	<a href="http://gobikebuffalo.org/">http://gobikebuffalo.org/</a>
Go Buffalo Niagara	<a href="http://gobuffaloniagara.org">http://gobuffaloniagara.org</a>
Gooseneck Hill Waterfowl Sanctuary	<a href="http://www.gooseneckhillwaterfowlfarm.com">www.gooseneckhillwaterfowlfarm.com</a>
Grassroots Gardens of Buffalo	<a href="http://www.grassrootsgardens.org/">www.grassrootsgardens.org/</a>
Greater Buffalo-Niagara Regional Transportation Council	<a href="http://www.gbnrtc.org/">www.gbnrtc.org/</a>
Greater Buffalo Urban Growers Network	<a href="https://www.facebook.com/greaterbuffalourbangrowers">www.facebook.com/greaterbuffalourbangrowers</a>
Great Lakes Center at Buffalo State College	<a href="http://greatlakescenter.buffalostate.edu/">http://greatlakescenter.buffalostate.edu/</a>
Great Lakes Research Consortium	<a href="https://www.esf.edu/glrc/">https://www.esf.edu/glrc/</a>
Habitat for Humanity	<a href="https://www.habitatbuffalo.org/">https://www.habitatbuffalo.org/</a>
Hawk Creek Wildlife Center	<a href="https://www.hawkcreek.org">https://www.hawkcreek.org</a>
HEART Animal Rescue and Adoption	<a href="https://www.heartforanimals.org/">https://www.heartforanimals.org/</a>
Heart of the City Neighborhoods, Inc.	<a href="http://www.hocn.org">www.hocn.org</a>
Hope Rising Together	<a href="https://ltlol.com/">https://ltlol.com/</a>
Housing Opportunities Made Equal	<a href="https://www.homeny.org/">https://www.homeny.org/</a>
Imagine Greater Buffalo Lifelong Learning	<a href="http://imaginelifelonglearning.com/">http://imaginelifelonglearning.com/</a>
Inland Ocean Coalition-Buffalo Chapter	<a href="https://inlandoceancoalition.org/whoweare/chapters/buffalo/">https://inlandoceancoalition.org/whoweare/chapters/buffalo/</a>
Innovation Center Buffalo	<a href="http://innovationcenterbuffalo.org/">http://innovationcenterbuffalo.org/</a>
Iroquois National Wildlife Refuge	<a href="http://www.fws.gov/refuge/iroquois/">http://www.fws.gov/refuge/iroquois/</a>
Jamestown Audubon Center & Sanctuary	<a href="http://auduboncnc.org/">http://auduboncnc.org/</a>

Jamestown Community College	<a href="http://www.sunyjcc.edu/sustainability">http://www.sunyjcc.edu/sustainability</a>
Lake Erie Watershed Protection Alliance	<a href="http://www.erie.gov/lewpa">http://www.erie.gov/lewpa</a>
Leadership Buffalo	<a href="https://www.leadershipbuffalo.org/">https://www.leadershipbuffalo.org/</a>
League of Women Voters of Buffalo Niagara	<a href="http://www.lwvbn.org/">http://www.lwvbn.org/</a>
Local Initiatives Support Corporation	<a href="https://www.lisc.org/wny/">https://www.lisc.org/wny/</a>
Lyceum at Silo City	<a href="https://www.lyceumsilo.city/">https://www.lyceumsilo.city/</a>
Massachusetts Avenue Project	<a href="http://mass-ave.org/">http://mass-ave.org/</a>
Matt Urban Human Services Center	<a href="http://urbanctr.org/">http://urbanctr.org/</a>
Messinger Woods Wildlife Care and Education Center, Inc	<a href="http://www.messingerwoods.org">www.messingerwoods.org</a>
Nannen Arboretum	<a href="http://www.nannenarboretum.org/">http://www.nannenarboretum.org/</a>
Nature Conservancy-Central and Western New York Chapter	<a href="http://Nature.org">http://Nature.org</a>
Nature Sanctuary of Western New York	<a href="http://nsswny.org/">http://nsswny.org/</a>
New York Farm Bureau	<a href="http://www.nyfb.org/">http://www.nyfb.org/</a>
New York Flora Association	<a href="http://www.nyflora.org/">http://www.nyflora.org/</a>
New York Forest Owner's Association	<a href="http://www.nyfoa.org">www.nyfoa.org</a>
New York Interfaith Power and Light	<a href="http://www.newyorkipl.org/">www.newyorkipl.org/</a>
New York League of Conservation Voters	<a href="http://www.nylcv.org/">http://www.nylcv.org/</a>
New York Power Authority	<a href="http://www.nypa.gov">www.nypa.gov</a>
New York Public Interest Research Group	<a href="http://www.nypirg.org/">http://www.nypirg.org/</a>
New York State Association of Conservation Commissions	<a href="https://nysacc.org/">https://nysacc.org/</a>
New York State Ornithological Association	<a href="http://nybirds.org/index.html">http://nybirds.org/index.html</a>
New York State Outdoor Education Association	<a href="http://nysoea.org/">http://nysoea.org/</a>
New York State Parks	<a href="https://parks.ny.gov/">https://parks.ny.gov/</a>
NYS Association for Reduction, Reuse and Recycling	<a href="https://www.nysar3.org/">https://www.nysar3.org/</a>

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

Penn Dixie Paleontological and Outdoor Education Center	<a href="http://www.penndixie.org">www.penndixie.org</a>
Pfeiffer Nature Center (Portville)	<a href="http://www.pfeiffernaturecenter.org">www.pfeiffernaturecenter.org</a>
People United for Sustainable Housing	<a href="http://www.pushbuffalo.org">http://www.pushbuffalo.org</a>
Plant WNY	<a href="http://www.plantwny.com/">http://www.plantwny.com/</a>
Pollinator Conservation Association	<a href="http://www.pollinatorconservationassociation.org/">www.pollinatorconservationassociation.org/</a>
Preservation Buffalo Niagara	<a href="http://www.preservationbuffaloniagara.org/">http://www.preservationbuffaloniagara.org/</a>
Primate Sanctuary	<a href="http://www.facebook.com/ThePrimateSanctuary">www.facebook.com/ThePrimateSanctuary</a>
Providence Farm Collective	<a href="http://providencefarmcollective.org/">http://providencefarmcollective.org/</a>
PUSH Blue	<a href="http://www.facebook.com/PUSHBlueWNY/">www.facebook.com/PUSHBlueWNY/</a>
Regional Councils NYS	<a href="http://regionalcouncils.ny.gov">http://regionalcouncils.ny.gov</a>
Reinstein Woods Nature Preserve	<a href="http://www.dec.ny.gov/education/1837.html">www.dec.ny.gov/education/1837.html</a>
Restore our Community Coalition	<a href="http://roccbuffalo.org/">http://roccbuffalo.org/</a>
Retree Western New York	<a href="https://re-treewny.org/">https://re-treewny.org/</a>
ReUse Action	<a href="http://reuseaction.com/">http://reuseaction.com/</a>
Rise Up for Climate Justice	<a href="http://www.facebook.com/riseupforclimatejustice/">www.facebook.com/riseupforclimatejustice/</a>
Roger Tory Peterson Institute	<a href="http://www.rtpi.org">www.rtpi.org</a>
Science Demands Action	<a href="http://www.sciencedemandsaction.org">www.sciencedemandsaction.org</a>
Secret Places of WNY	<a href="https://www.insiders-outside.com/events">https://www.insiders-outside.com/events</a>
Service Collaborative of WNY	<a href="http://www.tscwny.org/">http://www.tscwny.org/</a>
Sierra Club (Niagara Group of Atlantic Chapter)	<a href="http://niagarasierraclub.com/">http://niagarasierraclub.com/</a>
Slow Roll Buffalo	<a href="http://www.facebook.com/groups/slowrollbuffalo/">www.facebook.com/groups/slowrollbuffalo/</a>
South Buffalo Alive	<a href="http://www.facebook.com/South-Bufferalo-Alive-174141769403626/">www.facebook.com/South-Bufferalo-Alive-174141769403626/</a>
SPCA serving Erie County	<a href="http://www.yourspca.org">www.yourspca.org</a>
Street Synergy	<a href="http://www.streetsynergy.org/">http://www.streetsynergy.org/</a>

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

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