

Enviro-News

November 2019

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

- Articles- including events, courses, local news, grants, jobs
- Upcoming Activities
- Tips for the Environment
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

Articles:

Hops 'N Rocks Annual Fundraiser

Penn Dixie's annual fundraiser dinner is **Thursday November 7** from 6 to 9 pm at Pearl Street Grill & Brewery in downtown Buffalo!! We'll have dinner, commemorative gifts, auctions, prizes, live music, and more! Tickets are \$40/presale; \$45/at the door. Tables of 8 are available for \$300. You can purchase tickets and tables [here](#).

Public Sessions on Lake Ontario's Fisheries

An upcoming public meeting and online session will be held on the status of Lake Ontario's alewife population and the salmon and trout fisheries it supports. The public meeting will be **Wednesday, Nov. 13** from 6:30 to 9 p.m., Cornell Cooperative Extension Building, 4487 Lake Avenue, Lockport, Niagara County. The online session will be **Thursday, November 14** from 6:30 to 9pm. [To join the meeting, click here](#). Meeting number: 641 790 213, Password: PCVMcPX3.

Lake Erie Public Session

NYSDEC's Great Lakes Program invites you to attend an upcoming work group meeting to connect with local partners and learn how you and/or your organization can join us in protecting and restoring our Great Lakes lands and waters. A meeting will be held on **Friday, November 15** from 1 to 4pm at Reinstein Woods Nature Preserve in Depew. For more information or to RSVP, please contact Shannon.Dougherty@dec.ny.gov, 716-851-7070.

Wildlife Rehabilitation Course

Hawk Creek Wildlife Center is offering a Wildlife Rehabilitation course on **November 16 and 17** from 12pm to 4pm each day. Develop a sense of appreciation & the importance of preserving native wildlife. Learn how to lend a helping hand to injured, orphaned & distressed animals in your community, while preparing for the NYSDEC Wildlife Rehabilitators Exam! Class will be held at our Mill Rd. Facility! [Register today!](#) [For more info, click here.](#)

The Weather that Sunk the Edmund Fitzgerald

The Western New York Chapter of the American Meteorological Society will present a talk by Dr. Stephen Vermette and J. J. Ptak on the weather system that led to the tragic sinking of the Edmund Fitzgerald in November of 1975. The steamer, eulogized in the ballad by Gordon Lightfoot, sank in a raging snowstorm. This free event will be at 7pm on **Wednesday, November 20** at Daemen College, Research and Information Commons Building room 120, 4380 Main St., Amherst. For information, contact Jack Kanack at jackkanack@gmail.com.

Buffalo Niagara Heritage Village Hosts Water|Ways

Through **November 17, 2019**, Buffalo Niagara Heritage Village will host Water/Ways, an exhibition from Museum on Main Street of the Smithsonian Institute, which will explore water as an essential component of life on our planet, environmentally, culturally, and historically. With compelling text, imagery, interactives, and videos, Water/Ways reveals the central nature of water in our lives. Featuring: Smithsonian and local exhibits about history, culture, and science of water, Events and education programs focused on our local community, Stories from community members about water and Ways to share your own memories and stories. Water/Ways has been made possible in Amherst, New York by the Museum Association of New York. Water/Ways is part of Museum on Main Street, a collaboration between the Smithsonian Institution and State Humanities Councils nationwide. Support for Museum on Main Street has been provided by the United States Congress.

Compliance with NYS Food Donation and Food Scraps Recycling Panel Discussion

The WNY Sustainable Business Roundtable invites you to a discussion on the new NYS Food Donation and Food Scraps Recycling Legislation on **Tuesday, November 19** at the Buffalo Zoo from 8:30 to 10am. Attendance is limited and pre-registration is required. [Register and info here.](#)

Vegan Thanksgiving Celebration

Join others on **Sunday November 24th** at 5:30 p.m. at the Amherst Unitarian Universalist Church for a vegan Thanksgiving celebration. The dinner is a fundraiser for the Animal Advocates of WNY. Suggested donation \$10 adults; \$5 students and seniors, \$2 children 10 and younger - Plus bring a **VEGAN** dish to pass. Food and fellowship are always excellent. This year's guest speaker is Jessica Meyers Altman, a certified Plant-Based Chef and Wellness Educator who holds Master's degrees in both Public Health and Science Education. She will present on the health benefits of eating more plants and provide vegan cooking tips. Jessica's website is: www.gardenfreshfoodie.com. Note that **reservations are required** by calling Walter and Nan Simpson at 716- 839-0062.

Fall in Love with a Better Commute!

Go Buffalo Niagara Rideshare is a FREE program offered by the New York State Department of Transportation. When you become a member, you will be able to find carpools, bike buddies, transit routes, and more commute options! Get rewards this month! Become a member today and receive a \$10 reward* to your favorite store. Already a member? Check your email to find out how you can refer friends and send us a testimonial for rewards! Info at <https://www.511nyrideshare.org/web/go-buffalo-niagara>

Community Bike Master Plan Workshop Presentations Available

Community workshops for a Regional Bicycle Master Plan were held last month. You can still provide input on the plan. View the presentations from the workshop [here](#).

City of Buffalo Leaf and Fall Debris

City of Buffalo residents are reminded that leaves, grass, brush and small branches for curb pickup must be placed in clear or paper bags, NOT raked into streets. Drop-off locations available until December 1 from 8am to 3pm Monday through Friday at: Cazenovia Park, Golf course parking lot, off Wildwood Place; MLK Park, Fillmore Avenue parking lot; Schiller Park, Sprenger Street parking lot; Shoshone Park, parking lot, at foot of Beard Avenue; 1120 Seneca Street, DPW Engineering Garage parking lot, between Babcock and Smith (THIS LOCATION OPEN YEAR ROUND).

Safe Lanes Bike Lane Reporting Platform

Did you know that you can make roads safer by bikers by reporting obstacles? See a bike lane blocked by a car, delivery truck, police officer, etc.? [Report it using Safe Lanes.](#)

Erie County and City of Buffalo Designated as New York Climate Smart Communities

Governor Andrew M. Cuomo announced a record number of new certified Climate Smart Communities which recognizes the leadership of local governments that have documented their accomplishments in reducing greenhouse gas emissions and adapting to climate change. The City of Buffalo and Erie County both received the designation for successfully meeting the bronze criteria. The specific actions that each of the 16 new bronze certified Climate Smart Communities took to achieve certification can be viewed online by accessing their certification reports at <https://climatesmart.ny.gov/actions-certification/participating-communities/>.

Photosynthetic Clothes: Future Growth?

Designer Roya Aghighi has created clothing made from algae that use carbon dioxide in photosynthesis. “Biogarmentry” are the proof of concept for a textile made with living, photosynthetic cells. *Chlamydomonas reinhardtii*, a type of single-cell green algae, are spun together with nano polymers to make the fabric. The resulting fabric feels like linen and is "the first non woven living and photosynthetic textile" to be created. Wearers would need to take care of their garment as they would a plant in order to keep them alive, rather than engaging in the environmentally destructive practice of making synthetic clothes and discarding them after a few uses. Biogarmentry is activated by being exposed to sunlight. Rather than wash their clothes, the owner would just need to spray them with water once a week. [Read more](#)

Clean Heating and Cooling Communities

Clean Heating and Cooling Communities Campaign is aimed at getting groups of homes and businesses in New York State to install clean heating and cooling (CH&C) technologies. CH&C technologies like ground source heat pumps, air source heat pumps, solar heating and cooling, and [biomass](#) can help lower energy bills and reduce emissions of harmful greenhouse gases while making homes and businesses more comfortable. NYSERDA is supporting communities in implementing multi-year community-based outreach and education campaigns. Building on the success of community campaigns like [Solarize](#), NYSERDA is tapping into the power of communities to increase consumer awareness of CH&C technologies and their benefits, help reduce installation costs, and jump-start the CH&C market. CH&C Campaigns help homes and businesses in the same area install these technologies through locally organized community outreach. Community members can negotiate rates collectively, select an installer competitively, and decrease up-front costs by enrolling in a local campaign. For more info, visit [here](#).

Pick Up Your Copy of the Water Trail Guidebook and Map Set

The new NYS Canalway Water Trail Guidebook and set of four water and tear resistant maps is an indispensable resource for paddlers to experience the waterway. The mile-by-mile guide includes launch sites, paddler-friendly facilities and amenities, and places of interest for over 450 miles of the NYS Canal System, including the Erie, Cayuga-Seneca, Oswego, and Champlain canals. Visit our website to download or order a copy. <https://eriecanalway.org/explore/boating/watertrail>

NYSERDA Green Jobs Green New York Energy Studies

Small businesses and not-for-profit organizations are eligible for an energy study that identifies and analyzes opportunities to make their buildings more efficient. The energy study includes: A comprehensive walk through of the facility; site staff interviews; utility bill analysis; fuel-neutral, unbiased evaluation of potential low-cost/no-cost and capital improvement energy efficiency upgrades; and a report that outlines potential energy and cost savings opportunities for your facility. Once the study is complete, you receive assistance in identifying potential utility incentives and low-cost financing options to help take the next steps toward implementing energy saving projects. There is a cost-share for the energy study, which is based on the number of full time equivalent employees. For more information call Michelle Wooddell at 1-888-338-0089; email info@NYEnergyStudy.com; or visit [here](#).

Woodland Owners Sought for Master Forest Owner Program

People who own woodland are sought to volunteer with Cornell Cooperative Extension's [Master Forest Owner program](#). Volunteers meet with owners to listen to their woodland goals, concerns and questions, then offer sources of assistance and encourage them to work with professionals. Get more information in an [article here](#)

Biorecycling for PET plastic

A France-based startup Carbios has developed a process to take pulverized PET plastic waste (typical of plastic drink bottles and polyester clothing) to make new plastic identical in quality to the virgin material. The process uses enzymes which decompose the plastic into the material's basic building blocks, called monomers, which can then be separated, purified, and used to make new plastic. For more info, [read](#) .

Measuring Food Waste and Loss and its Impacts

The Commission for Environmental Cooperation (CEC) issued a technical report and practical guide on food loss and waste measurement. "Why and How to Measure Food Loss and Waste: A Practical Guide" is an easy-to-use tool for businesses to apply in measuring the quantity of food wasted in their process activities. This new tool has the power to alter an organization's practices, reducing operational costs while also helping to reduce the environmental impacts of our food production system. The technical report, "Quantifying Food Loss and Waste and Its Impacts," that was released along with the guide, provides methods to quantify food loss and waste and food surplus across the supply chain, as well as tools to estimate the environmental, financial and social impacts of food loss and waste. Check out these publications here: <http://www.cec.org/flwm/index.php>.

Water Soluble Packaging: End of Shampoo Bottles?

For her master's thesis at the University of Arts in Berlin, Jonna Breitenhuber developed a bottle made from soap that can effectively serve as packaging for any liquid hygiene product on the market—and they are just as visually arresting as the best-designed plastic bottles. These bottles, which she calls [SOAPBOTTLE](#), are made from a traditional piece of soap that's been hollowed out. The interior is lined with a water-insoluble layer, which prevents any liquids contained within it from dissolving the soap. On the top, there is a reusable metal closure to allow you to open the top and pour out your shampoo or shower gel. After a while, you'll just have little remnants of soap left, which she recommends using as hand soap, and it's entirely biodegradable. So unlike plastic, it will not result in any waste. Read more [here](#).

Restaurant Sustainability Tool

Have you tried our new free online [sustainability tool](#) yet? The interactive online tool helps determine a restaurant's level of sustainability in the categories of energy, water, waste, food, chemicals, building, and disposables/reusables. With this information, a restaurant can determine if it would meet any of the 4 levels of becoming a Certified Green Restaurant®. It's a great tool to help a restaurant further its sustainability journey. The whole program takes about 15 minutes. [Click here to begin](#). Check the [Green Restaurant Association Education Portal](#) on our website! Head there to watch exciting sustainability videos and learn important facts about our seven environmental categories: disposables, chemicals, waste, water, energy, food, and building.

New Local Birding Website

A new birding-focused website has been launched by Gerry Rising and Mike Noonan. By using a video format, this new resource introduces the visitor to birding activities in Western New York and Southern Ontario in a way that should be helpful to both beginners and experts. Visit it at www.birdsontheniagarafrontier.org .

Two NOAA Webinar Series to Check Out!

Here are two NOAA webinar series you can sign up to follow. The [NOAA National Marine Sanctuary Webinar series](#) presents scientific and educational expertise, resources, and training in support of ocean and climate literacy in the classroom. The [NOAA One Science Seminar Series](#) presents new science from across NOAA.

Mapping the Course of Climate Change

A new mapping application helps visualize projected climate change by comparing the projected climate of a city with the current climate in alternate locations, helping people to develop an understanding about global warming and its effects. Learn more about the map [here](#) and access the application at <https://fitzlab.shinyapps.io/cityapp/>.

The Foundry Offers Hands-on Classes: Build your own Furnishings

Want a new skill? The Foundry, 298 Northampton St. in Buffalo, offers artisan classes including glass blowing, leatherworking, upholstery and woodworking. To check out the full list of classes, [click here](#).

Waste Scanner to Identify Recyclable Items

A device is under development to scan items and let users know whether their local recycler will accept the item. The simple-to-use, handheld device is intended for use by waste organizations; the goal is to have the waste facility provide the device to each household. The device will help keep recyclable items out of the landfills and the oceans. Almost as bad as misdirected recyclable items are the materials that end up in the recycling bin where they don't belong. These disallowed containers can contaminate other items on the recycling line, causing them to be thrown out. Read more at <https://inhabitat.com/recycling-identifying-device-takes-the-guesswork-out-of-figuring-out-whats-recyclable/>.

Report *Cladophora* on Shorelines

Help us understand and monitor *Cladophora*, a non-harmful green alga, by reporting observations along Lake Erie, Lake Ontario, Niagara River and St. Lawrence River Shorelines. *Cladophora* is a type of stringy (filamentous) algae that grows on rocks, wood, logs, and other hard underwater surfaces in freshwater ecosystems, including the Great Lakes basin. For pictures, visit <http://www.dec.ny.gov/chemical/81962.html>. If you spot this type of stringy algae along New York's Great Lakes shorelines, DEC wants to know. Please use [fillable PDF](#) and e-mail to GLCladophora@dec.ny.gov.

Food Donation and Scrap Laws and Regulations

In partnership with Harvard Food Law & Policy and Center for EcoTechnology, four legal facts sheets have been created to address common legal questions about food donation and food scraps diversion in New York State. These fact sheets should dispel some concerns about liability related to food donations and encourage more businesses to share surplus goods. Food waste is a major environmental issue, so keeping it out of landfills is important. These fact sheets explain both federal and New York State laws and regulations including: [Tax incentives for food donation](#), [Liability protections for food donors](#), [Date labeling requirements for food packaging](#), [Feeding food scraps to animals](#).

DEC Launches Tool to Increase Transparency and Access to Data and Reports

DEC recently launched an interactive map that provides access to DEC documents and public data about New York's environment and outdoor recreation resources. This first-of-its-kind DEC mapping application generates results specific to locations across the state and includes 50 interactive data layers. Several information layers can be active at the same time, allowing users to see the many ways DEC is working to protect and enhance the state's environment and recreational opportunities. You can use the tool to find places to view wildlife, locate areas with fishing rights and find conservation easements. To access the mapping application, visit the [DECinfo Locator web page](#).

Solar-Powered Heritage Carousel Opening Planned for 2020

A solar-powered historic carousel is planned for Canalside in July, 2020 at Canalside. The Buffalo Heritage Carousel, Inc. is currently restoring the 1924 Spillman carousel which features 34 hand carved and painted animals and 3 chariots, with most currently needing restoration. Consider adopting one of the animals or contributing to the efforts of the project as they still need donations to meet their goals. The groundbreaking for the building occurred in October and construction will take place over the next eight months. For info, visit <http://buffaloheritagecarousel.org/>

Guide to Talking about Climate Change with Kids

“Beginning the Climate Conversation: A Family’s Guide” will help you talk to your kids about the climate crisis by providing tips on how to start the conversation, deciding on age-specific information and moving the conversation from dangers to solutions. Download the free guide at [link](#).

Pesticide-treated Seeds May be Responsible for Songbird Decline

A recent study suggested that seeds treated with neonicotinoid pesticides could be behind loss of songbirds. Eating even one or two seeds treated with neonicotinoid pesticides suppresses birds' appetite, causing weight loss that delays migration and potentially contributes to the steep decline in North American songbird populations, researchers reported in *Science*. Though eating a few seeds treated with neonics does not kill birds, it does cause an average loss of 9% to 17% in crucial body fat, and may render them unable breed, the American Bird Conservancy's Steve Holmer says. Read more [here](#)

Reuse Action in Action: Source for Reusable Materials

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

Report any Spotted Lanternflies

Spotted Lanternfly (SLF) infestations have not been detected in New York State, but we need your help to keep an eye out for them! SLF nymphs are small and black with white spots. Just before becoming adults, the nymphs turn red. If you believe you've seen this insect, send photos and location information to spottedlanternfly@dec.ny.gov. More info at <http://www.dec.ny.gov/animals/113303.html>.

Current NY Environmental Bills List

Every week during the New York State Legislative Session, Environmental Advocates of New York reviews all of the bills introduced in legislative committees or on the floor of the State Senate and the Assembly. They then issue a memo that summarizes the legislation and describes our position on measures with significant environmental impact. If you would like to sign up for this listing, you can see the status of New York State legislation and can take action on those that are important to you. <http://eany.org/our-work/bill-ratings>

Family Activity: Can you Reduce your Utility Costs with Trees

Did you know you can reduce heating and cooling costs by strategically planting trees around your home? In this activity you will use **i-Tree Design** – an online tool by the US Forest Service – to determine where to plant trees for maximum energy savings. For instructions to guide you through the activity, visit <https://www.plt.org/family-activity/teaching-with-itree/reduce-your-utility-costs/>.

New Our Farms, Our Future Podcast Series: Voices in Sustainable Agriculture

From coast to coast, a diverse community of farmers, ranchers, scientists and educators is working to shape a sustainable future for our food system. Listen to the new [Our Farms, Our Future podcast series](#) and join this community for intimate conversations about the state of agriculture, how we got here and where we're headed.

Business Membership Program to Encourage Greener Commuting

Go Buffalo Niagara, a Transportation Management Association serving Erie and Niagara Counties, has launched a [business membership program](#) which encourages people to commute without a car. Once a business is signed up, its employees who choose to walk, carpool, bike, or take public transit to work will have access to myriad alternative transportation incentives, such as: discounted transit passes and preferred parking for carpools, guaranteed ride home which provides those who don't drive alone with a free ride home in case of emergencies, discounted memberships to [GObike Buffalo](#) and [Reddy Bikeshare](#) and monthly raffles for commuters who log their commute trips.

Municipality Rebates for Zero-emission Vehicles and Grants for ZEV Infrastructure

The 2019 round of DEC's municipal ZEV program is now open. Full details may be found in the Request for Applications (RFA) at <http://www.dec.ny.gov/energy/109181.html>. A total of \$500,000 will be distributed in this round on a first-come, first-served basis for clean vehicle rebates which include plug-in hybrid, all-electric, and hydrogen fuel cell vehicles. Applications for the Municipal Clean Vehicle Rebate Program on a rolling basis through 4:00 pm on July 24, 2020 or until funding is exhausted, whichever occurs first. A total of \$2,500,000 in grants will be distributed for infrastructure to municipalities that installed (or will install) hydrogen filling station components or electric vehicle supply equipment (EVSE) that is Level 2 or direct current fast charge (DCFC). DEC is accepting applications for the Municipal ZEV Infrastructure Grant Program on a rolling basis through 4:00 pm on May 29, 2020 or until funding is exhausted, whichever occurs first.

Do you Know What Banks Do with Your Money?

Through purchasing, investing and savings, we can provide funding for projects with both positive impact and negative impact. Read a quick [article](#) and consider what good your money is doing.

Round Pizzas or Square Pizzas?

It is easier to make a square box. Do we need a square box around a round pizza? Pizza Hut is exploring more sustainable packaging options which include round pizza boxes made of sustainably harvested fibers that can be composted in industrial facilities. Read more at <https://www.foodandwine.com/news/pizza-hut-round-boxes>

Sumo Seaweed-fiber Diapers Offer Healthy and Sustainable Alternative

Luisa Kahlfeldt has won the Swiss James Dyson award for the design of a new diaper. Her reusable Sumo diapers are made entirely of a fabric called SeaCell, composed of seaweed and eucalyptus. The textile is antibacterial and antioxidant-rich, so it is beneficial for babies' skin. It's also sustainable to harvest and produce, giving it an advantage over the textiles used in most cloth diapers on the market. And since Kahlfeldt has fashioned it into a mono-material design, it is also more easily recycled, with no need to disassemble its components. Read more [here](#)

NYSERDA Farm Energy Audits

NYSERDA offers free energy audits to identify energy efficiency measures for eligible farms and on-farm producers, including but not limited to: dairies, orchards, greenhouses, vegetable growers, vineyards, grain dryers, and poultry/egg. Farms must be customers of a New York State investor-owned utility and contribute to the System Benefits Charge (SBC). Please check your farm's current electricity bills to determine if you pay SBC. Farms can request an energy audit through the Agriculture Energy Audit Program.

Registration Open for the 2020 Western NY Buyer-Grower Conference!

Whether you're a farmer curious about selling to restaurants and institutional markets or a buyer that wants to source more New York State products, this event is for you! The WNY Buyer-Grower Conference will be held **January 13, 2020** at The Foundry Suites, The Foundry Suites, 1738 Elmwood Avenue, Buffalo, NY 14207. Join co-hosts Field & Fork Network and Cornell Harvest NY for a day filled with business-to-business networking, knowledge sharing, access to financial resources, and building overall awareness of the regional food and ag industries. We are offering producers the opportunity to showcase and/or sell products at the event. [register](#) If you are interested in sponsorship opportunities which includes tickets and tabling at the event, please contact Lisa French at lfrench@fieldandforknetwork.com.

Personal Plastics Calculator

Environmental footprint calculators have been used for a number of years as a measure of personal impact. Now there is a calculator that allows you to assess your plastic usage in a week or year. While we may not have substitutes for all of the items, the first step in reduction is awareness. Check out the calculator at [plastic footprint](#).

Indoor Solar Cells Designed

Swedish and Chinese scientists have developed organic solar cells that can convert ambient indoor light to electricity. While they won't generate lots of power, it should provide enough energy for many of our devices. As the internet of things expands, it is expected that we will need to have millions of products online, both in public spaces and in homes. Many of these will be the multitude of sensors to detect and measure moisture, particle concentrations, temperature and other parameters. For this reason, the demand for small and cheap sources of renewable energy is increasing rapidly, in order to reduce the need for frequent and expensive battery replacements. Organic solar cells are flexible and cheap to manufacture and their light-absorbing layer gives considerable flexibility in tuning the solar cells such that they are optimized for different light wavelengths. For more info, www.sciencedaily.com/releases/2019/09/190916101900.htm

Your Guide to Farmer Grants in the Northeast

Farm Credit East compiled a comprehensive report of farming grants offered in the northeast. The report is organized by first listing federal/regional grants, and then by state. However, federal resources are applicable to all farmers. Review [here](#).

State of the Climate 2018

The latest international, authoritative climate report, *State of the Climate 2018*, states that last year was the fourth warmest year on record. Several climate change markers such as sea level and greenhouse gas concentrations in the atmosphere once again broke records set just one year prior. The annual supplement to the *Bulletin of the AMS* is compiled by NOAA's National Centers for Environmental Information and is based on contributions from 475 authors in 57 countries around the world. [Download the most recent report or those published in prior years here.](#)

Canalway Water Trail Guidebook and Navigational Maps Available

The *New York State Canalway Water Trail Guidebook and Navigational Map Set*, which includes a set of four water and tear resistant maps will become an indispensable resource for paddlers to experience the Erie Canal waterway. The mile-by-mile guide includes launch sites, paddler-friendly facilities and amenities, and places of interest for over 450 miles of the NYS Canal System, including the Erie, Cayuga-Seneca, Oswego and Champlain canals. The NYS Canal System is a premier destination for paddlers, offering hundreds of miles of continuous waterway through canals, rivers, and lakes. The water trail welcomes paddlers of all abilities to explore this scenic and recreational waterway. For more info and to download or order a free copy of the guidebook, visit: www.eriecanalway.org/watertrail.

Meat and Produce Donations Welcome by Hawk Creek

Hawk Creek Wildlife Center accepts meat and organic produce donations for their animals. Consider donating your game meat, bones and organic animals. For more information, contact tiffany@hawkcreek.org or call 716-652-8646. Donations are tax-deductible.

New Resources Available to Reduce Hazardous Waste & Save Money

DEC has developed a resource guide for hazardous waste generators to reduce waste and save money. Resources include archived webinars presented by the New York State Pollution Prevention Institute (NYSP2I) on topics such as How Your Facility Can Reduce Hazardous Waste and Save Money and Best Practices for Sustainable Manufacturing.

<http://www.dec.ny.gov/chemical/110901.html>

Encouraging Customers to Bring their Bags: Try Embarrassment

Some retailers have new techniques to encourage people to remember their bags. Only problem—the bags were meant to embarrass and have become popular. Check them out at [funnybags](http://funnybags.com).

View DEC's "On the Front Lines" Video: Peregrine Falcon Banding

Each spring and summer, DEC staff monitor peregrine falcons across New York State. Peregrines are endangered in New York State, although thanks to conservation efforts, their populations are growing. They nest on bridges and tall buildings in many New York cities. Join DEC biologist Connie Adams as she bands two nestling peregrine falcons at an urban nest in Buffalo—[watch a four-minute video](#) to learn more about peregrines in New York.

Birds Tell Us it is Time to Take Action on Climate Change

If an ecosystem is broken for birds, it is impacting us too. Audubon Society has released their [Survival by Degrees: 389 Bird Species on the Brink](#), which is a ground-breaking report that forecasts the impact that climate change will have on North American birds.

Juice Bar Makes its Cups from Peels

International design firm Carlo Ratti Associati has developed an experimental circular juice bar that uses orange peels to make deliciously fresh-squeezed juice but that's not all. Using filament made from the leftover orange peels, the "Feel the Peel" machine then 3D prints disposable cups to drink the refreshing juice on the spot. For photos and video, visit <https://inhabitat.com/innovative-orange-juicer-3d-prints-bioplastic-cups-out-of-leftover-orange-peels/>

Save and Share Seeds for Conservation

When you save, grow, and share rare seeds you are helping to build a more secure food future. Visit <https://www.globalseednetwork.org/> to learn to successfully collect, save, and store seeds. You can preserve plant diversity and protect our public food system from corporate consolidation by saving, posting, and sharing seeds with a global community of farmers and gardeners.

USDA Opens Signup for Regional Conservation Partnership Program

USDA is investing up to \$300 million to help support the adoption of innovative conservation approaches on agricultural lands. Eligible organizations interested in partnering with NRCS can apply for conservation projects including a range of on-the-ground conservation activities implemented by farmers, ranchers and forest landowners. [Learn more and apply](#) by December 3.

Reduce Your School's Food Waste with New Toolkit

In celebration of Earth Day, The Center for Green schools released the *Sharing the Table: A Roadmap to Reducing and Recovering Surplus Food in Schools*, a toolkit to help school stakeholders create and implement programs to reduce and recover surplus food. **[Download the toolkit today.](#)** The creation of this Roadmap seeks to lower the barriers for school districts interested in reducing and recovering their surplus food in the hope of strengthening connections to their community and seeing a dramatic reduction of food waste.

Online Database for Funding Sustainable Materials Management

The Syracuse University Center for Sustainable Community Solutions (SU-CSCS) is excited to announce the recent launch of an online database for grants, low interest loans, and other funding opportunities to support sustainable materials management (SMM) initiatives and activities across NY. Switching to an online platform will aid users in locating funding more quickly and easily, as well as enable SU-CSCS to update the resource on a more consistent basis. Learn more about how to access funding resources [here](#).

Green Schools Digest-Free e-book

In this e-book you'll learn some of the leading sustainability strategies being employed by education facilities across the United States. From daylighting to onsite power generation to green cleaning, you'll glean new ways to make your school or university leaner, greener, and more attractive to environmentally-minded students and faculty, as well as your community. To download, visit https://eb.informabi.com/Green-Schools-Digest?code=UM_Email091318ACTIVE

School Energy Benchmarking Services

The Pre-kindergarten through Grade 12 (P-12) Schools Initiative - Benchmarking Program is available to provide up to three years of free energy benchmarking services to eligible schools. Benchmarking is a mechanism to measure, track and assess a building's utility, greenhouse gas, cost and energy metrics over time or comparatively to other similar buildings. Benchmarking will help schools better understand their energy use, identify inefficiencies, maximize energy performance, and support financial planning and budgeting. To submit an application, schools are required to meet general eligibility requirements. For more information about the Benchmarking Program and upcoming webinars, visit nysesda.ny.gov/All-Programs/Programs/P-12-Benchmarking-Program.

Watch the NOAA TRASH TALK Webinar for Educators

In addition to the special feature video, this webinar provides fun activities that you can organize after the film! It's a perfect event for museums, zoos, aquariums, learning centers and schools. Find the [archived webinar and activities here](#)

Teacher's Resources

[Climate of Change: Interactions and Feedbacks of Water, Air and Ice](#)-This module has a **positive focus on adaptations to climate change**. Activities provide students opportunities to think locally, regionally, and globally. They drive thinking about climate change and social vulnerability. This leads to better informed citizens, empowered to make more responsible decisions.

[Living Landscapes – Culture, Climate Science and Education](#) is a diverse collection of online resources and instructional materials for high school and college. What makes it unique is the perspective of native nations that is woven throughout and the blend of traditional indigenous knowledge and current climate science research that permeates the materials.

[H2O for Life](#) provides a service-learning opportunity for schools in the United States that helps teachers and students raise awareness about the [global water crisis](#) while taking action to provide funds for a water, sanitation, and hygiene education project for a partner school in the developing world.

[Reading Guide to Support Climate Education](#) will help you bring climate change books to your English/Language Arts classes, book clubs, science classes, and beyond. Climate change fiction and non-fiction books are included, along with book summaries, reading levels, discussion questions, and relevant news articles to bring the content to life.

[Energize Colleges Free Curriculum Resources](#)- A program of Strategic Energy Innovations, Energize Colleges is an energy education program that offers free curricula that advance energy and sustainability education and workforce development through experiential learning.

[Plastic pollution and Cleanup](#)- This guide has been specifically designed to help anyone plan and host a successful and impactful cleanup event. Whether you are a youth or an adult, if you live near a beach, river, or lake, everyone has the ability to make a change. Every ounce of single use plastic prevention helps; even removing one piece of plastic from the ocean could save the life of an animal.

[E-STEM activity with Bird Nests](#)-summary of an activity learning about bird nests and building them with different materials.

[Water Scarcity and Perseverance: A Humanities Module](#)— co-produced with Lowell School! It is geared for students in grade 6-8.

[NOAA's Data in the Classroom](#)- students use real-time ocean data to explore today's most pressing environmental issues, and develop problem-solving skills employed by scientists. Access online and classroom-ready curriculum activities with a scaled approach to learning and easy-to-use data exploration tools.

[Climate Education Week](#): This Toolkit is a web-based, cross-disciplinary resource that includes a range of lesson plans and educational activities focused on the issue of Biodiversity. Teachers can utilize any or all activities from this Toolkit during Climate Education Week or anytime during the academic year!

[Animal Migration](#)- This activity guide is full of fun ways to learn about animal migrations in the US. Designed for elementary age kids, it can be used in a classroom as a worksheet or at home for some easy activity ideas.

[Racing Extinction](#)-Curriculum on endangered species.

[Y-PLAN](#) (Youth – Plan, Learn, Act, Now) is a unique, award-winning educational strategy that empowers young people to tackle real-world problems in their communities through project-based civic learning experiences. If you're an educator or civic leader outside of where we are currently working, we provide a free toolkit to do a "Do-It-Yourself" Y-PLAN.

[The Wild Classroom](#) curriculum from World Wildlife Fund (WWF) explores global environmental issues for a better future by building off the inherent concern for animals that humans possess. Each lesson in the curriculum teaches students an essential conservation concept through a fun and captivating activity linked to a particular wild animal.

[Communicating Climate Change](#) is a free resource to help educators engage with individuals on climate change.

[Invasive Species Curriculum](#) released by DEC and partners for middle school students (grades 6-8) is aligned to the New York State P-12 Learning Standards. The two-week curriculum was designed to have students gain a better understanding of invasive species and their impacts through research and hands-on projects.

[STEM Teaching tools](#)-free tools from site maintained by US government.

[Free Water Curriculum by UgMO](#)- water conservation curriculum for K-12 students and sponsors the students implementing those initiatives. Available to any interested student, class, club or school who wants to explore water conservation at their school.

[An Incredible Journey](#) children's book introduces elementary schoolers to the salmon life cycle and concepts such as ecosystems, keystone species, salmon culture, and stewardship. The book concludes with six case studies about kids who are making a difference on salmon-related issues.

[World Climate Simulation](#) is a NSF-funded, research-based program gives educators a way to provide learners with an enjoyable meaningful experience and to make a difference in the real world.

[Orangutan Gang](#)-Lesson includes an introductory video, PowerPoint presentation, discussion, informative article and corresponding short-answer questions, and homework including online research and an activity with the goal of helping students realize just how much palm oil they use in their everyday lives.

[New GPS-STEM Lessons](#)-Engage formal and informal students in real-world applications of STEM concepts inspired by GPS.

[Soil Story Curriculum](#)-Kiss the Ground's middle school curriculum aims to foster a deeper understanding of the vital role soil plays for the planet and to inspire a new generation of people to better engage with the environment and their communities.

[The Blossoms, the Birds and the Bees: a pollination investigation for Pre-K - Grade 2](#)-This playful lesson plan includes three hands-on activities designed to grow young learners' understanding of the relationships between plants and pollinators, and spark their interest in these important living things. Students will play a matching game to discover why hummingbirds, bees, and butterflies choose the flowers they do, "fly" pollinators around the classroom in search of nectar, and use their senses to explore diversity in nature. This lesson plan is made to be adapted, and includes suggestions for extensions and additions to fit the needs of every classroom.

[Animals and Plants Can Live in a City](#) for Grades K-2. Students learn that animals need air, food, water, and shelter, while plants need air, sunlight, and water. Students watch videos and engage with drawing and sorting activities to reinforce their learning.

[How Disruptions Affect Animal Populations](#) for Grades 6-9. Students explore the effects that ecosystem disruptions can have on animal populations and the impacts that a shift in the population of one animal can have on others in an ecosystem.

[Deciding Your City's Energy Future](#) for Grades 9-12. Students watch videos adapted from NOVA: Treasures of the Earth: Power and analyze data provided in graphs and maps concerning the availability, cost, reliability, and environmental impact of different energy sources.

[The Frogs of Panama](#)- Engage students in authentic science research or explore biodiversity and conservation issues in the classroom with outreach materials developed by scientists/educators studying frogs at the Smithsonian Tropical Research Institute in Panama.

[Climate Change Timeline](#) describe early science leading up to the discovery of climate change.

[Climate Change Interactives](#) allows users to enter their location and see some of the direct local effects likely with climate change.

[Educator's Guide to Marine Debris](#)- also available in Spanish, easy-to-use guide is designed to provide maximum flexibility for educators in both formal and informal settings.

[Educational apps for Middle and High School Students](#)

[Education apps for Elementary Students](#)

[DEC's I Fish NY Program's K-12 lesson plans about fishing, including specific ones for outside the classroom](#)

[DEC's Environmental Education K-12 lesson plans](#)

[Educational Resources on Black Bears](#) contains 29 lessons for students in kindergarten through 8th grade. The self-contained computer program is full of puzzles, computer games, special bear movies, quizzes, and interactive learning activities.

[The Northern Forest Atlas](#) is a free, online resource cataloging the plant diversity of the Northern Forest (NY, ME, NH, VT, MI, MN, MA). Includes stunning photos, charts, and videos.

[Five Gyres Curriculum](#) -Next Generation Science Standards (NGSS) Educational Curriculum, piloting on Lonely Whale's Catch the Wave platform.

[LearnHowToBecome.org](#) is a comprehensive website for students and other young professionals to find and explore resources related to a variety of careers. It includes sections on career types and paths, colleges, online education, and a resource center.

[KoiKiwi](#) is an educational website with fun environmentally friendly games. Play puzzle games, action games, shooting games (shooting GHG molecules for instance!), rubbish cleaning games, recycling games and others.

[Using Environmental Issues Forums \(EIF\) to Enhance Deliberation: Case Studies](#)-This publication documents, through a series of case studies how educators have developed locally relevant EIF materials, reflect on their experiences holding forums for a variety of audiences, and report assessment results.

[EPA Activity Book for Elementary Age Students](#)-How do you describe to students what the EPA does? This newest activity book for elementary age students to help introduce them to EPA. Kids can learn about the different ways the EPA works to protect our environment and our health. It's a simple, straightforward guide suitable for children of all ages.

[Botany Primer: Understanding Botany for Nature's Notebook](#)- designed to help observers make reliable plant observations for submission to the Nature's Notebook citizen and professional science program. It covers basic botany, phenology vocabulary and the USA-NPN's plant phenophases. It is also very appropriate for those interested in simply learning more about botanical terms and concepts, separate from participation in Nature's Notebook.

[Solar Ovens & Design Critiques](#)-In this unit, students design, build, and test solar ovens.

[Conservation Connect](#) is a web-based video series produced by the U.S. Fish and Wildlife Service, National Conservation Training Center (NCTC). Our goal is to connect a new generation of conservationists, ages 8-16, with the great outdoors, wildlife species, and conservation careers. Conservation Connect is available to youth groups, schools, homeschoolers, nature centers, and other educational programs throughout the country, free of charge.

[Humpback whale activity books](#)- Learn about whales and their migration.

[How can teachers get students to learn science from each other](#)-By communicating science, students can reinforce and help others learn.

[Sky, Water, Earth: self-paced online science activities for youth](#)- collection of free, online, self-paced activities that are designed for youth between the ages of 16-22 who are interested in the field of science.

[High School Teacher's Guide for Climate Choices: How should we meet the challenges of a warming planet?](#)

[Middle School Teacher's Guide for Climate Choices : How should we meet the challenges of a warming planet?](#)

[Project GRACE](#)- To prepare youth in economically disadvantaged communities for the prospect of careers in science, technology, engineering, or mathematics (STEM) through Geographic Information Systems (GIS).

Contests and Awards

[Toshiba/NSTA ExploraVision science competition](#) encourages K-12 students to imagine what technology might be like in the future while experiencing scientific process and discovery in an engaging, hands-on way. Let's empower the next generation of inventors, scientists and leaders. It's not too late to register your teams! Deadline: **February 10**.

[2020 Ocean Awareness Contest](#) -Students (11 to 18) are invited to create visual art (any medium), poetry, prose, music, film, or interactive and multimedia that explores the climate crisis, its impact on oceans, and the role of hope in creating transformation at local, national, or global scales. Students can submit as individuals or as a class, group, or club. Free to enter. Deadline: **June 15, 2020**.

Grant and Scholarship Opportunities

[Annie's Grants for Gardens](#) - provided to K-12 school gardens to help children start thinking more holistically about their food, their communities, and the planet. Grants of \$3,000 may be used to purchase any supplies for an edible garden. Deadline: **November 1**.

[FY 2019 HUD Choice Neighborhoods Implementation Grant Program](#)- helps communities transform neighborhoods by redeveloping severely distressed public and/or HUD-assisted housing and catalyzing critical improvements in the neighborhood, including vacant property, housing, businesses, services and schools. Deadline: **November 4, 2019**.

[NOAA Marine Debris Grant Program](#)-Funding is available through the National Oceanic and Atmospheric (NOAA) Marine Debris Program to prevent the introduction of marine debris into the marine and coastal environment (including the Great Lakes). Letters of intent are requested by **November 5, 2019**.

[Green Schools Grant](#)- NYSAR³ established a grant program for public, private, and charter schools Grades K-12 in 2005 for the purpose of providing seed, or start-up money for recycling/waste reduction programs in public and private schools. This grant provides up to \$500 per school to rejuvenate existing programs or to develop new programs centered around the 3 R's (reduce, reuse, recycle). Awards will be made twice yearly; this is a competitive grant so imagination, ingenuity and initiative are valued. Deadline: **November 8**.

[New York Farm Viability Institute Grant](#)- This grant supports projects with clear relevance to New York's agriculture community, demonstrated producer support, and the ability to deliver farm-level economic impact over time. There is a particular interest in projects focused on new technologies, and soil-health management practices. Deadline: **November 12**.

[2020 Build it with KaBOOM! Playground Grants](#)-Build it with KaBOOM! Grants pair you with a dedicated funding partner to plan and build a brand-new playground. Along with extra support for your application, Deadline: **November 15**.

[United Fresh Start Foundation Community Innovation Grants Program](#) increases children's access, selection, and consumption of fresh produce while they are outside of school. A total of \$50,000 will be awarded to a minimum of five projects. Eligible applicants include not-for-profit organizations, schools, universities, small businesses, and others. Deadline: **December 1, 2019**.

[Northeast SARE Farmer Grants](#)-Northeast Sustainable Agriculture Research & Education (SARE) is accepting applications for grants for commercial producers who have an innovative idea they want to test using a field trial, on-farm demonstration, marketing initiative, or other technique. Projects should seek results other farmers can use, and all projects must have the potential to add to knowledge about effective sustainable practices. Deadline: **December 3, 2019**.

[Urban Forestry Projects](#)-Grants are available for tree planting, maintenance, tree inventory, community forest management plans and for educating those who care for public trees. Eligible applicants include municipalities, public benefit corporations, public authorities, soil and water conservation districts, community colleges, not-for-profit organizations and Indian nations or tribes. Tree inventories and community forest management plans require no match. Tree planting, maintenance and education projects have a 25 percent match requirement. Not-for-profit applicants are required to pre-qualify in the Grants Gateway system, so DEC recommends that applicants start the process well in advance of the grant application due date. Deadline: **December 4, 2019 at 2 p.m.**

[Asphalt Art Grants for Cities](#)- Cities with populations between 30,000 and 500,000 are welcome to apply. Only one application per city will be accepted. Each application's Project Team must include Lead Applicant: City agency responsible for advancing necessary permitting and oversight of the site and installation (e.g., Department of Transportation, Department of Public Works, or other appropriate agency) and Fiscal Agent: An organization with 501(c)3 nonprofit status that can receive the grant funds and be responsible for managing the distribution and procurement required. Deadline: **December 12.**

[2020 Farm to School Grant Program Request for Applications \(RFA\)](#). Farm to school programs support local communities through a variety of activities, including taste tests, farm visits, local purchasing, food and agriculture education, and farmer and producer training. A wide variety of entities are eligible to compete for funding through this grant opportunity. Schools and school districts, local agencies, Indian tribal organizations, small- to medium-sized agricultural producers or groups of small- to medium-sized agricultural producers, and non-profit organizations are eligible to apply for Planning and Implementation grants. State agencies may apply for a State Agency grant. Deadline: **December 13, 2019.**

[Kids Gardening Youth Garden Grants](#) - The Youth Garden Grant supports school and youth educational garden projects that enhance the quality of life for students and their communities. 5 programs will receive awards valued at \$2360 and 20 programs will receive award valued at \$775. Deadline: **December 16**

[Margaret A. Davidson Graduate Fellowship](#)- new fellowship program for graduate students at the national estuarine research reserves. One two-year fellowship opportunity will be available at each of the 29 coastal sites. Through a research project, fellows will address a key coastal management question to help scientists and communities understand coastal challenges that may influence future policy and management. Deadline: **December 20.**

[Regional Farm to School Institute Grant Request for Applications \(RFA\)](#). This new grant focus for fiscal year 2020 will support the creation and dissemination of information on farm to school program development, and provide practitioner education and training, and ongoing school year coaching and technical assistance. Deadline: **December 27, 2019.**

[Katie's Krops Growers Grants](#) - Kids 9-16 can apply today to become a Katie's Krops Grower and help end hunger in their community. Grantees receive funding to start their garden in the form of a gift card to a garden supply store in their community and tons of planning resources. Deadline: **December 27**

[2020 Environmental Education Grants Program](#)- will award three to four grants in each of the agency's 10 regions. In addition to other environmental topics, the 2020 Environmental Education Grants Program will fund education-based projects pertaining to marine debris mitigation, food waste and loss reduction, and recycling. Funded projects will both increase public awareness on various environmental matters and enhance participants' abilities to make informed decisions on environmental issues prospectively. Deadline: **Jan. 6, 2020**

[John A. Knauss Marine Policy Fellowship Program](#)-The Sea Grant Knauss Fellowship provides a unique educational and professional experience to graduate students who have an interest in ocean, coastal and Great Lakes resources and in the national policy decisions affecting those resources. The Fellowship, named after one of Sea Grant's founders and former NOAA Administrator John A. Knauss, matches highly qualified graduate students with "hosts" in the legislative and executive branch of government located in the Washington, D.C. area, for a one year paid fellowship. Deadline: **February 21, 2020.**

[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 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.**

[Residential Curbside Recycling Cart Grant Program Request For Proposals](#)- The purpose of the Residential Curbside Recycling Cart Grant Program is to advance recycling in communities across the United States by offering financial and technical assistance to support the implementation of cartbased curbside recycling. With the release of this Request For Proposals (RFP), The Partnership offers communities the chance to apply for grant funding to support the acquisition of recycling carts, with the goal of expanding access to cart based recycling collection by converting bin or bag-based curbside recycling collection programs to cart-based collection, or by supporting the implementation of new curbside recycling programs using cart-based collection. **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**

[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.**

[Food Waste Grants](#) - The New York State [Pollution Prevention Institute](#) (P2I) will operate the funding program, which will provide reimbursement to businesses that generate over one ton of food waste per week to offset the cost of select technologies and equipment that promise to reduce or divert that food waste from landfill or incineration. Eligible projects must reduce and/or divert wasted food at a New York State business including, but not limited to, supermarkets, restaurants, and hospitals. Monies from this program will help food scrap generators implement food waste reduction recommendations, purchase capital equipment used in food donation, and create, improve, and expand diversion efforts to on and off-site compost and anaerobic digestion facilities. **Deadline: Rolling.**

[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).

[Project Produce: Fruit and Veggie Grants for Schools](#)-designed to help increase kids' access to fresh fruits and vegetables and create experiential nutrition education when and where students make their food choices: in the cafeteria. The \$2,500 one-year grants support food costs to incorporate school-wide fruit and vegetable tastings into the school's nutrition program. Grants will be determined on an ongoing basis depending on available funding.

[Industrial Hemp Processing Grant Fund](#)-New York has also allocated up to \$5 million for grants for machinery and equipment required to process industrial hemp for commercialization. Grants may provide a minimum of \$50,000 and a maximum of \$500,000 for up to 50% of total project costs supporting capital investments. To be eligible, the facility must be located wholly in New York State which processes industrial hemp for commercialization.

[Toyota Every Day Capacity Building Grants](#)- Up to \$5000 for 25 Public Lands Friends' groups in each cycle. Projects that are needed and will help contribute to the long- term sustainability of the organization. **Deadlines: April 23 and other dates later in the year.**

[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.**

[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.**

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

[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. We maximize our effectiveness by providing grants for the purchase and restoration of land that connects existing habitat fragments, or that prevents isolation of habitat that would otherwise continue due to habitat loss. **Deadline: Rolling.**

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

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

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

[Everyday Young Hero Award](#)-Everyday Young Heroes are 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.

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

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

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

[Niagara Falls National Heritage Area](#) supports important projects and programs throughout the National Heritage Area with the long- term goal of realizing community betterment. Grants are targeted to fund projects or programs that directly relate to the [Niagara Falls National Heritage Area Management Plan](#).

[World We Want Foundation](#) is accepting applications from organizations that represent youth making positive social change in their communities and around the world. Grants of up to \$5,000 will be awarded to youth between the ages of 13 and 25 who want to make a difference. 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. Take the [Eligibility Quiz](#) to see if you can apply.

[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.

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

[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.**

[Disney Conservation Fund: Rapid Response Grants](#)—Nonprofits and academic institutions located in the US. Projects which help animals during emergencies and natural disasters through its Rapid Response Fund. Deadline: **Rolling.**

[Patagonia Environmental Grants](#)- We are most interested in making grants to organizations that identify and work on the root causes of problems and that approach issues with a commitment to long-term change. Because we believe that the most direct path to real change is through building grassroots momentum, our funding focuses on organizations that create a strong base of citizen support. Deadlines: **April 30 and August 31.**

Employment and Internship Opportunities

[Exhibit Technician](#)-Buffalo Museum of Science

[Facilitator of Learning, Early Childhood Focus](#)-Buffalo Museum of Science

[Facilitator of Learning, Adolescent Education Focus](#)-Buffalo Museum of Science

[Student Conservation Association, Allegany State Park](#)- temporary Environmental Interpreter based out of Allegany State Park. This position will continue the development of interpretive programs for Lake Erie State Park and Long Point State Park on Chautauqua Lake that will include messaging related to water quality issues, invasive species, wildlife, etc.

[Student Conservation Association, Tiff Nature Preserve](#)- temporary Stewardship Technician. This position includes invasive species management, native seed and plant care, vegetation and wildlife surveys, infrastructural maintenance, and some volunteer management.

[Buffalo Community Organizer](#) -Mothers Out Front believes in the power of women taking collective action and seeks a talented and passionate organizer located in the Buffalo area to join our team and help build a diverse and powerful movement of mothers, grandmothers, and caregivers stepping up in big ways to take action on climate change. As the Buffalo Community Organizer, you will work to build community teams who carry out effective local campaigns that move decision makers to make child-centered climate decisions. You will help us focus resources particularly in those communities who suffer the injustices of climate change and fossil fuel use today and have been historically marginalized.

[SNAP-Ed Nutritionist: Niagara Falls, NY](#) (Part-time)-Cornell Cooperative Extension of Niagara County has an opening for a part-time, SNAP-Ed Nutritionist based out of the Niagara Falls, NY office. The Supplemental Nutrition Assistance Program Nutrition Education and Obesity Prevention (SNAP) Nutritionist will primarily be responsible for delivery of established SNAP public education programming to improve healthy food and lifestyle choices among families and individuals encompassing all age groups. Deadline: **November 18**.

[Part-time job: Office manager for the League of Women Voters of Buffalo Niagara](#)-Here's a chance for you (or someone you know) to help advance the important local efforts of America's premier nonpartisan grass-roots political organization! The League is seeking a self-starter with good interpersonal and communication skills, plus the ability to multitask and work independently. Deadline: **Monday, November 4**.

[Restoration Project Manager](#)-WNY Land Conservancy, primary responsibility will be to serve as project manager for the Restore the Gorge project. The Restoration Project Manager will also develop, oversee, and / or assist with additional new habitat restoration projects. This position will help achieve the conservation goals in the Land Conservancy's five-year strategic plan. Deadline: **November 22**.

Buffalo Niagara Waterkeeper seeking new, talented and passionate individuals who care about our environment to join our dedicated team. If you would like a career that makes a real difference in the Great Lakes community with a highly respected organization that offers a variety of opportunities for professional development, career advancement, flexible schedules and working locations, and exciting, innovative and impactful work, all while earning competitive wages and benefits, then consider applying to join our team. [SEND US YOUR RESUME](#)

[Association Executive Director](#)- The Executive Director is expected to be an effective leader, helping to develop and project a compelling and contemporary vision for extension programming to stakeholders, both internal and external. The Executive Director must be engaged with decision makers both locally and at Cornell in order to be effective.

[Development Communications Manager with Open Buffalo](#)-The key purpose of this position is to be the creative engineer of resonant language that makes people want to be connected to Open Buffalo. This position guides communication for fundraising, program participation, and volunteerism. Knowledge and experience of audience segmentation and understanding the different communications mechanisms that these populations use to receive and retain information are essential. A commitment to social change and personal and professional alignment with our mission are essential. This is a full-time, salaried position with benefits based in Buffalo, N.Y., reporting to the Executive Director. Accepted until review completed.

[PUSH Blue Enterprise Manager](#)-oversees the development of PUSH Blue's expanding green infrastructure, stormwater management, and sustainable landscaping social justice enterprise business. The EM will be responsible for overseeing existing stormwater management projects, creation of educational material surrounding best practices, and development of new lines of business.

[Part-time Executive Director](#)-Pfeiffer Nature Center, Portville.

[Americorps Vista](#)-Serve Buffalo community for one year, earn living allowance, limited health benefits and educational award. Email jdahir@city-buffalo.com for info.

[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.

[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.

[ASHA Animal Sanctuary Internships](#)- Seeking individuals for administrative, development, visitor programs and animal care positions.

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

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

Citizen Science

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

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

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

[Other Citizen Science Programs](#)

Upcoming Community Activities:

Friday, November 1

Buffalo Geological Society- 7:00pm at the Heritage Discovery Center, 100 Lee Street, Buffalo, NY 14210. Check <https://bgsny.org/> for info. "Partial melting in root of mountain belt: an example of anatectic eclogites from western Grenville Province", presented by Wentao Cao, Assistant Professor in Geology at SUNY Fredonia.

Saturday, November 2

Horticulture 2-11am-1pm at Botanical Gardens. Garden Members \$108/series, \$18/class, General Public \$138/series, \$23/class. Refresh your gardening skills, learn new concepts and ideas, and explore the botanical world with classes designed and led by David R. Clark, Horticulturist & CNLP. Great for beginners or gardeners wishing to brush up on their skills. Perfect for gifts, or share the experience with friends! Those who complete each series will be presented with a certificate upon completion. [Register](#). Topic: Soil Science.

Beeswax Wrap Workshop-Thoughtful, hand-crafted simplicity was a guiding principle of the Arts & Crafts Movement. We'll employ this philosophy with a hands-on workshop where you'll make your own food-safe, fabric-based beeswax wraps to take home. Reduce the use of plastic and disposable items in your life! Cost: \$35 [Register](#). 9:30am to 12:30pm, Roycroft Campus, 31 S Grove St , East Aurora.

WNY Hosta Society Breakfast- 10 a.m. at the Forestview Restaurant, 4781 Tranist Rd., Depew. You must RSVP before 5 p.m. Friday, Nov. 1 so that they can tell the restaurant how many people to expect. RSVP at (716) 941-6167 or H8staman@aol.com The is a social get-together. You pay for your own breakfast. Attendees are ask to bring to the table something that they can pass around and talk about. It can be a plant, seedling, catalog, magazine, book, favorite garden tool, new deer repellent or anything to get folks talking.

Sanctuary Stroll-10am. Curious about what's in the sanctuary portion of Reinstein Woods? Take a guided tour to find out! For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

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

Fall Harvest Dinner-5:00pm-8:30pm at The Park School of Buffalo, 4625 Harlem Rd. Snyder, NY
Earth Spirit is teaming up with [The Park School of Buffalo](#) for a unique, fun evening fundraising event. We will be raising funds for a year-long environmental curriculum for the 4th grade classes of two Inner City Partner Schools that will be utilizing The Park School campus and facilities for their programming. Festivities begin at 5pm with appetizers in the new Knopp-Hailpern Science Center on The Park School Campus. Here you will have an opportunity to meet some of the local farmers who will be providing the ingredients for our delicious vegan feast. Learn more about the Earth Spirit Excursion to Yellowstone that will be raffled off that evening, as well as silent auction items that will include private group hikes with Earth Spirit and other exclusive experiences. A buffet style dinner will be served in The Park School Dining Hall with some special treats for all participants. *Pre-registration is required for this event. No walk-ins will be allowed.* <https://earthspiritedu.org/events/>

Legends of Murder Creek- Akron Falls Park | 4 Parkview Drive, Akron, NY 14001 | 10:00 AM | Brooklyn Area
Join Ranger Roy and take a hike through Akron Falls Park while learning about the various events and legends leading to the naming of "Murder Creek". Please where weather appropriate clothing and footwear so as to be able to enjoy an approximate 1.5 mile hike. Space is limited to 25 participants so pre-registration is required [Pre-registration](#)

Legends of Murder Creek- Akron Falls Park | 4 Parkview Drive, Akron, NY 14001 | 1:00 PM| Brooklyn Area
Join Ranger Roy and take a hike through Akron Falls Park while learning about the various events and legends leading to the naming of "Murder Creek". Please where weather appropriate clothing and footwear so as to be able to enjoy an approximate 1.5 mile hike. Space is limited to 25 participants and pre-registration is required. [Pre-registration](#)

Feminist Bird Club along the Riverwalk-A fun, bird-watching club for feminists of all gender identities. The leisurely walk will include a discussion on winter waterfowl. Meet at Black Rock Canal Park. 9-11am. Pre-registration required-585-457-3228.

What Can I do to Help Birds?-1 to 2:30pm. Join Naturalist Tom Kerr at Beaver Meadow for a discussion of ways that you can change your daily life to help birds. \$5. Pre-registration at 585-457-3228.

Open Buffalo Free Community Party- from 5-8pm at Landmark, 318 Pearl St., Buffalo. Music provided by DJ Yasmin Young from Power 93.7 WBLK. Free food and giveaways. Alcohol-free and safe environment for ages 16 and above. This is an event organized and led by young people, but all are welcome. Purge costumes are welcomed but not required. [Find more info about this event here.](#)

Crop Rotation and Next Year's Garden- 11:30 a.m. at the [Massachusetts Avenue Project](#) (MAP), 387 Massachusetts Ave., Buffalo. You will learn what to do in your garden, month by month, to successfully grow your own produce. From small container gardens to larger backyards, This class is catered to you and the group of beginning gardeners who will join you in learning how to grow your own produce. [Register here](#) per class.

Sunday, November 3

Sunday Morning Hike-Location: Akron Falls | 44 Parkview Drive, Akron, NY 14001 | 10:00 AM. Join a Park Ranger on Sunday mornings for guided vigorous hike through one of our many parks. Each week we will visit a different County Park to explore the trails and see what we can find. Please dress appropriately for the weather, and bring water. Meet in the Brooklyn area.

Brakes 101-Just when you thought brakes were out, we're bring stopping back! Learn how to install and adjust all manner of rim brakes, including V-brakes, Cantilever and Caliper. We'll cover pads, braking surface, cable tension and all manner of stopping stuff. All classes are held at the GObike Community Workshop (98 Colvin Ave) from 5:30pm-7:30pm. Cost for classes is \$10 plus any needed supplies & most classes are limited to 10. Please RSVP to adam@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

1st Sunday Franciscan Reflective Walk-10:45am - 11:30am Delaware Park, Meet at Marcy Casino, Delaware Park. Free. Led by: Dennis Galucki, Founder, C-SAAHN & 'IMAGINE' Series and Philip Haberstro, Ex.Dir., Wellness institute of Greater Buffalo.

Trek Tiff- 2 to 3:30pm. \$2 donation per person is appreciated* | All Ages. Drop in on Sunday afternoons and join us for a casual volunteer-led tour of the Preserve. *Please call 716.825.6397 to confirm walk taking place.*

Riverside Salem Environmental Cottage- 4:00 pm - 7:00 pm, Riverside Salem Environmental Cottage & UCC/DC – Various progressive spiritual activist and naturalist programs, Sundays, 4-6pm followed by a pot-luck. 3449 West River Road, Grand Island, NY 14072. This week is Session 2 (of 3) on Jim Antal's book, Climate Church Climate World.

Monday, November 4

Budding Naturalists- 9:00 AM - 11:30 AM at Tiff Nature center. The Budding Naturalists Reggio Emilia inspired drop-off program will use Tiff as an outdoor classroom to nurture your 3-5 year old's natural sense of wonder and curiosity while encouraging physical, cognitive, social and emotional development. Let our team of dedicated facilitators inspire your child in our new early childhood classroom and on the Tiff trails! Choose one or two days a week and register monthly or for the entire year! Participants must be toilet trained, no Pull-Ups. Ages: 3-5. Cost: Registration is \$50 (non-refundable). Tuition is \$90/mo for one day per week, \$180/mo for two days per week. Register [HERE](#).

Tuesday, November 5

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series- Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <https://buffaloah.com/h/center/lib/19.html>

Webinar: How to Get a Job in Sustainability-Purpose-Driven Careers in Business, NGOs, and Government at 7pm. Dr. Eban Goodstein, Bard College, will outline mission-driven career strategies in sustainable business, non-profits and government for both soon-to-be and recent college graduates, and for professionals looking to make a move. Goodstein will provide participants with a concrete job-search strategy, discuss what the current political climate means for careers in social and environmental sustainability, cover grad school and continuing education options (including school now / school later); and take questions from the audience. Please [register here](#) [for log-in details](#) and more information.

Wednesday, November 6

Wind Works- League of Women Voters of Chautauqua County present a hot topics luncheon with speaker Ellen Banks, Sierra Club Atlantic Chapter Conservation Chair. The luncheon will be held November 6 with optional lunch (\$15) at 12 noon and talk at 12:30pm at the Clarion Hotel in Dunkirk, 30 Lake Shore Dr., 14048. RSVP ASAP to Nicki Schoenl at 716 679-1258.

Slender False Brome Working Group Meeting-1:00-3:00 pm at Genesee County Park and Forest; East Bethany, NY. We will have speakers present on current *Brachypodium* research involving interactions with deer and native plants, future work on *Brachypodium* which may include growth rate and photosynthesis, and updates on field work. Call-in options are available for those who can't attend in person. Please register with Brittany Hernon (hernonba@buffalostate.edu) by **Monday, November 4.**

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at Erie County Public Works, Rath Building 95 Franklin Street, Buffalo, NY 14202. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#).

2 The Outdoors Forum: Domestic Animal Protectors- 7:00 PM - 9:00 PM at Tiff Nature Preserve. Join us for a special evening indoors with guest speakers and companion animal heroes from SPCA of Erie County, Hope Before Heaven, and the Animal Food Bank of WNY coordinated by WGRZ's 2 the Outdoors. This is a FREE event. Doors open at 6:30 p.m. For more information, contact Terry Belke at terry.belke@wgrz.com. Ages: 8 to Adult. Cost: FREE. *No registration required.*

Working for Downtown's Buffalo Meets- Join us at Fattey Beer Co. for Working For Downtown's premier social event, Buffalo Meets. We're putting together some of Buffalo's most interesting venues with Buffalo's most interesting people and companies. Drop in any time between 5 – 8PM and enjoy light appetizers and mingle with professionals who share a passion for the Queen City! Fattey Beer Co., 5 Genesee Street, Buffalo, NY 14203. [Register Here](#)

Scinight Collections Tour: Geology Rocks- 6:00 PM - 8:00 PM. Did you know the Museum houses more than 700,000 specimens and artifacts? Get behind the scenes to see what few have seen and explore the Museum's Collection. Tours are approximately two hours in length. Holmes! What kind of rock is this? Sedimentary, my dear Watson. Learn why this and other CoRnY jokes are funny by investigating the Museum's Geology Collection. Ages: 18+. Cost: \$25 per participant, 10% off for BMS Members (includes Museum admission). *Register online or by phone at least one week in advance.* [Purchase Tickets](#)

Wednesday Woods Walk-10am to noon at Woodlawn Beach State Park. Join us for a hike along the parks boardwalk and trails to explore its freshwater sand dune environment. *Call (716) 549-1050 to register for program.*

The Foundry Open Tours-Open tours for the public every Wednesday evening at 6pm. Come learn more about youth & adult classes, membership options in our makerspaces or learn more information about how YOU can become a tenant and grow your small business with us. No need to RSVP. 298 Northampton Street, Buffalo.

Thursday, November 7

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Hops 'N Rocks Annual Fundraiser- 6 to 9 pm at a new venue: Pearl Street Grill & Brewery in downtown Buffalo!! We'll have dinner, commemorative gifts, auctions, prizes, live music, and more! Tickets are \$40/presale; \$45/at the door. Tables of 8 are available for \$300. You can purchase tickets and tables here: <https://penndixie.org/hopsnrocks/>

Woman Bird Walk Series- 8:30 AM - 9:30 AM. Beginner to experienced woman birders are invited to join us for a welcoming, guided bird walk on the Preserve's trails. Binoculars and introduction to birding provided. *Advance registration required.* Cost: \$6 per participant (BMS Members save 10%). [Purchase Tickets](#)

Adult DinoFEST-6 to 9pm at Buffalo Science Museum. Kids aren't the only ones having all the dino fun! Join the Museum for ages 21+ version of our annual DinoFEST! See fossils from our Collection, snap some photos with life-like dino friends and more! Cash bar and food available for purchase. \$16. [BUY TICKETS NOW!](#)

STEAM Sessions @The Foundry-Now enrolling 9th-11th grade students for our FREE grant funded afterschool program from 4:30-6:30 pm for five sessions. Students will put their creative maker hats on during our five-part class and work on project that investigate energy, the ways different kinds of waves impact us and life of our planet! For more information or how to sign up contact deb@thefoundrybuffalo.org. 298 Northampton, Buffalo. www.thefoundrybuffalo.org

Main Street Rehabilitation Project Public Information Session- 5 to 7pm. Health Sciences Charter School, 1140 Ellicott St., Buffalo. 3pm walking tour. Join City of Buffalo Department of Public Works to discuss the future of Middle Main. Complete streets enthusiasts—we need you to turn out! Please join us in supporting safe infrastructure on Main Street. If you've ever rode your bike on middle Main Street, you know what the problems are: unsafe speeds of motor vehicles, inappropriately wide lane width for an urban street with high pedestrian volumes and an adjacent transit corridor, and, of course, no pedestrian or bicycle amenities. Further, pedestrian and bicycle infrastructure not only makes streets safer for people, a 13-year study found protected bicycle lanes results in [lower fatalities and lower injuries for all road users!](#) Who doesn't want to not be injured?!

Environmental Justice Taskforce- 6:00 pm - 7:30 pm At the Isaías González-Soto Branch (formerly Niagara Branch) Library, 280 Porter Ave, Buffalo 14201. Come out to learn about the bomb trains, and bomb train watch; No NAPL efforts; nuclear waste transport (liquid and solid over the Peace Bridge and hundreds of miles of highways and byways, creating a gigantic public health hazard); and more.

Succulent Dish Garden: Make-it, Take-it Workshop-6pm at the Buffalo & Erie Botanical Gardens. Participants will design a unique succulent container garden while learning more about these exciting low-maintenance plants. Attendees will learn how succulents grow and how to propagate them. Each participant can add some creative touches to their arrangement from a variety of included supplies. Organizers ask that attendees bring gloves and a box for transporting their creation. Garden Member \$20, General Public \$25. [Register.](#)

Forum on Chautauqua County's Invasive Forest Pests-5:00-8:00 pm at Roger Tory Peterson Institute, Jamestown, NY. The Roger Tory Peterson Institute of Natural History, in collaboration with the Chautauqua County Forest Pest Task Force, is hosting an evening event to educate municipal officials, private landowners and interested citizens who want to learn more about invasive forest pests. The event is free and open to the public, and will include complimentary refreshments for attendees in between speakers. Visit the

Gardens of England-Genesee County Master Gardeners will hold a free garden talk from 12:15 to 12:45 p.m. at the Cornell Cooperative Extension office, 420 E. Main St, Batavia. Take your lunch. Registration is not required. Master Gardener Pam Ketchum will present brief reflections from a 13-day tour of English gardens. Highlights will include the Chelsea Flower Show, Great Dixter, Sissinghurst and Hidcote. She will share some history of the original owners and talk about structure, garden rooms, patterning, pathways and, of course, color.

Orchard Park Garden Club- 1 p.m. at the Orchard Park Presbyterian Church, 4369 S. Buffalo St., Orchard Park. Sign-ups begin at 1 p.m. with refreshments at 1:30 and the program at 2 p.m. The program will be "Auction – Use, Return, Reuse, Recycle any garden related items." Wendy Zebehazy, club member, will be the auctioneer in this fun function.

South Towns Gardeners- will meet at 9:30 a.m. at the West Seneca Senior Center, 4620 Seneca St., West Seneca. After a brief business meeting there will be a presentation on hummingbirds. Guests and new members are welcome. For more information, call 668-0209.

Buffalo Astronomical Association Meeting-7:30pm. Building C122, Buffalo State College, 1300 Elmwood, Buffalo.

National STEM Day-9am to 1pm at Pearl Street Grill, 76 Pearl St. Buffalo with interactive STEM Career Pathway Demos concluding with the Annual Recognition of schools and educators. [Tickets and Info](#). Celebrate National STEM Day with colleagues across the region and roll up your sleeves for hands-on activities you can use to spark your students' interest in high-demand STEM careers. You can ensure that learners are job-ready for high-demand careers in the local tech sector. CTLE credit is available. An optional 3D technology workshop is available in the afternoon. For a detailed agenda, see [HERE](#).

Saturday, November 9

Family Nature Quest: Animal Signs-10:30am. Use your science senses to search for clues left by local wildlife. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Animal Foraging- Como Lake Park| 2220 Como Park Blvd, Lancaster, NY 14086| 10 AM | Shelter #5. While we are getting ready for Thanksgiving our local wildlife are getting ready to feast as well! Come explore with Ranger Stephanie at Como Lake Park and see how different types of wildlife take advantage of the natural bounty around our parks. The program will be a guided walk along the Boy Scout Trail where we will learn about animal foraging. All ages are welcome. Dress appropriately for the weather.

Gorge at Low Water-10am to 3:30pm at [Whirlpool State Park](#). Enjoy the Niagara Gorge after the volume of water in the Niagara River is reduced by 25%. We will take you past the Whirlpool to the site of the Great Gorge Route station and beyond. **Call (716) 282-5154 to register for either program.**

Hike along Niagara Gorge-Join Waterkeeper for a hike along the Niagara Gorge and learn about this significant Important Bird Area. We'll see some migrating birds! 9 to 11am at Artpark, 450 South 4th St., Lewiston. [register](#).

DinoFEST-10 a.m. - 4 p.m. \$15 for adults, \$10 children at the Buffalo Science Museum. FREE for BMS Members. Get ready to stomp and roar, because our annual day of family-friendly dinosaur fun is back! Channel your inner paleontologist, dive into a giant dino dig pit and visit with Vinny and Teddy, two life-like dinosaur friends. *Presented by Fidelis Care.* [BUY TICKETS NOW!](#)

Chestnut Ridge Conservancy Gala-6 to 10pm, fundraiser at Orchard Park Country Club 4777 Buffalo St., Orchard Park. [Tickets](#).

Cranksgiving-Lafayette Square, 415 Main St., Buffalo. Cranksgiving is a food drive on two wheels. Bring a bike (any bike will do), a bag, a lock, a helmet and about \$10-15 to buy food. All of the food collected at grocery stores will be donated to [Buffalo Food Not Bombs](#). Riders will be given a manifest with a list of grocery stores around the city to visit and food items to purchase. Riders will bring their completed purchases to the GObike workshop. Families, teams (limit 4 people per team) along with individual riders are encouraged to enter. Trophies/Prizes will be awarded and refreshments will be had at the after party at the GObike workshop (98 Colvin Ave) at 3 pm. After party is free for riders, non-riders should bring vegan non-perishable food items to donate or \$5. Registration is at Lafayette Square and starts at 12pm and the ride starts promptly at 1pm. *Note: Ride starts and ends at different locations.

Ecological Surveys-10:00am-12:30pm at Chaffee Preserve, Chaffee, NY. Join an Earth Spirit naturalist on a moderately challenging hike through open fields, wetlands and mature forests in order to record a listing of plants/trees and animals as part of an ongoing data collection process for the Preserve. Become a citizen scientist! **FREE EVENT!** Sponsored by Waste Management of Chaffee, [Register Now](#)

Orchid Show-Buffalo & Erie County Botanical Gardens will host from 10 a.m. to 4:30 p.m. at the Botanical Gardens, 2655 South Park Ave., Buffalo. Along with the [Niagara Frontier Orchid Society](#), the Botanical Gardens will host this popular annual orchid showcase with dozens of hand-picked and award winning orchid exhibits. These unique exhibits will be dispersed throughout the Botanical Gardens for visitors to enjoy. For those who want to expand their orchid knowledge, informal educational presentations will be held both days at 2 p.m. on growing orchids and other aspects of indoor orchid gardening. During the show, orchids of many varieties and sizes as well as lots of growing supplies will be for sale through local vendors. The exhibit is included with Botanical Gardens admission. Admission is \$12.50 for adults, \$11 for seniors (ages 62 and older), \$11 for students (ages 13 and older with ID), \$7 for children ages 3 – 12 and free for Botanical Gardens members and children 2 and under.

Buffalo Maritime Center Speaker Series-9am to 1pm at 90 Arthur St, Buffalo, NY 14207. Niagara Frontier Antique and Classic Boat Club will be featuring Jon & Kait's V8's. Experts in vintage marine engine restoration, Jon & Kait will share their knowledge and advise on all things engine-related! Learn more about how to set up zenith updraft carburetors, petronix ignition conversion, Hercules transmission adjustments, thermostats, cooling, part sourcing, and much more. Bring your questions! The event fee is \$10.00 which covers coffee, donuts, and lunch. There is limited space available. **Phone:** 716-881-0111, or email info@buffalomaritimecenter.org.

Sunday, November 10

A Dose of Nature: Night Time Adventure-7 to 9pm at [Fort Niagara State Park](#). Escape the stress of everyday life and reconnect with nature. Join us for a presentation followed by a walk through the woods along Lake Ontario. *Call (716) 282-5154 to register for program.*

Sunday Morning Hike-Location: Ellicott Creek | 1 Ellicott Creek Dr, Tonawanda, NY 14150. 10am. Join a Park Ranger on Sunday mornings for guided vigorous hike through one of our many parks. Each week we will visit a different County Park to explore the trails and see what we can find. Please dress appropriately for the weather, and bring water. Meet at the soccer field parking area.

Maintaining Your Bike Through Winter-Bikes ridden through rain, salt, snow, and sludge need a little extra attention. We will show you how to keep your ride running in tip top shape. We will also share tips for winter riding and choosing a winter bike. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 5:30pm-7:30pm. Cost for classes is \$10 plus any needed supplies & most classes are limited to 10 people. Please RSVP to adam@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Fall Hike- Join Paths, Paddles and Peaks from 9am to 11am. To find out the location for the hike, contact them 716-213-0350 or <https://pathspeakspaddles.com/contact-us/>.

Fun Facts with Kelly: Wetlands Edition-2 to 3:30pm at [Wilson Tuscarora State Park](#). Ribbit-ribbit, splash-splash! Come out for a walk through the wetlands along 12-mile creek and learn about its inhabitants and unique offerings to animals and humans alike. *Call (716) 282-5154 to register for program.*

Orchid Show-Buffalo & Erie County Botanical Gardens will host from 10 a.m. to 4:30 p.m. at 2655 South Park Ave., Buffalo. Along with the [Niagara Frontier Orchid Society](#), the Botanical Gardens will host this popular annual orchid showcase with dozens of hand-picked and award winning orchid exhibits. For those who want to expand their orchid knowledge, informal educational presentations will be held both days at 2 p.m. on growing orchids and other aspects of indoor orchid gardening. During the show, orchids of many varieties and sizes as well as lots of growing supplies will be for sale through local vendors. The exhibit is included with Botanical Gardens admission. Admission is \$12.50 for adults, \$11 for seniors (ages 62 and older), \$11 for students (ages 13 and older with ID), \$7 for children ages 3 – 12 and free for Botanical Gardens members and children 2 and under.

Monday, November 11

Folktales in the Forest- 2:00 PM - 3:30 PM. Listen to captivating readings of legends and lore of the local wildlife, while on a guided tour of the tranquil Tifft Nature Preserve trails. Ages: All Ages. Cost: \$6 per participant (BMS Members save 10%). *Advance registration required.* [Purchase Tickets](#)

Draves Arboretum Veterans Walk- Veterans walk the Arboretum for free this Veterans Day between 10am and 3pm! A complimentary tour will also be offered at noon by our own Angela Crump Warren! Veterans may bring guests; admission for civilians is \$12.00 per person. <https://www.facebook.com/dravesarboretum/>

Women in Agriculture Discussion Group (WAVES)- 6:00 PM - 7:30 PM. The final meeting, focused on auxiliary farm income, will be held from 6:00-7:30pm at Burley's Berries and Blooms in Warsaw. Our host, Megan Burley, runs a creative and diversified farm that uses the existing farm infrastructure and landscape assets to augment her business's primary strawberry and cut flower income. Megan will teach participants how to use farm products to craft unique, value-added fall and winter wreaths to extend your marketing season and supplement your farm product offerings and discuss how social media helps promote her auxiliary farm products to a broader audience. Additionally, Katherine Humphrey of All Western Evergreen Nursery and Christmas Tree Farm in Springwater, NY will discuss Christmas tree/tree production. Her family also participates in the Trees for Troops program. As we meet on Veteran's Day, Katherine will share more about this opportunity for Christmas tree growers to give to those who serve in the military. For more info or to pre-register contact Jolie Hibit (716) 652-5400 ext 176 / jah663@cornell.edu.

Tuesday, November 12

Farmland for a New Generation Ask the Expert Workshops-6:30 to 8:30pm. Cost is \$10 a session (includes 2 registrations farm or household) OR \$30 for all four sessions. If you are currently enrolled in the CCE Erie Ag Program, cost is \$7 per session OR \$25 for all four sessions. [Register here](#), or contact Jolie Hibit (716) 652-5400 ext 176 or jah663@cornell.edu. Western New York participants will meet in East Aurora and join the workshop via video conference. Participants from across the state will hear a presentation from each expert and then have a chance to ask questions. There will also be time to network with other farmland seekers and owners. Topic: "How is Farmland Valued?"

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series- Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <https://buffaloah.com/h/center/lib/19.html>

ADK Upcoming Meeting-Amherst Community Church, Washington Hwy, Snyder (park behind, on 2nd floor). Education Workshop: Map & Compass Practice | 6:30pm. Dr. Jerry Sultz one of the founders of the Niagara Frontier Search and Rescue Team will give us some basic information on finding compass bearings, using a compass to make sure you are on the right course to your destination, and using a compass to help plan a hiking route. We will practice taking compass bearings and walking in a given direction, and using a compass and topographic maps to plan a hike. Please bring a compass if you have one! Join us in the community room adjacent to the main meeting room from 6:30 to 7:15. Presentation: Arctic Alpine Foliage | 7:00p Our program this month will be "Northern Exposure: Some Arctic Alpine Plants of North America" presented by Wayne Gall Ph.D. Arctic Alpine plants display fascinating adaptations to their harsh environment. Wayne will present photos of wild plants that he captured in the Canadian Rockies at the edge of Arctic tundra on Hudson Bay at Churchill, Manitoba, and in the High peaks of Adirondacks.

Scinight Workshop: That must not be Named- 7:00 PM - 8:30 PM. The Wizarding World awaits you! Uncover your magical heritage while discovering Tifft's natural heritage during your evening's enrollment in our wizarding school. Make a wand, create a herbal potion, read the stars and cast a spell inspired by some real live magnificent beasts present, all while sipping homemade butterbeer (non-alcoholic).Ages: 18+, Cost: \$12 per participant (BMS Members save 10%). *Advance registration required.* [Purchase Tickets](#)

Autumn Tree I.D. Hike-1:30-3:30pm. Knox Farm State Park. Hike through the fall woods to learn some basic tips and tricks that will help you to identify trees even after they have lost their leaves! *Call (716) 549-1050 to register for program.*

Niagara Frontier Botanical Society Meeting: "The Mountains of Southeastern Arizona- A World Apart (Sierra Madre Zone)." Speaker Joanne Schlegel spent 2015-16 living in this area, exploring the several mountain ranges that contain plants found nowhere else in the U.S. Joanne is a past president of NFBS, and is currently vice president & field trip chairman. General meetings are held at 7:30 p.m. on the second Tuesday of each month, September through May, at the Harlem Road Community Center, 4225 Harlem Road, one block south of Main Street in Snyder (except April meeting).

Moonlight Meander-5:30 to 7:30pm at Knox Farm State Park. Embark on a crepuscular journey through Knox Farm. Experience the park in the glow of a full moon. *Call (716) 549-1050 to register for program.*

Beaver Full Moon Walk-6 to 7:30pm at Beaver Meadow Audubon Center. Join naturalist Mark Carra to see and hear about the living things that are active at the center. Pre-registration at 585-457-3228. \$5.

Kenmore Garden Club- 10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. Theresa Morone, proprietor of Floral Accents Flower Shop and horticulture teacher at Niagara County Community College, will present "Floral Designs for the Holidays." She will demonstrate floral designs and four designs will be raffled at the end of her presentation.

CCE Erie Annual Meeting 2019-6 to 9pm. Please join Cornell Cooperative Extension of Erie County as we celebrate another successful year! This year's meeting will feature a silent auction, and an ice cream social meet-and-greet. Social Hour 6pm / Program 7:00pm, 21 South Grove Street, East Aurora, NY 14052.

LEAF 2019: Keep It Growing- How to grow greens all winter from 6 to 8pm. \$5/person. It is possible to grow produce in NY all year long! Come learn how to make the most of your growing space - indoors and outside - to raise your own salad. Elizabeth Buck is a Fresh Market Vegetable Specialist with the Cornell Vegetable Program. She has worked with growers across western NY who raise crops throughout the winter. Contact Emily Reynolds at eck47@cornell.edu. Carnahan Center at Jamestown Community College, 525 Falconer Street, Jamestown, NY.

Wednesday, November 13

Wild Wednesday-4:30 to 5:30pm. Together, kids and their parents or caregivers can enjoy a different, fun, hour-long outdoor activity. For children in grades K through 5. No registration required. Reinstein Woods Nature Preserve.

Coffee from Bean to Brew-6 to 7:30pm, Buffalo Science Museum, Adult workshop. Join us for a cozy evening of coffee talk as we explore the process and science of coffee from bean to brew. Ask all your beaniest questions of our local business guest, McCullagh Coffee Roasters. Samples will be served! 18+ age. Cost: \$15 per participant (BMS Members save 10%). [Purchase Tickets](#)

The Foundry Open Tours-Open tours for the public every Wednesday evening at 6pm. Come learn more about youth & adult classes, membership options in our makerspaces or learn more information about how YOU can become a tenant and grow your small business with us. No need to RSVP, just stop by! 298 Northampton Street, Buffalo.

Buffalo Ornithological Society Meeting-7pm in the Cummings Room, Buffalo Museum of Science.

Public Meeting on Restoring the Humboldt Parkway-6 to 8pm at the Buffalo Museum of Science. Join NYSDOT and the Hon. Crystal Peoples-Stokes to hear about their preferred design alternatives for the Kensington Expressway.

WNY Stormwater Coalition Luncheon Meeting-1 pm - 3:30 pm. For location and details, check <http://www2.erie.gov/environment/index.php?q=western-new-york-stormwater-coalition#MeetingDates>

GIS Day-1 to 4pm at Meals on Wheels for WNY, Buffalo. The WNYGIS User Group and Feedmore WNY are hosting a fall GIS Day learning event. Presentation topics include Feedmore WNY's routing and logistics, Invasive Species Mapping and Optimizing Infrastructure Management Through Geospatial Solutions. For more information and to get tickets, visit the [WNYGIS website](#).

SSF Webinar: Science in Environmental Decision-Making.-12:30 to 2pm. Science is foundational to life and the planet as we know it. Policymakers understand this, as do scientists. However the boundary-spanning between policymakers and scientists does not come naturally. Given the current vulnerabilities faced by places, people, ecosystems, and markets, it is essential to create more opportunities for policymakers and scientists to work effectively together. [Webinar link](#).

Tax Credit Workshop in Hamlin Park-Preservation Buffalo Niagara's next Historic Homeowner Tax Credit Workshop will take place at the Hamlin Park Community and Taxpayers Association, 60 Hedley Place, in Buffalo at 6:00pm. If your property is located within a National Register or Certified Local Historic District or listed in the National Register individually then you might be eligible for State or Federal historic tax credits. Join PBN's Director of Preservation Services, Christiana Limniatis, for a Historic Tax Credit Workshop and learn more about this useful financial resource that can help rehabilitate homes. Be sure to reserve your [spot](#).

Public Sessions on Lake Ontario's Fisheries-An upcoming public meeting and online session will be held on the status of Lake Ontario's alewife population and the salmon and trout fisheries it supports. Alewife are small forage fish that make up a significant portion of salmon and trout diets in Lake Ontario, especially Chinook salmon. 6:30 to 9 p.m., Cornell Cooperative Extension Building, 4487 Lake Avenue, Lockport, Niagara County. The online session will be Thursday, November 14 from 6:30 to 9pm. [To join the meeting, click here](#). If asked for a meeting number or a password use the following: Meeting number: 641 790 213, Password: PCVMcPX3.

Global Justice Ecology Project- Volunteer and help with our next mailing. 6-9pm 266 Elmwood Avenue, Suite 307, Buffalo, NY 14222

Lancaster Garden Club- 6:30 p.m. at St. John Lutheran Church hall, 55 Pleasant Ave., Lancaster. The program will be "Essential Oils and You" homeopathic essential oils workshop.

WNY Seed Library Volunteering- group will meet to pack seeds 7:30 PM – 8:30 PM at the Audubon Library, 350 John James Audubon Pkwy, Amherst.

Save the Date: Restoring Humboldt Parkway-Learn more about where the D.O.T. is in planning the restoration of Humboldt Parkway and ensuring that it meets the needs of the community. You are invited to attend this public meeting which will be held at the Buffalo Science Museum. This event is hosted by NYS Assembly Majority Leader Crystal Peoples-Stokes, NYS Senate Transportation and Infrastructure Chair Tim Kennedy, the Restore Our Community Coalition, and the NYS Department of Transportation. For more information please contact the office of Majority Leader Hon. Crystal People-Stokes at 716-897-9714.

Thursday, November 14

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Public Sessions on Lake Ontario's Fisheries-An upcoming online session will be held on the status of Lake Ontario's alewife population and the salmon and trout fisheries it supports. Alewife are small forage fish that make up a significant portion of salmon and trout diets in Lake Ontario, especially Chinook salmon. 6:30 to 9pm. [To join the meeting, click here.](#) If asked for a meeting number or a password use the following: Meeting number: 641 790 213, Password: PCVMcPX3.

Oceanda: Where Taste Meets Sustainability- Watch as local chefs slice, dice and sauté some savory dishes using sustainable seafood — then sample their creations! It's the Aquarium of Niagara's first-ever sustainable seafood tasting event. 6-9pm. Artisan Kitchens & Baths, 200 Amherst Street, Buffalo, NY 14207. [Tickets include small plates, a gourmet assortment of cheese and charcuterie, and unlimited wine and beer.](#) Learn how to make sustainable seafood choices in your own kitchen that help save species and conserve ocean health. The Aquarium of Niagara is home to more than 120 different species, including many that were rescued and deemed non-releasable. All money raised will go directly into the care of our animals.

Friday, November 15

NYSDEC's Great Lakes Program Work Group Meeting- 1 to 4pm at Reinstein Woods, Depew. For more information or to RSVP, please contact Lake Erie and Southwest Ontario: Shannon.Dougherty@dec.ny.gov, 716-851-7070.

Saturday, November 16

Natural Products Workshop Part 2: Personal Care-10:30am. Learn to make natural personal care products and how to make personal care choices that are better for the environment. Make your own lip balm or deodorant to take home. Materials fee: \$5/\$3 for Friends members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Meet the Dinosaurs- Buffalo Zoo from 10:00 a.m. – 12:00 p.m. Ages: Families (ages 6+). Join the Buffalo Zoo and Penn Dixie as we explore the world of dinosaurs. Compare our living collection with Penn Dixie's not-so-living collection and learn about which prehistoric animals lived in Western New York and how they relate to our animals today. [Reservations.](#)

Gorge at Low Water-10am to 3:30pm at [Whirlpool State Park.](#) Enjoy the Niagara Gorge after the volume of water in the Niagara River is reduced by 25%. We will take you past the Whirlpool to the site of the Great Gorge Route station and beyond. *Call (716) 282-5154 to register for either program.*

Birder Boot Camp: Niagara Gulls at Unity Island-9 to 11am. Binoculars will be available. Join Audubon to learn about gull identification. Pre-registration required at 585-457-3228. \$7.

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

The Fascinating World of Spiders-10:30am at Pfeiffer Nature Center. Join wildlife enthusiast, Barb Busack as she takes us along on a journey to learn about the fascinating life of spiders. Barb will share with us the adaptations that spiders have developed to be successful in the world. The goal of the program is to provide us humans an opportunity to develop an understanding of and an appreciation for these much maligned animals. This event is will be held at The Portville Free Library, 2 North Main Street, Portville, New York 14770. Fee: Free for members, \$5 for non-members and free for children 13 and under. Minors must be accompanied by an adult. Register by 4 PM, Thursday, **November 14th, 2019.** To register, click on "register for our programs on line" above or contact the office at 716-933-0187.

Horticulture 2-11am-1pm at Botanical Gardens. Garden Members \$108/series, \$18/class, General Public \$138/series, \$23/class. Refresh your gardening skills, learn new concepts and ideas, and explore the botanical world with classes designed and led by David R. Clark, Horticulturist & CNLP. Great for beginners or gardeners wishing to brush up on their skills. Perfect for gifts, or share the experience with friends! Those who complete each series will be presented with a certificate upon completion. [Register.](#) Topic: Advanced Plant Propagation.

Ellicott Creek Planting: Volunteers Needed-Buffalo Niagara Waterkeeper will be continuing its Ellicott Creek Reforestation project. Sessions are 10:00am – 1:00pm and the other one from 1:00pm – 4:00pm. [Register.](#)

Dare to Repair Café-10 am to 1pm at Herman Badillo Bilingual Academy, 315 Carolina St., Buffalo. Free community event where individuals bring broken items (lamps, small electronics, toys etc.) and volunteer “fixers” try to repair the items for free. Info at www.thetoolibrary.org/daretorepair

Sunday, November 17

Sunday Morning Hike-Location: Como Lake | 2220 Como Park Blvd, Lancaster, NY 14086 | 10:00 AM
Join a Park Ranger on Sunday mornings for guided vigorous hike through one of our many parks. Each week we will visit a different County Park to explore the trails and see what we can find. Please dress appropriately for the weather, and bring water. Meet at Bowen Grove.

Bike Craft-Join us in building stuff out of bike parts! We'll be putting together stools out of old bike frames. The class will cover how to use an angle grinder, and power tool safety. Perfect gifts for the holiday season. Other projects ideas include toilet paper holder, wind chimes and jewelry. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 5:30pm-7:30pm. Cost for classes is \$10 plus any needed supplies & most classes are limited to 10 people. Please RSVP to adam@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Tuesday, November 19

Little Tykes Mini Nature Camp (ages 3-5)- 9:30 AM - 11:30 AM. Enjoy a morning of fun and exploration in our early childhood classroom with a different theme each month! Story-time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! *Advanced registration required.* Cost: \$7 per child with adult. BMS Members save 10%. Ages: 3-5. [Purchase Tickets](#)

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series- Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <https://buffaloah.com/h/center/lib/19.html>

Niagara River Greenway Commission Meeting-3PM | NOCO Pavilion, Sheridan Park south of the 290, Town of Tonawanda.

Toddler Time: Who Hibernates-10 to 11:15am at Beaver Meadow Audubon Center. Ages 2-4. Weather-permitting, we'll take a short walk before a fun story with puppets, craft and snack. Pre-registration required at 585-457-3228. \$3

The African Violet and Gesneriads Society of WNY- 7 p.m. at the Greenfield Health and Rehabilitation Facility, 5949 Broadway, Lancaster. There will be a slide show of the Ohio Violet Convention. Contact Judy Oneil at judyoneil1945@gmail.com for detailed directions.

The WNY Sustainable Business Roundtable Discussion- 8:30 to 10am. Topic is new NYS Food Donation and Food Scraps Recycling Legislation at the Buffalo Zoo. Attendance is limited and pre-registration is required. [Register and info here.](#)

Wednesday, November 20

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

WNY Meteorological Society Meeting-7pm. Free event. Research and Information Commons room 120, Daemen College, 4380 Main St., Amherst. Dr. Stephen Vermette will discuss the weather system that caused the loss of the steamer Edmund Fitzgerald on November 10, 1975 during a raging snowstorm. The Gordon Lightfoot ballad eulogized this tragic event.

Wednesday Woods Walk-10am to noon at Evangola State Park. Head to the woods for a scenic walk through Evangola to enjoy the changing season and final days of November. *Call (716) 549-1050 to register for program.*

Conversations in Science: Pushing Back against Antibiotic Resistance- 7:00 PM - 9:00 PM. An interactive, community-friendly discussion around antibiotics, bacterial resistance, and the human microbiome. Safe antibiotic use helps prevent antimicrobial resistance and keeps future generations healthy. This event is part of a local effort led by the University at Buffalo in the CDC's Be Antibiotics Aware Initiative. Ages: All. Cost: FREE with Museum admission. Reserve your FREE tickets by clicking "Purchase Tickets" below or call 716.896.5200 x391. [Purchase Tickets](#)

The Foundry Open Tours-Open tours for the public every Wednesday evening at 6pm. Come learn more about youth & adult classes, membership options in our makerspaces or learn more information about how YOU can become a tenant and grow your small business with us. No need to RSVP, just stop by! 298 Northampton Street, Buffalo.

Winter Container Garden Workshop – Badding Brothers Farm Market, 10820 Transit Rd., East Amherst at 6:30pm. Create a beautiful winter container garden in this make & take workshop. Learn how different types of evergreens and winter accents can be used to add beauty to your entrance-way all winter long. The class includes a decorative plastic pot, soil, evergreen branches, and instruction. Cost is \$40 per person. Light refreshments of popcorn, spiced cider, and Genevieve's cookies will be served. **All additional accents (berries, pine cones, birch poles, sparkly twigs, etc) are available for purchase prior to class to incorporating into your arrangement.* [Registration](#) and 50% deposit is required.

WNY Rose Society- 7 p.m. at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Drive, Cheektowaga.

Thursday, November 21

Woman Bird Walk Series- 8:30 AM - 9:30 AM. Beginner to experienced woman birders are invited to join us for a welcoming, guided bird walk on the Preserve's trails. Binoculars and introduction to birding provided. *Advance registration required.* Cost: \$6 per participant (BMS Members save 10%). [Purchase Tickets](#)

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Saturday, November 23

Thanksgiving Centerpiece Workshop-1:30pm. Learn tips for plant identification while creating a fall-themed centerpiece. Materials fee: \$10 material fee/\$7 for Friends members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Horticulture 2-11am-1pm at Botanical Gardens. Garden Members \$108/series, \$18/class, General Public \$138/series, \$23/class. Refresh your gardening skills, learn new concepts and ideas, and explore the botanical world with classes designed and led by David R. Clark, Horticulturist & CNLP. Great for beginners or gardeners wishing to brush up on their skills. Perfect for gifts, or share the experience with friends! Those who complete each series will be presented with a certificate upon completion. [Register](#). Topic: Hydroponics.

Holiday Crafts and a Walk in the Park-10am to 1pm at DeVeaux Woods State Park. Time to relax and enjoy making some fun crafts for the upcoming holidays! Then, we will take a short walk around DeVeaux Woods. *Call (716) 282-5154 to register for program.*

Forever Evergreen-10am to noon at Beaver Meadow Audubon Center. Join Mark Carra for a hike to find the evergreens that persist despite the cold weather. Pre-registration required-585-457-3228. \$5.

Tonawanda Turkeys: Elmlawn Memorial Park-10am to noon. Join Audubon Naturalist Tom Kerr for a walk through Elmlawn Cemetery in search of their resident flock and learn more about this iconic bird. Pre-registration required at 585-457-3228.

LEAF 2019: Introduction to Food Preservation and Homemade Jam-10:00 AM - 12:00 PM. Join the Master Food Preservation Volunteers to learn how to make jams using a hot water bath canner. We will use fresh, local produce if available and all participants will leave with jam to take home. All materials are provided and included in the class fee. \$15/per person. Contact Emily Reynolds at eck47@cornell.edu . Carnahan Center at Jamestown Community College, 525 Falconer Street, Jamestown, NY 14701

Winter Container Garden Workshop – Badding Brothers Farm Market, 10820 Transit Rd., East Amherst at 11am. Create a beautiful winter container garden in this make & take workshop. Learn how different types of evergreens and winter accents can be used to add beauty to your entrance-way all winter long. The class includes a decorative plastic pot, soil, evergreen branches, and instruction. Cost is \$40 per person. Light refreshments of popcorn, spiced cider, and Genevieve's cookies will be served. **All additional accents (berries, pine cones, birch poles, sparkly twigs, etc) are available for purchase prior to class to incorporating into your arrangement.* [Registration](#) and 50% deposit is required.

Eternal Flame Adventure Hike-10:00am-12:30pm at Eternal Flame Lot, Chestnut Ridge County Park. Join an Earth Spirit naturalist on a more challenging hike through northern hardwood forests, conifer plantations, down ravines and up creeks to eventually visit the very special and geologically unique, “Eternal Flame”. Experience this popular hiking destination in a new way! **Please note that dogs are not allowed on this hike for safety reasons. Please [pre-register](#) for this event!*

Sunday, November 24

Sunday Morning Hike-Location: Isle View | 796 Niagara Street, Tonawanda, NY 14150 | 10:00 AM. Join a Park Ranger on Sunday mornings for guided vigorous hike through one of our many parks. Each week we will visit a different County Park to explore the trails and see what we can find. Please dress appropriately for the weather, and bring water. Meet near the boat launch.

Vegan Thanksgiving- 5:30 p.m. at the Amherst Unitarian Universalist Church. The dinner is a fundraiser for the Animal Advocates of WNY. The dinner is a fun(d)-raiser for the Animal Advocates of WNY. Suggested donation \$10 adults; \$5 students and seniors, \$2 children 10 and younger - Plus bring a VEGAN dish to pass. Food and fellowship are always excellent. We are happy to announce that this year our guest speaker is Jessica Meyers Altman, a certified Plant-Based Chef and Wellness Educator who holds Master’s Degrees in both Public Health and Science Education. She will present on the health benefits of eating more plants and provide vegan cooking tips. Jessica’s website is: www.gardenfreshfoodie.com. **Note that reservations are required by calling us at 839-0062.**

Tuesday, November 26

Grassroots Garden Pie Raffle-5:30 to 8pm at Resurgence Brewing, 55 Chicago St. \$25 per person, Pie raffle tickets \$1 each. Purchase tickets at www.grassrootsgardens.org

Farmland for a New Generation Ask the Expert Workshops-6:30 to 8:30pm. Cost is \$10 a session (includes 2 registrations farm or household). [Register here](#), or contact Jolie Hibit (716) 652-5400 ext 176 or jah663@cornell.edu. Topic: "What is an Effective Lease Agreement?"

Thursday, November 28

Gobble Walk-10am to noon at Woodlawn Beach State Park. Flare your tail and strut on out, we'll travel in a flock and waddle Turkey Talk! So, spur the poults from the roost, Tom Turkey's on the loose! *Call (716) 549-1050 to register for program.*

Friday, November 29

Calorie Burn Hike at Knox Farm State Park-10:30am to noon. Join Audubon Naturalist Mark for a brisk hike around the park. All welcome-pre-registration required at 585-457-3228.

Birch and Succulent Arrangement- 6:30pm at Badding Bros Farm Center, 10820 Transit, East Amherst. If you need to relax after an intense day of Black-Friday shopping (or an intense day of Thanksgiving eating), join us to create a beautiful winter succulent arrangement! This unique arrangement is a perfect accent for your table, mantle, or as a hostess gift. This is a soil-less creation (adhesive is used for the succulent cuttings), that makes an easy-to-care-for display that lasts throughout the winter season. The class includes a 5" birch log, moss, succulents, instruction, and winter decor (pine cones, berries, evergreens). Cost is \$30 per person. Light refreshments of popcorn, spiced cider, and Genevieve's cookies will be served. [Register](#).

Saturday, November 30

Explore Hidden Gems of Nature-10am. Have you ever visited Birdsong Parklands, Westwood Park, Lockport Nature Trail, or other hidden gems? Take a virtual walk to local parks and natural areas in this slideshow presentation. For adults and children age 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Niagara River Gulls: NYPA Fishing Platform-9 to 11am. Join Buffalo Audubon Naturalist Tom Kerr below the Robert Moses Dam to observe gulls. Pre-registration required at 585-457-3228.

Sunday, December 1

Sunday Morning Hike- Location: Emery | 2084 Emery Road, South Wales, NY 14139 | 10:00 AM. Join a Park Ranger on Sunday mornings for guided vigorous hike through one of our many parks. Each week we will visit a different County Park to explore the trails and see what we can find. Please dress appropriately for the weather, and bring water. Meet at the snowmobile lot.

Birding Field Trip - Joint Trip with the Rochester Birding Association (RBA) to look for gulls and waterfowl. The later date this year should increase our likelihood of seeing white-winged gulls as they have been arriving later in the fall. A spotting scope is helpful for viewing across long distances. Meet at 9:00 AM in the parking lot just outside the old fort at Fort Niagara State Park. Because this trip will head across the border into Canada, make sure you have a passport, passport card, Nexus, or enhanced drivers license. Dress warmly! Leader: BOS: Tom O'Donnell (716-284-5569) or tmodonnell@roadrunner.com).

Tips for the Environment:

- 1. Know your Plastic Bottles-** RecycleRight NY is focusing on plastic bottles and jugs for November- the importance of emptying these containers before recycling, the value of recycling bottles and jugs, and having residents check with their hauler or municipality about specific rules for recycling plastic bottles and jugs- such as caps on or off and what other plastics are recycled in local programs. **Check with your recycling provider for specifics of your program.**

- 2. Leaf Me Alone: Why You Should Keep Your Leaves In Your Yard** - As the leaves continue to fall, many of us will use our time or money to rid our lawns of leaves. Keeping our leaves nearby is a simpler, more environmentally-friendly solution, as leaves contain nutrients that are good for the soil. Mulch leaves in place, add shredded leaves to landscape as mulch, save for composting and place around your compost bin to insulate for the winter.

Ongoing Volunteer Opportunities Available

Volunteer opportunities are available at local organizations for a one-time commitment for several hours to a regularly scheduled donation of your time. Websites are listed later in the newsletter.

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

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

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

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

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

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

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

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

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

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

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

Excalibur, a private, non-profit all volunteer, charitable organization seeks competent anglers and captains to help provide free boating and fishing opportunities on Lake Erie for disabled and disadvantaged persons using the organizations new vessel. Contact Director Jim Catalano at jim@excalibur.org or visit <http://excalibur.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.

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

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

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

HOME, Inc. (Housing Opportunities Made Equal) seeks volunteers to work on various committees to further fair housing. For info/application, email muj265@homeny.org or visit their website at www.homeny.org.

Iroquois Observations offers free nature programs in partnership with the Buffalo Audubon Society each spring and fall. Please contact Garner Light at 772-5110 or glight@rochester.rr.com for more information.

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

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

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

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

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

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

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

Science Firsthand needs adult mentors to work with children in learning about science. All materials are provided. Mentors and students meet one hour per week after school at a community center. For info, call 858-7548.

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. Our big biking family is ever-growing - if you're looking for a fun and fulfilling way to get involved in our community on wheels, 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.

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

<http://www.buffalospree.com>

<http://www.exploreny.net/events.php3>

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

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

Re-Energize Buffalo Blog- <http://renewnrg.blogspot.com/>
<http://buffalorising.com>
<http://rochesterenvironment.com/calendar.htm>
<https://boredommd.com/>

Additional local blogs and websites-

Birds on the Niagara- <http://www.birdsontheniagarafrontier.org/>
Buffalo Niagara Gardening - <http://www.buffalo-niagaragardening.com/>
Buffalo Niagara Nature Almanac- <http://bnnatureblog.com/>
Buffalo Issues Alert- <http://groups.yahoo.com/group/BfloIssueAlerts/>
Buffalo Promise Neighborhoods- <http://buffalopromiseneighborhood.org/>
Buffalo Tours- <http://buffalotours.blogspot.com/>
Buffalo Green Fund-<http://www.buffalogreenfund.org/>
Canning Tips for Food Preservation- <http://www.motherearthnews.com>
Campaign for Buffalo History, Architecture and Culture- <http://greaterbuffalo.blogs.com/>
Chirps and Cheeps Bird Blog- <http://www.chirpsandcheeps.com/>
Dept. Environmental Conservation Calendar- <http://www.dec.ny.gov/calendar/>
DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>
Edible Buffalo- <http://ediblebuffalo.wordpress.com/>
Erie Cattaraugus Rail Trail- <http://www.ecatrail.org/>
Fix Buffalo- <http://fixbuffalo.blogspot.com/>
Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>
GBNRTC-<http://www.gbnrtc.org/blog/>
Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>
Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>
Learning Sustainability Campaign- <http://www.learningsustainability.com/>
Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>
Reuse Action-<http://reuseaction.com/blog/>
Rochester Environment- <http://www.rochesterenvironment.com/>
WNY Enviro- <http://groups.yahoo.com/group/WNY-ENVIRO/>
Outdoors Niagara- <http://www.outdoorsniagara.com/>
Environmental Tips- <http://www.globalstewards.org/ecotips.htm>
Buffalo Architecture and History- <http://www.buffaloah.com/>
Richardson-Olmsted <http://www.richardson-olmsted.com/>
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- <https://www.grandislandschools.org/domain/49>
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>
Rochester Roots-<http://www.rochesterroots.org/>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>
Citizen Science Opportunities- [listing](#)

County/New York State Resources

Erie County GIS Mapping- <http://gis2.erie.gov/HTML5/ErieCountyNY/>
Geographic Information Gateway <http://opdgig.dos.ny.gov/#/home>

Green Jobs, Internships and Opportunities

Green Jobs- <http://www.greatgreencareers.com>
UB Green Job list- <http://www.ub-careers.buffalo.edu/green.php>
Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

Youth Summer/Holiday Camps/Home School Series

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

Education Resources

[Green Education Foundation](#)
[Facing the Future](#)
[Cloud Institute for Sustainable Education](#)
[Sustainable Futures Institute](#)
[Nature Generation.](#)
[The Center for Ecoliteracy](#)
[Hamline's Center for Global Environmental Education \(CGEE\)](#)
[The National Science Teachers Association Learning Centers](#)
[The US Partnership for Education for Sustainable Development](#)

Grant Opportunities/Tools

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

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

Arden Farm- <http://theardenfarm.com/>
Becker Farms- <http://www.beckerfarms.com/csa>
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/>
Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>
Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>
Falkimmer Farms- <https://www.facebook.com/FalkimmerFarms/>
Farmer Pirates-<http://www.farmerpirates.com/>
Farmers and Artisans- <http://farmersandartisans.com>
Farmthisway CSA - <http://www.farmthisway.com/>
Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- <http://www.firstlightfarmer.com/>
Five Loaves Farm- <https://5loavesfarm.org/>
Good Food Farm- www.goodfoodfarm.blogspot.com
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Green Heron Growers- <http://www.greenherongrowers.com/>
Green Shoots- [www.jersbuffalo.org/index.php/programs/category/Green Shoots for New Americans](http://www.jersbuffalo.org/index.php/programs/category/Green_Shoots_for_New_Americans)
Gregs U-Pick- <http://gregsupick.com/>
Groundwork Market Garden- <http://www.groundworkmg.com>
Harvest Patch- <http://www.harvestpatch.com/>
Healthy Living Farm- <https://www.healthylivingfarm.com>

Kindred Kreek Farms- <https://www.kindredkreek.com/>
Little Bear Farm- <http://www.littlebearfarm.com/>
McCollum Orchards/Wildwood CSA- <http://www.olfarmnewlife.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <https://platodalefarm.com/>
Porter Farms- <http://www.porterfarms.org/>
The Promised Land- <http://promisedlandcsa.com/>
Providence Creek Farm- <http://www.providencecreekfarm.com/>
Richardson Farms/Grace's Garden- <https://www.facebook.com/groups/RichardsonFarmsAkronNY/>
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Still Mountain Farm- <https://www.localharvest.org/still-mountain-farm-M66912>
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Utley Acres- <http://utleyacres.com/>
Westside Tilth Farm- <http://westsidetilth.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>
Local Meats- <http://meatsuite.com/>
NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>

Local Businesses with Workshops

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

Local Tourism promoting Sustainability

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

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

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
Cars- <http://www.donateacar.com/>
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore

Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>,
<http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz>
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club <http://donateglasses.net/search.html> for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)
Furniture-Goodwill, Salvation Army, Amvets and other charities
Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>
Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>
Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>
Hazardous Household materials- <http://www.hazmanusa.com/>
Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,
Ink cartridges-RecyclePlace.com and most manufacturers
Mattresses- <http://triadrecycle.com/mattress/> Hazman, Buffalo ReUse ReSource
Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf
Needles, Syringes etc.- <http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access>
Packaging Materials (bubble wrap, peanuts)-UPS Store
Pharmaceuticals-dropoff sites at [map](#)
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448
Recycling A to Z - [realsimple](#)
Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com
Sports equipment-resell/trade at www.playitagainsports.com
Styrofoam- Thermal Foams, Inc. fors clean, white Styrofoam at 2101 Kenmore Ave., 14207. Call first at (716) 874-6474.
Tennis balls- <http://www.rebounces.com/recycle/>
Toys, plastic- http://dmpgreen.com/mail_in.html
Uses and reuses for many items- <http://www.world.org/weo/recycle>
Water filters-Brita partners with preserveproducts.com/recycling
Wetsuits- <https://www.sugamats.com/recycling/>, <https://www.greengurugear.com/pages/recycling-to-upcycle-program>

Eco-volunteering with Travel:

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

Education Courses or Certificates:

Energy University Website with Schneider Electric- [Courses](#) are free
Green Classroom Professional Certificate- Online courses, info [here](#)
Solar Energy Training- <http://www.solarenergy.org/training-schedule/>
Coursera- www.coursera.org

Miscellaneous:

Green America's guide to Socially Responsible Investing- <http://pubs.greenamerica.org/i/116105>
Buffalo Relocation and Self-Promotion <http://www.wherelifeworks.com/>
Change Food Library <http://www.changefood.org/changefoodlibrary/>
USDA Tool Kit for Local Food [toolkit](#)

Videos/Websites

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

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

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

[Archived EPA Climate Change Info.](#)

www.epa.gov/climate-indicators.

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

[Tool for Sourcing Local Meat](#)

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

[iMATTER Youth Movement to Spark Change](#)

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

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

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

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

[2018 Fuel Economy Guide](#)

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

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

Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June	http://adk-nfc.org/
AIA Buffalo Western NY	https://www.aiabuffalowny.org/
Air and Waste Management Association	https://awmanfs.wildapricot.org/
Allegany Nature Pilgrimage	http://alleganynaturepilgrimage.com/
Alliance for the Great Lakes	www.greatlakes.org
American Planning Association-WNY Section/Upstate	www.wnyapa.com
American Meteorological Society-WNY Chapter	www.facebook.com/amswnychapter
Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html
Animal Advocates of Western New York	https://animalswny.org/
Aquarium of Niagara	www.aquariumofniagara.org
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/

Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Astronomical Association	http://buffaloastronomy.com/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloudubon.org
Buffalo Blueway	https://buffaloblueway.com/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmentoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	http://www.buffaloinbloom.com
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	http://www.buffalo-orienteeing.org/
Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/

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

Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	https://esd.ny.gov/erie-canal-harbor-development-corporation-0
Erie County Climate Action & Sustainability	http://www2.erie.gov/environment/sustainability
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php

Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Experience	http://www.thegreatlakesexperience.org
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	http://gwbuffalo.org/
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
H.O.P.E of WNY	https://www.reptilekeeperllc.com/
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Inland Ocean Coalition-Buffalo Chapter	https://inlandoceancoalition.org/whoweare/chapters/buffalo/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/

Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jssbuffalo.com
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Local Initiatives Support Corporation	http://www.lisc.org/buffalo/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	http://www.nysacny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	https://parks.ny.gov/
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/

Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York Upstate Chapter, Landscape Architects	https://www.nyuasla.org/
New York State Wetlands Forum	http://www.wetlandsforum.org
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	https://sites.google.com/a/niagarafontierbotanicalsociety.org/niagarasociety/home/
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-101363388708865/
Niagara River Greenway Commission	https://www.niagararivergreenway.com/
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/
Our Outer Harbor	http://www.ourouterharbor.org/
Partners for a Livable WNY	https://www.livablewny.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Pelion Garden	https://peliongarden.org
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org

People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Pollinator Conservation Association	http://www.pollinatorconservationassociation.org/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
PUSH Blue	https://www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	https://levesqueinstitute.niagara.edu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://rocbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/EXTRA/enviromentalists.htm
Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	https://www.facebook.com/South-Bufferalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/

Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	http://21stcenturypark.org/
UB Engineers for a Sustainable World	http://www.eswub.com/
UB Environmental Network	https://www.facebook.com/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.uli.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.org/
WASH Project	http://thewashproject.org/
Wellness Institute	http://www.healthycommunitynetwork.com/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.growwny.org/
Western New York Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Food Hub	http://wnyfoodhub.com

Western New York Herpetological Society	http://www.wnyherpsociety.org/
Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	https://www.wnylc.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Mountain Bike Association	http://www.wnymba.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnyssc.org/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/
Western New York Service Learning Coalition	http://levesqueinstitute.niagara.edu/programs/wnyslc/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/wp/
West Side Ministries (716 Ministries)	http://www.westsideminstries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	https://buffalowind.wordpress.com/
Working for Downtown	http://www.workingfordowntown.org/
World on your Plate	http://www.worldonyourplate.org/