

Enviro-News

November, 2020

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:

Listening Session on Offshore Wind Youth Advocates Program

Attend a session which brings together educators, youth leaders, and advocates to help shape the Offshore Wind Youth Advocates Program. On **November 5** at 5:30 p.m., the New York State Energy Research and Development Authority (NYSERDA) is bringing together leaders, activists, and advocates working at the intersection of youth leadership and environmental justice to discuss the future of offshore wind and its implications for local communities. [Register.](#) This virtual event will explore the role of youth leadership in advocating for a just transition to a clean energy economy, including the development of offshore wind, and will help shape a forthcoming NYSERDA-sponsored program engaging young people in offshore wind.

Volunteers Needed for Riparian Plantings

Buffalo Niagara Waterkeeper needs your help at plantings to restore riparian habitat and protect water by planting native trees in Buffalo along the Buffalo River and on Grand Island along Spicer Creek. All events will follow social distancing guidelines and we ask all participants to wear masks. To ensure everyone's safety, spots are limited. Register today for the date and location: [NOV 7 at Seneca Bluffs](#) or [NOV 14 at River Oaks Golf Course](#). Learn more about RestoreCorps here: www.bnwaterkeeper.org/restorecorps

Cranksgiving: Food Drive on Wheels

On **Saturday, November 7**, join Go Bike Buffalo for the 9th annual Cranksgiving to benefit Buffalo Food Not Bombs! During these difficult times, coming together to help our community fight food insecurity is more needed and important than ever. Cranksgiving is a food drive on two wheels. Part bike ride, part food drive, part scavenger hunt. Bring a bike (any bike will do), a bag, a lock, a helmet, and about \$10 to 15 to buy food. The food collected at grocery stores will be donated to Buffalo Food Not Bombs. [Register.](#)

Smart floodplains: Best practices to reduce flood risk and restore waterways

Grow your understanding of floodplains, how they work, and how sustainable, smart floodplain management practices can reduce flood risk, improve water quality, and benefit your community. This **November 12** session from 9:30am to noon sponsored by One Region Forward will feature best practices, tools, and resources that can inform local action to benefit our watersheds. This session will be delivered as a webinar. Participation information will be shared upon registration. [Register today!](#)

Penn Dixie Gala and Fundraiser

In these trying and unprecedented times, we've come up with some safe and creative ways to celebrate Penn Dixie's 25th season. Since it's not a party without you, we hope you'll join us for our virtual gala. You can partake in some or all of the festivities leading up to our big virtual event on **November 12**. In partnership with Resurgence Brewing Company, you can get dinner for two and a 4-pack of locally brewed beers for just \$50 with proceeds to Penn Dixie. [ORDER HERE!](#) You can take a shot at winning the Ultimate Bar Cart for \$25 per ticket! [BUY TICKETS HERE!](#) A silent auction begins at 7 pm on 11/6 and closes at 8 pm on 11/12. [PREVIEW ITEMS HERE!](#) **The Virtual Gala & Award Ceremony is on November 12.** At 7 pm, join us virtually for a special presentation from Dr. Melanie Hopkins, Associate Curator of Invertebrate Paleontology at the American Museum of Natural History. [SIGN UP HERE!](#)

Call for Submissions: Virtual 6MBS

If you would like to submit a new 'Quarantine Edition' 6Mbs video to Buffalo Architecture Foundation, we would love to see it! Feel free to be creative with it, as long as it's connected to architecture in some way. Do you have a dog house in the shape of the Empire State Building? Give us a tour! We ask that you stick to the time limit of six minutes, but there is no need to talk to PowerPoint slides. **Deadline to submit is November 15th.** If you are interested, email us at info@buffaloarchitecture.org for more information.

Environmental Justice Film Screening: "The Condor and the Eagle"

Join others for a virtual film screening of the film "The Condor and the Eagle" on **Tuesday, November 17** from 7 to 9:30pm. In the film, four Indigenous leaders embark on an extraordinary trans-continental adventure from the Canadian boreal forests to the heart of the Amazonian jungle to unite the peoples of North and South America and deepen the meaning of "climate justice." After the film, there will be a panel discussion (approximately 8:45pm). [Please register for the film screening today.](#)

Buffalo History with Explore Buffalo

Our Fall 2020 Buffalo History Course is going virtual! Join from home on Zoom on Wednesday evenings until **November 18** at 7pm for *Episodes in Buffalo History*. We'll look at five important time periods in Buffalo history, with a different presentation each week by an Explore Buffalo docent. At the end of this course, you'll have a deeper understanding of our community's history. Topics and registration can be found at [Register Now](#). This course must be purchased as a whole – you cannot register for individual sessions.

Cornell Agriculture In-service Registration Open

The Agriculture, Food & Environmental Systems In-service brings together faculty, educators, and industry professionals from various agricultural fields to discuss the latest developments in research and practice. We offer programming in 10 tracks spanning a variety of agriculture related disciplines. Each year, this conference attracts over 300 participants to share knowledge and collaborate. Each track includes series of workshops specific to the discipline. In addition, we offer a number of plenary events for networking across disciplines. [Please explore the pages](#) to learn more about the conference. All In-Service workshops will be conducted entirely in a virtual setting through Zoom from **November 4-6**, and there will be no registration fees to attend workshops.

2020 New York State Outdoor Education Association (NYSOEA) Conference

The 2020 New York State Outdoor Education Association (NYSOEA) Conference will be the first-ever virtual conference for NYSOEA. It is a great opportunity to attend and connect with formal and non-formal educators all over New York. [The Climate of Outdoor Education](#) conference will be held Thursday, November 5th thru Sunday, November 8th with virtual workshops taking place on Friday and Saturday. For more information, visit [NYSOEA's website](#).

Electronics Recycling

Sunnking will hold a collection event on **December 19** at Eastern Hills Mall. Residents must pre-register at [Sunnking.com/Events](https://www.sunnking.com/Events); find a full list of recyclable devices at their site. Brockport-based electronics recycler, Sunnking, has filled all of its events since the COVID-19 shutdown, so register early. New health and safety procedures will be in place to ensure a safe environment, including timed appointments, no-contact device removal, and dedicated drive-through lanes. Sunnking collects an average of 100 tons of electronics per event.

2020 Erie County Household Hazardous Waste Dropoff Vouchers

Future Household Hazardous Waste Collection events will be posted at erie.gov/recycling. A limited voucher program for residents to use to dispose of your HHW at your convenience is now available. Erie County has contracted with Hazman to provide vouchers that allow residents to bring up to 50 pounds of HHW to Hazman at no cost to you. The voucher program will also require a reservation which you can make via the Hazman website or the HHW hotline. Visit for [info](#).

Public Comment Period Open for Proposed Stream Activities General Permit

DEC proposes to issue a statewide general permit for various activities in state-regulated streams, navigable waters, and wetlands. The Stream Activities General Permit (GP-0-20-002) is proposed to be issued for a five-year term in response to the ongoing need for affected property owners to stabilize stream banks, repair culverts, and bridges, repair utility lines, and undertake other routine projects within regulated NYS waters. The draft General Permit containing the full description of proposed authorized activities, terms, and conditions is available for review on DEC's [General Permit webpage](#). Comments must be submitted by **November 9, 2020**.

Delaware Park Tree Scavenger Hunt

Challenge yourself to learn more about different tree species. There are 13 trees featured in this TREEventure! The following are 2 ways to begin exploring. To learn the characteristics of each tree, scroll down. You can either do it [online](#) with the link or print out a [downloaded map](#).

Clean Energy Communities Program

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

Buffalo Outer Harbor BioBlitz

The Pollinator Conservation Association is conducting a fall 2020 BioBlitz on the Outer Harbor. Led by Jay Burney, the group is using [inaturalist.org](https://www.inaturalist.org) as the citizen science platform which you can use to post pictures and observations. Any posted observations that take place within the borders of the project which includes Times Beach, Tiff Nature Preserve, the Union Ship Canal, and all of the ECHDC and State Park lands on the outer harbor, will automatically be included in the project. You can also specifically join the project as a member which would be ideal. The idea is to create an inventory of flora and fauna on the outer harbor using citizen science." The BioBlitz runs through **December 1, 2020**. any questions you can contact jay at: greenwatch100@gmail.com.

Become a Water Reporter

Water Reporter is an app created for citizen scientists to share their valuable findings with local experts. Report water pollution, plastic debris or any interesting aquatic/shoreline biodiversity. Download the free Water Reporter App to your smart phone or tablet. * [Apple](#) ,* [Google Play](#) or Computer Version – <https://www.waterreporter.org>.

“Kiss the Ground”: New Film Looking at Soil as a Climate Change Solution

A cure for climate change starts with a simple solution right under our feet. “Kiss The Ground” is now streaming on Netflix, and an exclusive Live Q&A with Gisele Bündchen, Woody Harrelson and Ian Somerhalder, plus the filmmakers, farmers and activists behind the regenerative movement, is right [here](#).

NYSERDA Green Jobs Green New York Energy Studies

Small businesses and not-for-profit organizations can now receive an energy study **AT NO COST** to help them identify opportunities to make their buildings more energy efficient. The energy study is a valuable tool to understand how to reduce energy usage and costs in your facility, and it provides a “road map” to plan for improvements that can be made as budgets permit. *NYSERDA is waiving the fee for a limited time.* Small businesses with 100 or fewer Full-Time Equivalent Employees (FTEs) company-wide or not-for-profit organizations of any size are eligible for the program. 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. Note: A small business or not-for-profit who had a prior NYSERDA energy study is eligible for the program if their study was performed at least three years ago. This is a great opportunity to obtain updated information at no cost to you! For more information call Michelle Wooddell at 1-888-338-0089 or email info@NYEnergyStudy.com.

Rust Belt Harvest

Rust Belt Harvest is an organization that harvests and distributes surplus urban fruit and vegetables in the Buffalo area. If you are a farmer or homeowner with excess, we can glean your surplus. Rust Belt Harvest has liability insurance and will train volunteers. Surplus is donated. If you're interested in volunteering, donating a crop (homeowners and farmers) or supporting Rust Belt Harvest, please email info@rustbeltharvest.org or visit www.rustbeltharvest.org.

Climate Pledge Friendly: Amazon Helps Customers Identify Sustainable Products

The Green Electronics Council (GEC) is participating in Amazon’s Climate Pledge Friendly, a new program to help make it easy for customers to discover and shop for more sustainable products. Customers will now see the Climate Pledge Friendly label when searching for more than 45,000 products to signify that the products have one or more of 19 different sustainability certifications that help preserve the natural world. Amazon evaluated hundreds of external sustainability certifications and chose organizations that certify products that have demonstrated environmentally-related sustainability benefits. GEC is proud to be one of the third-party entities offering Climate Pledge Friendly products. The selection for Climate Pledge Friendly includes grocery, household, fashion, beauty, and personal electronics products, as well as other items from a range of categories—from brands such as Burt’s Bees Baby, Honest Company, and Seventh Generation, among others. For detailed information on the program qualification criteria and to start shopping for these products visit: <http://www.amazon.com/ClimatePledgeFriendly> or look for the [Climate Pledge Friendly badge on qualifying products](#).

Online Course on Organic Farming Offered

[Basics of Organic Farming](#) is a self-directed online course for beginning orchard and vegetable-crop farmers, existing organic farmers, and farmers in transition to organic production. This course is a joint effort of the Organic Farming Research Foundation (OFRF) and others. It consists of six modules: 1) soil health; 2) weed management; 3) irrigation and water management; 4) insect pest management; 5) disease management; and 6) economics and marketing. The first two modules are online, and OFRF is asking for farmer feedback to help develop the remaining modules.

Creating Warm Floors with Modular Recycled Rubber Panels

Launched by local entrepreneur Gary Hydock more than six years ago, the floating modularly designed panels not only provide a moisture barrier but can be installed over an undulating surface such as concrete without any mechanical attachment. From idea to finished product, the six-year journey included testing, certification, patent applications, and contractor-approved demonstration projects to bring the panels to market. Today, Hydock's Salamanca, NY-based company Seneca Radiant Technology (SRT) and its products are Green Spec® listed, qualify for LEED points and are sourced by contractors, residential home owners and commercial developers for new build, remodeling and restoration projects. Read [more](#).

Paint Product Stewardship to Begin in 2021

[New York Paint Stewardship Act](#) recently became the fifth product stewardship program established in NYS, after more than five years of persistent education and advocacy. In 2019, NYPSC worked in tandem with PSI, the American Coatings Association (ACA), and Citizens Campaign for the Environment (CCE) to lead a coalition of 43 local governments, municipal and industry associations, and other environmental groups urging the [passage of paint stewardship legislation](#). The program, which will be managed by industry-run nonprofit [PaintCare](#), is expected to launch in early 2021 and will offer hundreds of conveniently located drop-off locations throughout the state. New York is the 11th state (in addition to the District of Columbia) to adopt this program.

NYFOA Joins Audubon's Harvests for Habitat Project

New York Forest Owners Association has agreed to help Audubon New York promote its [Harvests for Habitat Project](#) in the Upper Delaware Watershed. Harvests for Habitat is a collaborative partnership between Audubon, [Watershed Agricultural Council](#), and [New York Tree Farm Program](#) that enables bird habitat improvements through active forest management and financial incentives. The program encourages timber harvests that would create or renew habitat for at-risk bird species, such as the Wood Thrush, Cerulean Warbler, and others. The program seeks to work with professional foresters, loggers, and forest landowners interested in improving forest habitat through a harvest before November 2020. To learn more, visit [Harvests for Habitat Project](#).

Funding Available for Job Training in Energy Efficiency and Clean Technology

NYSERDA's On-the-Job Training (OJT) for Energy Efficiency and Clean Technology program provides wage subsidies to eligible businesses to reduce the financial risk of hiring and training new workers, while developing job skills for new workers in energy efficiency and clean technology businesses. NYSERDA is working closely with the New York State Department of Labor (NYSDOL) to deliver this OJT program. NYSDOL will assist eligible businesses with developing OJT training plans as well as assessing necessary skills and available workers that match those skills. Incentives will be provided to businesses that hire workers for OJT enabling new workers to obtain clean energy field experience that cannot be gained by classroom training alone. All incentives, maximum funding amounts (i.e., caps), and COVID-19 specific provisions are subject to change on 12/31/20. For the Summary of Revisions and all Associated Documents Visit [PON 3982 Solicitation Detail Page](#).

Fabric Coating Created that Prevents Viral Adhesion

University of Pittsburgh researchers have created a washable textile coating that repels liquids, such as blood and saliva, and also prevents viruses from adhering to its surface. The liquid- and virus-repellent coating is made with polytetrafluoroethylene (PTFE, the same polymer that makes Teflon nonstick) and polypropylene microfibers. Unlike some existing coatings, the team feels that their material will be stable through washing and more durable. For more, <https://www.fastcompany.com/90505641/this-coating-makes-viruses-slide-right-off-fabric>

Bike-Friendly Business Certification

Bike Friendly New York (BFNY) is a certification program that recognizes businesses and establishments that accommodate bicycles and the people that ride them. To get certified, review requirements at www.ptny.org/bikefriendly, fulfill required criteria, and apply for review. Certified businesses can promote on their website and display on windows and other promotional materials.

Buffalo Food Waste Diversion is Available Year-Round

The City has tested and is launching year-round collection of food waste in an outdoor collection bin at Elmwood Avenue and Bidwell Parkway. Food scraps will be transported by Natural Upcycling to Buffalo River Compost. Since June 2019, over 1000 people have participated in the “Scrap it” program with six summer locations available for drop-off. Acceptable materials are fruits and vegetable scraps, coffee grounds and filters, egg shells, tea bags and nuts. For more info, visit www.buffalorecycles.org.

Buffalo Bike Tours: Bike There Self-guided Rides

Buffalo Bike Tours is launching **Bike There!**, a series of self-guided bike rides of Buffalo, to keep you active in the Covid-19 crisis. This content is available to everyone free of charge during these challenging times, to promote exercise, celebrating our great city, and instilling social distancing. [DOWNLOAD SELF GUIDED TOURS HERE.](#)

Solar-Powered Heritage Carousel

A solar-powered historic carousel had planned to open Summer 2020, but the pandemic delays have shifted the grand opening to spring 2021. The Buffalo Heritage Carousel, Inc. is nearing completion of the restoration of the 1924 Spillman carousel which features 34 hand carved and painted animals and 3 chariots. The Canalside building which will be its future home is currently under construction. 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 2019 and construction will continue when allowed. For info, visit <http://buffaloheritagecarousel.org/>

New Continuing Education Opportunity: Nature and Human Health

Exercise is Medicine® (EIM) partner Park Rx America, in collaboration with the USDA Forest Service, recently produced a first-of-its-kind continuing education activity on nature and human health. Designed specifically for health care practitioners, the course summarizes the evidence for nature and human health and demonstrates how to incorporate nature-based interventions into daily practice. The course is FREE for anyone to watch and provides even more reasons to help your patients be active in natural surroundings. <https://parkrxamerica.org/continuing-education/>

Lead Pipes in your House? Get a Free Water Test

If you have determined your home has a lead service line, there are resources at your disposal. [\(If you missed our last alert on how to determine if you have a lead pipe, click here\).](#) Getting your water tested is an important next step to learn how much lead might be currently leaching from your pipes into your drinking water and the risks to your home. To receive a free lead testing kit through the mail, call (518) 402-7650 or [submit an online form to the NYS Department of Health](#). Once you receive your test results, we recommend that you inform your local water department and learn what options are available to help replace lead pipes. Check this [factsheet](#) to learn how to protect your household.

Living with Wildlife-Webinar Presentation by the Cary Institute

Explore New York State wildlife, their ecological roles, and the threats they face in a recorded webinar by the Cary Institute. This session's topics include: techniques to enhance wildlife populations, cost-sharing opportunities with the USDA's Natural Resources Conservation Service, best practices to prevent wildlife damage. View it [here](#).

New Girl Scout Patches about Wildlife and Biodiversity

The Center for Biological Diversity is partnering with the Girl Scouts of Western New York to offer two new patches that will allow girls to explore local wildlife, threats to biodiversity and actions they can take to protect the wild. The [Healthy People, Healthy Planet patch](#) will be offered this winter and the Conscious Consumer patch will launch in the spring. Both programs have been adapted for virtual participation to ensure a safe, engaging experience. *Here's one thing you can do:* If you're involved with your local Girl Scouts and would like to find out how to add these patches to your troop's program, email [Sarah Baillie](#).

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](#).

Biodegradable Air Filter Designed

A new air filter made from 90% natural and sustainable materials and 100% biodegradable filter materials, *briiv* is the most sustainable natural air purifier available. With its patent pending combination of four natural (moss, coconut fiber, activated carbon and wool) and fully biodegradable filters, when these filters reach the end of their lives they can be discarded or preferably composted and will break down fully within 3-4 months, creating no landfill waste. *briiv* can filter a standard 4m x 4m room in under 30 minutes and is very affordable. Read [more](#).

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!

Spotted Lanternfly Look-alikes Alarm Residents

The spotted lanternfly has been seen in New York, so residents are asked to look for the invasive. It feeds on lots of important New York plants, such as apple trees and hop vines as well as the introduced Tree of Heaven. The insect can be confused with several other similarly colored insects so a poster is now available to make it easier. Be sure to share [our new SLF poster](#) to help your friends and family know what to look for. If you believe you've seen the invasive spotted lanternfly, please send a photo and the location to spottedlanternfly@agriculture.ny.gov.

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>

***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.

Bee Better Certified: A Farmer's Guide

Bee Better Certified™ is the gold standard of pollinator-focused farm certification programs. Developed by the Xerces Society, the world's largest science-based pollinator conservation organization, Bee Better Certified builds upon nearly two decades of on-farm habitat research and development. Certification is available to all producers of fruit, vegetable, and commodity crops. This [brochure](#) offers an overview of the program, certification standards, and the certification process. If you would like further information, please see beebettercertified.org, or contact us at (503) 232-6639 or info@beebettercertified.org.

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.

DEC Acquires 525 Acres in Western New York For Wildlife Management

The New York State Department of Environmental Conservation (DEC) announced the recent acquisition of 525 acres in the town of North Collins, Erie County, to create the Clear Lake Wildlife Management Area (WMA). The land offers hunting, fishing, trapping, wildlife viewing, and other recreational opportunities and becomes the largest State-owned WMA in Erie County. The Clear Lake WMA includes the Clear Lake Reservoir, a 43-acre lake offers excellent wildlife viewing opportunities and provides important habitat for turtles, salamanders, and waterfowl such as Canada geese, wood ducks, and mallards. The lake was constructed in the 1920s for use as a water reservoir for the former Gowanda Psychiatric Center and was later used by the Collins Correctional Facility. Clear Lake WMA can be accessed on the north side of Genesee Road in North Collins, west of Route 75. DEC recently installed two parking areas to improve public access to the site. The parking area located on the lake's east side is designated for use by visitors hand-launching small boats, kayaks, or canoes. Please note that use of trailers is not allowed. [Maps and additional information about Clear Lake WMA](#) can be found on DEC's website.

Farming with Nature is the Solution

Check out a [video](#) for a vineyard that finds ways to support birds in its practices. Their actions support essential services for their vineyard like pest control from birds. Barn Owls are encouraged with nest boxes, and hawks with perches, keep Sharpshooter numbers down. About 80% of the land is conserved in vegetative habitat—native oak woodlands, grasslands, and chaparral—which provide other food sources for the birds to feed their young during nesting season, and to feed themselves other times of the year.

Help your Yard to Capture Carbon

American lawns account for about 2% of all the land area in the continental U.S.—and while that grass does absorb some carbon dioxide, it's not as much as other plants. Lawns also require a lot of upkeep, and can end up having a bigger carbon footprint than what they sequester. A company is launching a Kickstarter for a new item that aims to remove some of the negative externalities of lawn care by making your yard absorb extra carbon, via the power of mycelium, the thread-like feeding structures of fungi. NetZero is making “yard bombs” which you dissolve when you water your lawn; the orb inoculates your yard with fungi known to capture atmospheric carbon. One inoculation lasts 10 years and allows the average-size American yard, which is about a quarter acre, to absorb a ton of atmospheric CO₂ every year. If every lawn used a NetZero mycelium ball, founder Joseph Kelly says, we could go from 650 million tons of carbon captured by our yards every year to 1.3 gigatons. Read more [here](#).

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](#).

The Promise of Biomimicry: Resilient Design in a Climate Impacted World

The Biomimicry Institute recently released this new [film](#) that introduces biomimicry as a way of living for everyday people and as a pathway for design inspired by nature. Co-founder Janine Benyus walks us through the emerging discipline that takes wisdom from the natural world to transform it into human design. Up-and-coming companies share their vision and inspiration, and viewers are poised to ask how nature would solve a problem.

Pollinators Under Pressure

This [film](#) produced by Tree Media looks at the plight of pollinators around the world and the actions we can all take to ensure their survival, and that of humans and ecosystems everywhere. Narrated by actor and environmental activist Leonardo DiCaprio, this short film features expert voices and diverse points of view from representatives of federal agencies, NGOs, and youth who are working in communities to help residents understand the impact of everyday actions on pollinators and their habitats.

Moving Forward: A Guide for Health Professionals to Build Momentum on Climate Action

Health professionals have an important role as trusted messengers to engage their patients, peers, community, and policymakers on equitable climate solutions. Climate for Health's latest guide, [Moving Forward: A Guide for Health Professionals to Build Momentum on Climate Action](#), provides you with guidance and tools to reduce energy use, to build resilient clinics and health departments, and advocate for climate solutions that prioritize health and equity.

Erie County Launches Farmer-Customer Website

With concern over reducing agricultural waste, Erie County is launching Erie Grown, which will help residents get in touch with local farms to buy products. The website will have an interactive map and will also show farmers markets, U-pick farms, nurseries, wineries and others. Farmers can get added to the map by visiting www.erie.gov/enrolleriegrown. The site is www.erie.gov/eriegrown.

Follow GBUG!

Greater Buffalo Urban Growers is now posting on your favorite social media apps. Follow along to connect with all of the wonderful urban growers in Buffalo. The Grower Gazette features a new producer each week! Find GBUG on Facebook [HERE](#) and Instagram [HERE](#) and get to know your urban farmers!

Decoy Turtle Eggs Help with Illegal Trade

Decoy eggs made by a 3D-printer and fitted with satellite tags have been placed in sea turtle nests on beaches in Costa Rica to track the illegal trade of their eggs. A quarter of the fake eggs put among 101 turtle nests on four beaches in Costa Rica were stolen, with some eggs successfully tracked as they moved from thief to trafficker to consumer. Eggs are often taken from their buried beach nests for sale to restaurants and individuals as a delicacy. The early evidence suggests that the eggs do not travel far from the beaches where they are snatched. One of the fake eggs was taken close to a nearby residential property, another travelled 2km to a bar, while the farthest-travelled went 137km inland, spending two days in transit. This aids law enforcement in finding local ways to reduce the poaching. Read [more](#).

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.

Citizen Science Project Lets You Fight Deforestation from your Couch

Looking for a hands-on way to contribute to conservation? SAS, a systems analysis company, teamed up with the International Institute for Applied Systems Analysis (IIASA) to build an artificial intelligence model that can recognize signs of deforestation and they need citizen scientists to help them do so. In order to “train” the AI to recognize signs of deforestation in satellite images, the program is using dedicated volunteers to sort through images taken from space and look for clues. Citizen scientists who want to participate simply go to [the program website](#) and scan images for signs of human activity like cars, roads, or farm plots. This helps the AI learn where deforestation is being caused by human activity. If you’re looking for a tangible way to contribute to conservation, we urge you to visit [the website](#) today and take part in meaningful citizen science!

Online Birding Tools: Learn more about our Feathered Friends

[BirdCast](#) offers real-time migration maps showing where birds are and in which direction they’re going. Designed by scientists at the Cornell Lab of Ornithology, the site’s forecasts are based on 23 years of radar observations combined with weather forecasts. [eBird](#) shares a citizen science project that claims to have more than 100 million bird sightings contributed each year by members around the world. You can use the site to track specific species or discover birds and hotspots near you. While you might need to wait until next year to use it, [Hummingbird Central](#) features an interactive migration map that includes first sighting data from citizen scientist contributors throughout the US and parts of Canada. In addition to maps, the site shares lots of hummingbird information about these fascinating fliers, such as the fact that a hummingbird’s heart beats up to 1,260 times a minute.

Speaking for the Trees: How You Can Save Our Old-Growth at the College Lodge Forest

The Western New York Land Conservancy presented a webinar on this unique property located in Fredonia, New York. If you missed the presentation, view it [here](#). The property is open year-round for visits so check www.wnylc.org for more info.

Climate Change Solutions Simulator

En-ROADS is a transparent, freely-available policy simulation model that provides policymakers, educators, businesses, the media, and the public with the ability to explore, for themselves, the likely consequences of energy, economic growth, land use, and other policies and uncertainties, with the goal of improving their understanding. The simulation, developed by Climate Interactive, Ventana Systems, and MIT Sloan, runs on an ordinary laptop in a fraction of a second, is available online, offers an intuitive interface, has been carefully grounded in the best available science, and has been calibrated against a wide range of existing integrated assessment, climate and energy models. View it [here](#).

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.

EPA Food Opportunities Map

EPA's Excess Food Opportunities Map identifies and displays facility-specific information for over one million potential generators and recipients of excess food in the industrial, commercial and institutional sectors and also provides estimates of excess food for each generator. The map can be used to inform waste management and food recovery decisions at the local level as well as to identify potential sources of organic feedstocks, infrastructure gaps and alternatives to landfilling. The map may help businesses and organizations identify opportunities for new partnerships to help address changes in the food supply chain. [Find out more about the map and this recent update here.](#)

Understanding Your Carbon Footprint: A How-to Guide for Businesses

What is your carbon footprint? It is a measure of your climate impact. Almost every activity in your day-to-day life causes greenhouse gas emissions. These emissions can be quite obvious, like when you drive a car, or less clear, like those produced to provide a financial service. This [informative resource](#) provides a guide for businesses to better understand and develop a strategy for improving their environmental impact.

Teachers: Get Your Free Climate Superstars Educator Guide!

Are your students Climate Superstars? Then put their skills to the test by signing up for the Climate Superstars Challenge! This 10-day online environmental challenge for grades 6-8 is designed to get kids excited about environmental education and teaches them the value of collaboration. By completing daily tasks related to climate change and energy consumption, your classroom will have the chance to **win a Samsung Flip 2—a 4K UHD digital flipchart!** This year's challenge will take place **October 19-30**, but in honor of EE Week, we're releasing a **Climate Superstars Educator Guide** in May with background information on tasks, suggestions on how to include tasks into lesson plans, and tools to explore topics further. Visit NEEFusa.org/ClimateSuperstars to register for the challenge and receive your free educator guide when it is released.

Teacher's and Home-Schooling Resources

[Short Films to Save the Ocean: Climate Change & the Ocean](#)-Looking for creative ways to bring climate change into your classroom? Bow Seat Ocean Awareness Programs has compiled some of the best student films from our Ocean Awareness Contest archives. Created by youth from all over the world, these short films explore the many ways climate change affects ocean and human health.

[Ocean Acidification](#)-NOAA Data in the Classroom curriculum

[Energy Curriculum](#)-Free online education curriculum on energy.

[Circular Economy Activity](#)-Inspire students to reduce waste by applying a remake, reuse, and recycle model in creating an entirely new product from recycled materials.

[Build Your Own Electric Vehicle](#)-By building their own working model of an electric vehicle, students will learn about the electrification of transportation.

[Dyson's Experiments to teach engineering](#)- 44 experiments.

[K-12 EE Guidelines: Online Teaching Module](#) provides lesson plans, videos/PowerPoint presentations, and handouts ready for you to use in your college course or professional development workshop. It provides a step-by-step introduction to NAAEE's [K-12 Environmental Education: Guidelines for Excellence](#). The module begins with a general welcome session, and then moves into an investigation of environmental literacy and the K-12 Environmental Education Guidelines. Finally, participants complete an Environmental Literacy Self-Assessment and create their own professional development plan.

[Investigating Seasonal Temperature and Precipitation Patterns](#)-Students interpret and organize temperature and precipitation data into tables, plot graphs, and compare the data across different locations and times of the year. They look for patterns and support claims about temperatures and precipitation across different seasons and locations.

[Point of No Return Educational Experience](#)- uses the award-winning documentary, *Point of No Return* - the inspirational inside story of the first solar powered flight around the world for hands-on, inquiry-based, environmental STEM curriculum for upper elementary, middle, and high school students.

[H.O.M.E.School Activities](#) are available from the Alliance for the Great Lakes,

[Great Lakes Ecosystem Education Exchange](#) for more information on Great Lakes issues, lesson plans, and organizations in your area to connect with.

[Caregiver Resources While at Home: Surviving at Home with Youth](#). This page has DEC-created lesson plans, DEC YouTube links, Tips to Help Caregivers Transition to Remote Learning, Professional Development Opportunities for Educators, loads of online resources from places around the state and the world (NY Botanical Garden, National Wildlife Federation, American Museum of Natural History, the Wild Center, Cornell Lab of Ornithology, and WXXI, Greater Rochester's PBS channel). There are two databases of community science projects and what community science is, along with a long list of live animal cams to visit and Zoos and Centers offering Facebook content weekly or daily. Then, head over to DEC's [Quick Family Activities](#) for ideas that can be done indoors or outside.

[Green Chemistry Resources](#)-teach students about chemistry and sustainability away from the lab.

[iBiome](#)-Environmental Education game-based learning.

[Plastic-Free Future toolkit for Teachers and Parents](#)

[Young Voices for the Planet Civic Engagement and Curriculum](#)- inspirational stories into classrooms across all grades and subject areas. Ideal for ELA, Science, Social Studies and Civics classrooms with lessons available for 3-5, 6-8 and 9-12.

"Bee-ing There for Bees," chapter 6 from [It's Still Debatable! Using Socioscientific Issues to Develop Scientific Literacy](#). Students will engage with literature about bees before investigating honeybee behavior and then working together on an engineering design challenge. As they construct a bee hotel for mason bees, students plan out ways to help their community learn more about the importance of bees and other pollinators and factors that impact their habitats.

[The National Wildlife Federation's Lesson Plans and Webinars](#)

[Carbon Sequestration in Campus trees](#)-In this activity, students use a spreadsheet to calculate the net carbon sequestration in a set of trees; they will utilize an allometric approach based upon parameters measured on the individual trees. They determine the species of trees in the set, measure trunk diameter at a particular height, and use the spreadsheet to calculate carbon content of the tree using forestry research data.

[Audubon Adventures for Grades 3-6](#)

[Free environmental education resources](#) for Earth Day to help you organize your own environmental teach-in in your community!

[Sea Bear: A Journey for Survival](#)-The purposes of this S.T.E.A.M. based mobile project are to learn about the Arctic, practice research skills, build scientific communication skills, use fine motor skills, and encourage science, ocean and climate literacy.

[Interactive Website on Marine Life](#)-keep scrolling down until you hit the ocean floor to see/sea what lives at various ocean depths

[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.

[The Nature of Teaching](#) includes formal standards-based curricula and informal activity-based curricula all centered around getting youth outside. The three program areas of the formal curricula include: Wildlife, Health and Wellness, and Food Waste. Each program area provides standards-based lesson plans free as a downloadable PDF. Lesson plans are classroom ready for grades K-12.

[Go Bats for Bats with Project Learning Tree](#)

[Marine Activities, Resources & Education](#)-Tap into your students' natural curiosity about the ocean to teach important science concepts while addressing Next Generation Science Standards!

[Exploring Sustainability in the Classroom](#)-will make your safari toward a sustainable school and world an enjoyable journey.

[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.

[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.

[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.

Contests and Awards

[Virtual 6MBS](#)-If you would like to submit a new 'Quarantine Edition' 6Mbs video to us, we would love to see it! Feel free to be creative with it, as long as it's connected to architecture in some way. Do you have a dog house in the shape of the Empire State Building? Give us a tour! Stick to the time limit of six minutes, but there is no need to talk to PowerPoint slides. If interested, email us at info@buffaloarchitecture.org for info. Deadline: **November 15th**.

[Cool Congregations Challenge](#) recognizes and rewards faith communities for climate-friendly stewardship of congregational properties, and for inspiring your local community to work for climate justice. Does this sound like your congregation? If so, tell us about it and enter to win \$1,000 in the 2020 Cool Congregations Challenge, Interfaith Power & Light's annual contest. Projects can take place inside the worship space or other buildings, on the grounds, in congregants' homes, or in the community. Deadline: **December 15**.

[No Time To Waste](#)-EarthX challenges you to inspire others through your artwork to become good stewards of our planet. Raise awareness about the environmental issues important to you and move others to take action. Contest open to youth ages 5-22 and deadline is: **January 25, 2021**.

[Free K-12 Science Competition for Students and Teachers](#)- The Toshiba/NSTA ExploraVision competition challenges K-12 students to envision a future technology while engaging in *Next Generation Science Standards*. Inspire a lifelong love of STEM and discovery in an engaging, hands-on way! It's not too late to register your teams. Deadline for project submissions is **February 8, 2021**.

[Ocean Awareness Contest](#)- Students ages 11-18 from around the world are invited to participate in the Ocean Awareness Contest. Deadline: **June 14, 2021**.

Grant and Scholarship Opportunities

[Northern New York Agricultural Development Program](#) is accepting applications for its small grants program for 2021-2022. Funds will support projects that focus on research, education, and technical assistance in support of the agricultural production sectors in a six-county region. Approximately \$300,000 will be provided. A list of research ideas is available online. Deadline: **November 2**.

[Annie's Grants for Gardens](#)-Public and private schools and nonprofit organizations can apply for school garden grants for edible gardens at schools in the United States. Schools can purchase any equipment appropriate for the garden with the grant funds, such as plants, seeds, raised beds, fencing, wheelbarrows, greenhouses, and drip irrigation systems. Deadline: **November 2, 2020**.

[Green School grant program](#) is to provide funds to rejuvenate existing programs, or to develop new programs centered around the 3 R's (reduce, reuse, recycle). Awards are given twice yearly; this is a competitive grant so new, innovative ideas, imagination, ingenuity and initiative are highly valued. For each round there is a limited pool of available funds and not all projects may be awarded, up to \$1,000. Deadline: **November 8**.

[IPM Partnership Grant](#)- Funded projects are expected to contribute significantly to the adoption and/or development of Integrated Pest Management. Deadline: **November 12**.

[The Recycling Partnership Polypropylene Recycling Grant Program](#)- Deadline: **November 30**.

[Great Lakes Restoration Initiative \(GLRI\) Cooperative Weed Management Area \(CWMA\) Grant Program](#). Approximately \$850,000 will be available. The goal of this program is to detect, prevent, eradicate, and/or control invasive plant species to promote ecological resiliency, watershed stability, and biological diversity in the Great Lakes Basin. Deadline: **December 11, 2020**. Informational Webinar will be held **October 22, 10:00 am Eastern/9:00 am Central**. [Click to register and receive connection information](#).

[YSA Afterschool Grants](#) of up to \$500 each to support youth-led service or service-learning in afterschool programs. Grants are offered on a competitive application basis and open to any afterschool program that engage at least **50 youth as volunteers** in service or service-learning projects between December 2020 – May/June 2021. Deadline: **Friday, December 4th**

[Interventions and Communication Strategies to Reduce Health Risks of Wildland Fire Smoke Exposures-](#)
This is the initial announcement of this funding opportunity. Deadline: **December 15.**

[Hershey Heartwarming Project Action Grants](#) - Youth ages 13-17 in the U.S. and Canada can apply for a \$250 grant. The Hershey Heartwarming Project Action Grants help schools and youth groups in their effort to increase connection, emotional and mental well-being and empathy in the community. Deadline: **December 31.**

[National Priorities: Evaluation of Pollutants in Biosolids-](#) The U.S. Environmental Protection Agency (EPA) is seeking applications proposing research that will provide the best available science needed to support states, municipalities, and utilities in determining potential risk from pollutants found in biosolids and developing standards and policies for biosolids management. Research under this RFA is intended to address multiple treatment scales including large publicly owned treatment works and medium- to small-scale wastewater treatment facilities. Deadline: **January 5, 2021.**

[Community Visioning for Vacant Land following Flood Buyouts in New York.](#) The objective of this award is to support a community visioning process for vacant land in New York communities where flood buyouts (i.e., managed retreat) from coasts or floodplains has occurred. The award is to foster relationships among decision-makers and citizens and provide a forum for a wide variety of community voices to create a shared vision for repurposing the vacant land so that it can provide social and ecological benefits following retreat from flood-prone areas. For a copy of the RFP- lisa.fascill@tnc.org. Deadline: **January 8, 2021.**

[Building Resilient Infrastructures and Communities Grant](#) - The Federal Emergency Management Agency (FEMA) makes federal funds available to states, local communities, tribes and territories (SLTTs) for pre-disaster mitigation activities. FEMA has published a Notice of Funding Opportunity (NOFO) for the BRIC grant program which should be reviewed before applying. Deadline: **January 29, 2021 @3pmEST.**

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

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

[The 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-](#) to advance recycling in communities by offering financial and technical assistance to support the implementation of cartbased curbside recycling. 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.**

[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.**

[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.

[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).

[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.**

[Food Waste Grants](#) - will provide reimbursement to businesses that generate over one ton of food waste per week to offset 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 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.**

[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.**

[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. **Deadline: Rolling.**

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

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

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

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

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

[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.

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

[Technical Assistance Grant Information](#)-The New York State Department of Environmental Conservation (DEC) is continuously accepting applications for Technical Assistance Grants (TAGs). TAGs are a citizen participation tool

available to eligible community groups to increase public awareness and understanding of remedial activities taking place in their community. Eligible community groups may apply to receive grants for up to \$50,000 per site.

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

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

[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**.

Employment and Internship Opportunities

[New York Forest Owners Association Executive Director](#)- This seasoned leader not only understands the key elements of sound forest management techniques for the private woodlot owner, but has proven experience translating a vision into practical applications, accessible to our membership. Above all, the executive director will be comfortable in a leadership role that demands clear communication and decisiveness. The executive director will have a contractual relationship with NYFOA, provide their own office space and equipment, follow a flexible work schedule, and commit to a minimum of 1,000 dedicated hours per year to NYFOA activities. All approved travel expenses related the job will be covered by NYFOA. Deadline: **October 15 or until filled**.

[Chief Development Officer-Buffalo Society of Natural Sciences](#)- responsible for the strategic management, oversight and implementation of all fundraising efforts of the Buffalo Museum of Science and Tiff Nature Preserve.

[Director of Communications & Strategic Initiatives](#)- will directly supervise the work of PUSH Buffalo's Communications Specialist and Web Development and Interactive Design Specialist, while providing overarching strategic direction to PUSH's communication work across departments in service of the organization's mission and specific campaign, programmatic, and project goals. Deadline: **November 6, 2020**

[Organizing Director](#)- will supervise and manage those within the Organizing Department of PUSH Buffalo, which includes Housing, Climate Justice and Field Organizing, Data and Logistics Coordinator, Tenant Advocacy, and Street Team and Youth Action team staff in order to build power for a Just Transition. The Director of Organizing will develop, utilize, and evaluate a variety of education and base building tools to build critical consciousness and core competencies of PUSH staff, members and stakeholders that enable them to meaningfully engage in PUSH issue campaigns, programs, and projects. Deadline: **December 11, 2020**

[Paid Internships in the Energy Sector in NY](#)- By participating in New York State's Clean Energy Internship Program, you will gain hands-on experience in the growing clean energy sector as either a part-time or full-time paid intern in one of many potential roles. Through the program, you'll get the opportunity to work at companies that are helping combat climate change including energy efficient product manufacturers and installers, wind and solar developers, and even businesses that work in the alternative transportation sector such as electric vehicle and charging station companies.

[Program Manager \(Full-time\) Grassroots Gardens of Western New York](#), Inc. is a dedicated group of community gardeners and activists. Our mission is to share knowledge, power and resources to grow healthy food, heal systemic harm, and strengthen neighborhood connections through community gardens.

[Compost Operations Manager](#)- Full-time. EcoVerde Organics seeks candidates to fill FT role of Compost Operations Manager. Key responsibilities: 1) Plan, manage, and supervise the compost operation, including waste/feedstock collection, hauling and depackaging; 2) Operate heavy equipment and vehicles; 3) Supervise crew, ensuring safety; 4) Record keeping and scheduling; 5) Perform other duties as assigned.

[Director of Community Development](#)-The Director of Community Development leads PUSH Buffalo's efforts to create high-quality affordable and sustainable housing for low income households, and community development projects that advance economic justice. The Director works with the PUSH Executive Team and other PUSH staff to grow and manage our existing housing portfolio. As a member of the senior team, they collaborate with other leaders of our organization on programs and policy activities.

[Housing Justice Organizing Manager](#)- run and win campaigns for housing justice that centers the lived experiences and leadership of community members in Erie and Niagara County, with specific attention to the city of Buffalo. The Housing Justice Organizer will create and facilitate PUSH's Housing Justice Campaign Team where leaders will receive intentional leadership development, political education, skills training and practice self-governance and democratic decision-making processes. As of 2020, the Housing Justice Organizer will work on local (Tenant Power and Our City Builds), state (Upstate/Downstate Housing Alliance) and national (People's Action Homes Guarantee) housing justice campaigns and coalitions.

[Senior Community Development Project Manager](#)- work on creation of new affordable housing developments and management of community development programs The Senior PM will also partner with the Director of Planning and Community Development to focus on new projects, new business lines, and the existing pipeline. BNSC's current work includes a variety of residential and commercial projects from small residential rehabilitations, to a sustainable mixed-use workforce training center, to infill and new build development. BNSC and PUSH's current portfolio of affordable housing includes over 100 units of affordable housing on several sites, 11 units currently under construction, and approximately 53 units of supportive and affordable housing in pre-development.

[Deputy Director for LISC](#)- Full time.

[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

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

[Earth Challenge 2020](#)

[Bumblebee Watch](#)

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

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

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

[Citizen scientists: Help with BioBlitz on Buffalo's Outer Harbor](#)- Be a citizen scientist and help the Pollinator Conservation Association with its BioBlitz through Dec. 1 on the Outer Harbor in Buffalo. Help to discover and identify flora and fauna there to improve conservation planning for future projects.

[Other Citizen Science Programs](#)

Upcoming Community Activities:

****Many in-person scheduled events are still canceled or may be announced if situations improve. Updates for any new events will be posted to www.daemen.edu/enviro-news, if restrictions to events are lifted.**

Saturday, October 31

Halloween Owl Walk -9pm. Spend Halloween night on a guided walk while learning about owls! Reinstein Woods Nature Preserve, Depew. Registration required, call 716-683-5959 to register.

Ornithological Field Trip:- Lake Ontario Plains-Location: 3949 Lockport Olcott Rd, Lockport, NY 14094 ([map](#)). **Weather Date is Sunday 11/01/2020**. Meet at 8 AM at Tops Market in Wright's Corners. This is on the east side of Route 78 and Route 104, north of Lockport. Leader: Willie D'Anna (716) 751-3637 or dannapotter@roadrunner.com. This trip is a car caravan of sorts, plying the rural roads of Niagara County in search of late fall migrants. Every year is different, but with all of the fields and open space habitat we will check, it is reasonable to see Northern Harrier, American Kestrel, and possibly early winter arrivals such as Northern Shrike and Rough-legged Hawk. Horned Larks should be added to the day's list as well. A few stops along the Lake Ontario shore lookouts should produce Horned Grebe and several species of scoters and other diving ducks.

Sunday, November 1

A Stroll at the Park- 10 to 11am or 2 to 3pm at [Reservoir State Park](#). Welcome November with open arms as we travel the accessible path around Reservoir State Park. *Call (716) 282-5154 to register for either program.*

Ranger-led hikes- 9 a.m. Sundays in Erie County parks. Each week a ranger will lead a 2-3 hour exploration with the intent of getting off the main trails and exploring some new trails. During these hikes you can expect to get out and moving, to learn some new trails & hiking safety tips, and although these aren't intended to be a traditional nature hike, the rangers can't stop talking about the natural world, communities, species and features they come across. Mask use is required and participation is limited to 25 hikers per hike. Visit [Ranger-led hikes](#) to register and find meeting location.

Monday, November 2

"Advances Sustainable Urban Drainage Systems and Green Infrastructure"-11am. ASCE Women-Water Nexus presents Panelists: Zhendou Zhu, PhD, Assistant Professor, UB, Meghna Babbar-Sebens, PhD, Associate Professor, Oregon State University, Lian Lundy, PhD, Professor, Lulea Technical University, Sweden. Registration link: <https://tinyurl.com/y65bpyae>

Tuesday, November 3

Election Day- If you haven't voted early or by absentee, get to the polls.

Fall 2020 Virtual IMAGINE Series- 12:30 to 1pm. Speaker Schedule at <https://tinyurl.com/y33n75jc> Web link for all IMAGINE programs. <https://us02web.zoom.us/j/85839766406>, most Tuesdays.

Making Bird Connections: Virtual Lecture Series-7pm. Each week, Hog Island Audubon Camp features bird-focused talks followed by a connection to our organization's broader conservation work. The Making Bird Connections lecture series will be hosted over Zoom and live streamed to Facebook every Tuesday night at 7:00 p.m. ET until November 17. [Join us](#) for an "Introduction to Birding" talk with Hog Island instructor Holly Merker and government affairs coordinator Tykee James.

Free Bike Repair-4 to 6pm. Join GOBike on Election Day at Lafayette Square for complimentary bike repair. Bring your bike, and we'll do our best to help get you moving again. Independent Health sponsors our community mobile repair; thank you for supporting biking in our region! Lafayette Square is located at 415 Main St, Buffalo, NY, 14203. Look for our blue GOBike tent.

Wednesday, November 4

GBNRTC - PCC meeting- 9:30AM via Zoom Meeting: [link](#), Meeting ID: 941 473 6255
Passcode: 812754, Or By Phone: +1 (929) 205 6099

Conversations in Science: Buffalo-based Research- 6:00 PM - 7:00 PM. Speakers: Dr. Tim Murphy & Terry-Ann Smith. Clinical and Translational Research Center, University at Buffalo. Description: Just how does a vaccine get approved? What is the process for testing and rolling out new medical treatments and what role does the average person play in medical research? Join us for a conversation on medical research right here in Buffalo with Dr. Tim Murphy, Director, and Terry-Ann Smith, Research Facilities Manager, of the Clinical and Translational Research Center at University of Buffalo. To submit questions in advance, please email ggraham@sciencebuff.org. Cost: Free! Register in advance for Zoom link. [Purchase Tickets](#)

Thursday, November 5

"Pub" talk on Science Topics-7:30pm online every other Thursday. Different topic each session. [Register](#).

Driving Recycling Markets - Introduction to the Government Recycling Demand Champion Program- Webinar at 5, 2 pm eastern - [Register here](#)

"Invasive Agricultural Pests and Diseases: European Cherry Fruit Fly and Plum Pox" - 2 to 3 p.m. Lynn Evans-Goldner, National Policy Manager, USDA APHIS PPQ will discuss the 20-year fight against plum pox virus in the U.S., how it was eradicated from Pennsylvania, Michigan, and New York, and next steps in the management of plum pox virus. Corey Bazelet, National Science Program Coordinator – Fruit Fly Programs, USDA APHIS PPQ will discuss the European cherry fruit fly, a pest of cherry and honeysuckle that was first found in Niagara County in 2017. This presentation will also discuss the collaborative efforts to control this pest and future outlook on its management. [Join via computer](#); Meeting Code: 130 709 2758, [Facebook Event Page](#)

Building Pollinator Habitat in Towns and Cities: Great Lakes Region-1pm webinar. Join Karin Jokela, Farm Bill Pollinator Conservation Planner, as she takes a closer look at the needs of pollinators in the Great Lakes Region. Learn what plants pollinators need, how to provide nesting habitat, and what steps you can take to make change in your city. This webinar will be recorded and available on our YouTube channel. Closed Captioning will be available during this webinar. [Click here](#) for more information and to register.

Offshore Wind Youth Advocates Program Listening Session- 5:30pm. [Register](#). NYSERDA is bringing together leaders, activists, and advocates working at the intersection of youth leadership and environmental justice to discuss the future of offshore wind and its implications for local communities.

Volunteers for Weeding and Seed Saving- 3:30 to 5 p.m. Thursday, Nov. 5 at [Pelion Community Garden](#) at City Honors School, 206 Best St., Buffalo. Because the younger students and SLI Interns aren't able to come out to the garden weekly, volunteers are needed to help weed. They will also be saving lots of seeds. Take small paper bags or envelopes if you'd like to germinate some yourself. They have plenty of room to spread out and tasks all over the garden—you can work alone or with your friends. Please wear a mask that is comfortable for outdoors. Bring some rubber cleaning gloves or ones with little rubber nubs/palms so you can grip the weeds tightly. They can share sunscreen spray; please take a sunhat/cap and/or your favorite water bottle.

Good Vibes and Good Times-The Buffalo and Erie County Botanical Gardens is offering a new online workshop from 6:30 to 7:30 p.m. Join Courtney Elle of Elle James to learn about the benefits of smoke cleansing and create your own floral and sage bundle. Smoke cleansing is native to indigenous peoples and has been practiced for centuries within many countries and cultures around the world. In this virtual class, learn to create your own bundle with ethically sourced blue sage and other herbs to cleanse the energy and bring good vibes to your home. You'll have a chance to ask questions and discuss the purposes and techniques used for the wonderful elements included in your DIY kit while wrapping herbs together in this fun and interactive workshop. This class will be offered via Zoom Meeting. Curbside pick-up for materials will be from 4:30-5:30 pm the day of class. The cost is \$40 for the general public and \$36 for Botanical Gardens members. [Sign up here.](#)

Friday, November 6

Tools, Tips and Tricks to Enhance Invasive Species Education & Outreach During a Time of Social Distancing-1 to 2pm. Raising awareness of invasive species often involves hands-on experiences and in-person events. Success of these engagements are often measured by the number of events held and number of attendees. The COVID 19 pandemic has changed the way we engage with the public and virtual experiences are becoming the new normal. This session will showcase tools, tips and tricks that enhance invasive species education/outreach efforts and strategies in a virtual world. Presenters include Megan Pistolese, *Education and Outreach Coordinator, SLELO PRISM, The Nature Conservancy*, Emily Thiel, *Education and Outreach Program Manager, WNY PRISM*. Please [register in advance](#).

Saturday, November 7

Visualizing Climate Change in Western New York-10am. Explore the impacts of a changing climate and what Reinstein Woods may look like in the future on this guided walk. Reinstein Woods Nature Preserve, Depew. Registration required, call 716-683-5959 to register.

Autumn Tree I.D. Hike-10am to noon at [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.*

Saturday Saunter in Library Woods-1 to 3pm at [Knox Farm State Park](#). Enjoy a slower paced walk to witness the diversity of life found within Library Woods. *Call (716) 549-1050 to register for program.*

Horticulture II-The Buffalo and Erie County Botanical Gardens will host six Horticulture II classes from 11 a.m. to 1 p.m. The fees are \$25 per class or \$150 per series for the general public and \$22.50 per class or \$135 per series for members of the Botanical Gardens. These classes are great for beginners as well as gardeners wishing to brush up on their skills. An optional supply list will be posted online for those who wish to supplement their instruction with hands-on materials. [See details and register here.](#) The classes will be held on Zoom. David Clark, horticulturist & CNLP, will teach. Week's Topic: Getting Started with Hydroponics.

Backyard Birds and Birdfeeders: Part 2-\$15 Non-Members / \$12 BAS Members per session, 3-part series (other dates 11/7, 12/5): \$40 Non-Members/\$30 BAS Members. Part 1 - Join Naturalist Tom Kerr at Beaver Meadow for an introduction to learn about ways to create a bird friendly backyard where birds visit for nesting, feeding, and migratory stopovers. Pre-registration is required. 10AM-12PM. To register call, 585-457-3228.

Meet and Greet with Zelda-2 to 3pm. Join us in the Beaver Meadow Nature Center for a short talk on Eastern Screech-owls with our Screech-owl Ambassador Zelda! Learn about where they live, what they eat, and the adaptations they have for hunting at night. Be sure to bring a camera! Donations gratefully accepted. To register call, 585-457-3228.

Electronics Recycling- Niagara Falls. Brockport-based electronics recycler, Sunnking, is preparing for record crowds during its first electronics recycling collection events since the COVID-19 shutdown. Thousands of people have pre-registered for the initial round of FREE collection sites in Western New York. New health and safety procedures will be in place to ensure a safe environment, including timed appointments, no-contact device removal, and dedicated drive-through lanes. **Sunnking collects an average of 100 tons of electronics per event.** Residents can pre-register at [Sunnking.com/events](https://sunnking.com/events) and find a full list of recyclable devices

Closing the Garden: Volunteers Needed- 10 a.m. to noon Saturday, Nov. 7 at [Pelion Community Garden](#) at City Honors School, 206 Best St., Buffalo. They will be closing the growing beds and performing other tasks related to shutting down the garden for the season: clearing annuals, cutting back perennials, pruning shrubs, weeding and collecting seeds. A final session will be held from 10 a.m. to noon Wednesday, Nov. 11.

Cranksgiving Food Drive-Join Go Bike Buffalo on a bike and food drive. Bring a bike (any bike will do), a bag, a lock, a helmet, and about \$10 to 15 to buy food. The food collected at grocery stores will be donated to Buffalo Food Not Bombs. [Register.](#)

Riparian Planting Help Volunteers-Buffalo Niagara Waterkeeper needs your help. at plantings to restore riparian habitat and protect water! Afternoon shifts are available. All events will follow social distancing guidelines and we ask all participants to wear masks. To ensure everyone's safety, spots are limited. Register today to reserve your spot! [Register.](#)

Sunday, November 8

Ranger-led hikes- 9 a.m. Sundays in Erie County parks. Each week a ranger will lead a 2-3 hour exploration with the intent of getting off the main trails and exploring some new trails. During these hikes you can expect to get out and moving, to learn some new trails & hiking safety tips, and although these aren't intended to be a traditional nature hike, the rangers can't stop talking about the natural world, communities, species and features they come across. Mask use is required and participation is limited to 25 hikers per hike. Visit [Ranger-led hikes](#) to register and find meeting location.

Healing Power of Plants- 10 a.m. to 7 p.m. at the Buffalo and Erie County Botanical Gardens, 2655 South Park Ave., Buffalo. The event encourages visitors to explore the healing power of plants for mind, body, and spirit. Several plant and health-centered community partners will be visiting the Botanical Gardens to share information, provide demonstrations and provide merchandise for sale. Tickets will be available in specific time slots to limit the number of people inside the Botanical Gardens at any given time. Reserve your tickets early. [Get tickets here.](#)

Monday, November 9

Hemlock Woolly Adelgid Training-3:30-4:30 PM. Learn about the invasive species, hemlock wooly adelgid including how to identify it, where it is and what NYS is doing to manage it. Please [register in advance.](#)

Fireside Chat with Scott Tinker, Ernest Moniz, and Robert Stoner- Register now to join this special fireside chat at 1:00 PM. Join the former US Secretary of Energy, Ernest J. Moniz, the Deputy Director for Science and Technology at MIT Energy Initiative, Robert Stoner, and the Chairman of Switch Energy Alliance, Scott Tinker as they analyze our new film *Switch On*. They will highlight key topics addressed in the film and related to MIT Energy Initiative's research. Together, they will change the way you look at energy and the developing world. [Register.](#) Stream the film on [SwitchOn.org](#) and [YouTube](#) prior to the event.

Tuesday, November 10

Virtual Workshop: Make a Reusable Bag-10am. Get ready for America Recycles Day (November 15) by transforming an old T-shirt into a reusable bag. A great family activity! Register online at www.reinsteinwoods.org.

Fall 2020 Virtual IMAGINE Series- 12:30 to 1pm. Speaker Schedule at <https://tinyurl.com/y33n75jc> Web link for all IMAGINE programs. <https://us02web.zoom.us/j/85839766406>, most Tuesdays.

"Prairie Fens in Michigan."-7:30pm. Niagara Frontier Botanical Society. Presented virtually by members of the Michigan Nature Society via Zoom. Visit <https://sites.google.com/a/niagarafontierbotanicalsociety.org/niagara-frontier-botanical-society/news> for link.

Soil Field Assessments: Dairy, Livestock and Field Crops- 5:30 to 7pm webinar sponsored by NOFA-NY. [Register.](#)

Making Bird Connections: Virtual Lecture Series-7pm. Each week, Hog Island Audubon Camp features bird-focused talks followed by a connection to our organization's broader conservation work. The Making Bird Connections lecture series will be hosted over Zoom and live streamed to Facebook every Tuesday night at 7:00 p.m. ET until November 17. [Join us.](#)

Wednesday, November 11

Wednesday Woods Walk-10am to noon at [Buckhorn Island State Park](#). Head out to the woods for a scenic walk through Buckhorn Island Nature Preserve to enjoy the fall season. *Call (716) 549-1050 to register for program.*

The HVAC Factor: Protecting Indoor Spaces From COVID-19- 12:00 -1:00pm Eastern Time. With more than 30 million cases and over a million deaths (as of end of Sep 2020), COVID-19 does not need an introduction anymore. As many states get ready to re-open businesses and schools, it is imperative that building managers, school superintendents and facility managers are equipped with up-to-date HVAC strategies while operating their newly opened facilities. Let's look at some HVAC operation strategies that will help mitigate the transmission of respiratory infections such as COVID-19. [Register Now](#)

Closing the Garden: Volunteers Needed- 10 a.m. to noon at [Pelion Community Garden](#) at City Honors School, 206 Best St., Buffalo. They will be closing the growing beds and performing other tasks related to shutting down the garden for the season: clearing annuals, cutting back perennials, pruning shrubs, weeding and collecting seeds.

Wikipedia Editathon, Gender + STEM online-4:30pm. Hilary Vandebark will be leading the workshop. No experience is needed, come and help give the proper attribution for women and others in the sciences. To rsvp for the Zoom link: <https://bit.ly/STEMWikipedia>

Tips for top quality, high flavor maple syrup-7pm. The Cornell Maple Program is offering free online workshops. Upon registering, you will be directed to a website for downloading course materials, which are made available 2 weeks prior to the Q&A sessions. [Click here for registration information.](#) [Contact Aaron Wightman](#) for questions and additional information.

Thursday, November 12

"Pub" talk on Science Topics-7:30pm online every other Thursday. Different topic each session. [Register.](#)

Penn Dixie Virtual Gala- 7 pm, join us virtually for a special presentation from Dr. Melanie Hopkins, Associate Curator of Invertebrate Paleontology at the American Museum of Natural History. And, be a part of Penn Dixie history as we present the Gordon C. Baird Visionary Award to Dr. Gordon C. Baird. [SIGN UP HERE!](#)

"Managing Woody Invasive Species in the Fall and Winter"- 2 to 3 p.m. Learn how to prevent, identify and manage woody invasive species including honeysuckle, common buckthorn, multiflora rose and more in the fall

and winter. This webinar is appropriate for landowners and professionals alike. It will be presented by [WNY PRISM](#)'s Brittany Hernon, Early Detection Project Manager, and Lucy Nuessle, Terrestrial Project Manager, DEC Pesticide Credits are available in the following categories: 2, 3a, 6a, 9, 10 and 25 (1 credit each). Participants must attend entire workshop to receive credits. Please email thieles@buffalostate.edu to register in advance for credits. [Join via Computer](#); Meeting Code: 130 716 0927, [Facebook Event Page](#)

Learning Session 3: Smart floodplains: Best practices to reduce flood risk and restore waterways- Grow your understanding of floodplains, how they work, and how sustainable, smart floodplain management practices can reduce flood risk, improve water quality, and benefit your community. This session will feature best practices, tools, and resources that can inform local action to benefit our watersheds. 9:30 AM – 12:00 Noon. This session will be delivered as a webinar. Participation information will be shared upon registration. [Register today!](#)

Mobilizing your Campus to Conserve Pollinators: An Introduction to Applying to Bee Campus USA-1 to 2pm. Webinar. Join affiliates from across the country as they share their experiences helping their campuses become affiliates of Bee Campus USA. Affiliates will share how they learned about Bee Campus USA, who led the effort, any challenges they faced and how they overcame them, as well as advice for maintaining an enthusiastic and engaged committee. There will be time at the end for open Q&A. Closed Captioning will be available. This webinar will be recorded and posted to our YouTube channel. [Click here](#) to register and for more information.

The Role of Innovation in Changing Behavior Towards a Circular Economy-8 to 9pm, By 2030 plastic waste is expected to increase by more than 50% to 330 million tons per annum if business continues as usual. Not only is this unsustainable for communities and the environment, it also makes little sense economically. Recent figures show \$120 billion is lost each year because plastic waste is mismanaged. This hour-long webinar will explore how innovation and new business models can help transform the relationship between people and waste, redefining value and driving a circular economy. Topics include: The business and environmental case for shifting from a linear to a circular economy for plastics, Opportunities to leverage innovation, beyond new technologies and materials to affect behavior change, Exciting new solutions to tackling plastic waste leakage. [Register](#)

Friday, November 13

Haunted Woods Walk-6 to 7:30pm at [DeVeaux Woods State Park](#). Go on a woods walk through a park believed by some to be haunted while listening to tales of folklore surrounding Friday the 13th. Call (716) 282-5154 to register for program.

Multimedia Communication for Waste Reduction and Education-12-12:30pm EST. Speakers: MIT Waste Watchers (Amulya Aluru, Suki Zhang, and Natalie Northrup). Zoom link to be sent once [registered](#)

Saturday, November 14

Native Seed Exchange-10am. Please bring native plant seeds to share and small containers or baggies for the seeds you will take home. Reinstein Woods Nature Preserve, Depew. Registration required, call 716-683-5959 to register.

Birding 101: Class 3-1pm. Learn how birds are surviving and preparing for winter here at Reinstein Woods. Reinstein Woods Nature Preserve, Depew. Registration required, call 716-683-5959 to register.

Horticulture II-The Buffalo and Erie County Botanical Gardens will host six Horticulture II classes from 11 a.m. to 1 p.m. The fees are \$25 per class or \$150 per series for the general public and \$22.50 per class or \$135 per series for members of the Botanical Gardens. These classes are great for beginners as well as gardeners wishing to brush up on their skills. An optional supply list will be posted online for those who wish to supplement their instruction with hands-on materials. [See details and register here.](#) The classes will be held on Zoom. David Clark, horticulturist & CNLP, will teach. Week's Topic: Water Gardening and Aquascaping.

Buckhorn Island Birding- 9am to 1pm. Join Buffalo Audubon for a walk along the Niagara River at Buckhorn Island State Park. Gulls, Ducks, Geese, and Swans are all starting to arrive for the winter in the Niagara River, forming one of the biggest congregations of wildlife in the world! Learn about why our region is so important to their survival. Meet at the Woods Creek Kayak Launch Lot. Pre-registration is required. Donations gratefully accepted. Call 585-457-3228 to register.

Meet and Greet with Zelda- 2 to 3pm. Join us in the Beaver Meadow Nature Center for a short talk on Eastern Screech-owls with our Screech-owl Ambassador Zelda! Learn about where they live, what they eat, and the adaptations they have for hunting at night. Be sure to bring a camera! Donations gratefully accepted. To register call, 585-457-3228.

Behind the Scenes at the Buffalo Zoo- 1:00-2:30. *All ages, families, adults – children 6 and under must have an adult registered as well. \$25/person.* Join us for a tour like you've never seen before. In this fun-filled workshop, you will get the chance to virtually visit 3 behind the scenes areas, interact with zookeepers in each area and learn what it's like to care for our amazing animal collection. [REGISTER ONLINE](#)

DeVeaux History Walk- 10am to noon at DeVeaux Woods State Park. Join us for a morning walk around a hidden treasure in Niagara Falls. It is full of history and so much more! *Call (716) 282-5154 to register for program.*

Should you Own or Lease Farm Land- To lease or to own: that is a question all farmers must ask themselves. Two young farmers will discuss how they arrived at an answer during a facilitated conversation hosted by [Cornell Cooperative Extension of Erie County](#) (CCE Erie) from 9 to 10 a.m. via Zoom. Both farmers established successful CSA operations on land permanently protected by conservation easements in Clarence, NY. Steve and Erin Blabac of Root Down Farm, a vegetable operation, lease their land. Ben and Lori Gehl of Providence Creek Farm, a pasture-raised meat operation, purchased their land. Steve and Ben will give brief virtual tours of their farms and then answer questions about how they acquired their land. From lease terms to lessons learned, from search strategies to infrastructure needs, participants can have their questions answered. This virtual conversation is open to everyone, but may be especially helpful to people without farming backgrounds who want to start a farm or rent land to a farmer. The number of beginning farmers and farmland owners without farming experience is on the rise. It can be difficult for them to understand the multitude of factors that farmers must consider when they evaluate land and decide whether to lease it or own it. Having this understanding will help farmland seekers and owners find a farm or a farmer suited to their needs and desires. Participants will receive some introductory materials about finding land and be invited to submit questions when they register. Free. Register [online](#) or contact Jolie Hibit at (716) 652-5400, ext. 176 or jah663@cornell.edu.

Buffalo Bonsai Society Meeting- 1 p.m. Saturday, Nov. 14 in STEM Building Room 102 on the Erie Community College North Campus, Youngs Road Williamsville. Membership applications and more information about the Bonsai Society are available on its [website](#).

Riparian Planting Help Volunteers- Buffalo Niagara Waterkeeper needs your help. at plantings to restore riparian habitat and protect water! Afternoon shifts are available. All events will follow social distancing guidelines and we ask all participants to wear masks. To ensure everyone's safety, spots are limited. Register today to reserve your spot! [Register](#).

Sunday, November 15

Ranger-led hikes- 9 a.m. Sundays in Erie County parks. Each week a ranger will lead a 2-3 hour exploration with the intent of getting off the main trails and exploring some new trails. During these hikes you can expect to get out and moving, to learn some new trails & hiking safety tips, and although these aren't intended to be a traditional nature hike, the rangers can't stop talking about the natural world, communities, species and features they come across. Mask use is required and participation is limited to 25 hikers per hike. Visit [Ranger-led hikes](#) to register and find meeting location.

Monday, November 16

Cheektowaga Garden Club-The Cheektowaga Garden Club will meet at 6:45 p.m. in room 136 of Cleve-Hill Elementary School, 105 Mapleview Rd., Cheektowaga. The parking lot and access is in the rear. [Info](#).

Soil Field Assessment: Vegetable Operations- 5:30 to 7pm sponsored by NOFA-NY. [Register](#) for webinar.

Tuesday, November 17

Carbon Neutral Fleets-1:00 pm - 2:15 pm, Free – \$25. Companies across the globe are actively moving toward a reduction and elimination of their carbon footprint, and the logistics and transport industry is going to be affected the most. Reducing carbon emissions is becoming an essential part of operations. This webinar will cover the latest innovations in vehicle technology and the different options to get the ball rolling for your WNY business. Pre registration is required. Register [HERE!](#)

Fall 2020 Virtual IMAGINE Series- 12:30 to 1pm. Speaker Schedule at <https://tinyurl.com/y33n75jc> Web link for all IMAGINE programs. <https://us02web.zoom.us/j/85839766406>, most Tuesdays.

Film Screening: *The Condor and the Eagle*-7 to 930pm, an award-winning documentary which takes viewers on a journey through the environmental justice movement. Stick around after the film for a panel discussion on climate justice. [Register Today](#)

Toddler Time: Turkey Tales-10 to 11:30am at Beaver Meadow Audubon Center. To register call, 585-457-3228.

Making Bird Connections: Virtual Lecture Series-7pm. Each week, Hog Island Audubon Camp features bird-focused talks followed by a connection to our organization's broader conservation work. The Making Bird Connections lecture series will be hosted over Zoom and live streamed to Facebook every Tuesday night at 7:00 p.m. ET until November 17. [Join us](#).

Bicyclists Bring Business 2020: Creating a Bike-Friendly Community-10am webinar. Join Parks & Trails New York, the New York State Canal Corporation, special guest presenter Amy Camp of Cycle Forward and more! [Register](#).

Climate Change And Health: A Lunchtime Chat With Dr. Joan Schiller- 12:00 -1:00pm. Natural calamities are commonplace in many too many countries and It is no secret that climate change is warming the air, raising sea levels and causing more severe storms and wildfires. Air pollution is the world's single largest environmental health risk with around 7 million people dying every year from exposure to polluted air. The Intergovernmental Panel on Climate Change estimates that global warming will continue to climb unless we dramatically step up action. [Register Now](#)

Wednesday, November 18

Virtual Program: The World of Trout-6:30pm. Discover the streams of Western New York from a trout's perspective as we explore the life cycles and behaviors of mayflies, stoneflies, and other fish delicacies. Register online at www.reinsteinwoods.org.

"Market-based Predatory Development: Race, Class, and the Underdevelopment of Black Neighborhoods in the U.S." -6 pm - 7:30 pm, talk by Henry Louis Taylor Jr., Professor UB. Details at <http://ap.buffalo.edu/events/2020/henrytaylor.html>

A Virtual Hands-On Energy Workshop for Families-/ 1 - 2 p.m. EST. The National Energy Education Development (NEED) Project will facilitate a virtual workshop to help families understand how energy is used in their homes, find ways to reduce energy waste, and understand options for integrating renewable energy in the home. [Register](#)

Western New York Rose Society Meeting- 7 p.m. at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Dr., Buffalo. Pati Aine Guzinski will discuss growing herbs. [Info](#).

Thursday, November 19

"Pub" talk on Science Topics-7:30pm online every other Thursday. Different topic each session. [Register](#).

"Emerging Aquatic Threats in WNY"-2 to 3 p.m. Aquatic invasive species pose a serious threat to WNY's waterways and economy, making their prevention and early detection essential. Join Finger Lakes PRISM's *Hydrilla* Project Manager, Kathryn Monacelli, to learn about some of WNY's most pressing concerns including water chestnut, *Hydrilla* and starry stonewort. During this webinar, you'll learn how to identify these species, understand their impacts and manage infestations. DEC Pesticide Credits are available in the following categories: 5a, 9 and 10 (1 credit each). Participants must attend entire workshop to receive credits. Please email thieles@buffalostate.edu to register in advance for credits. [Join via Computer](#); Meeting Code: 130 481 0529 [Facebook Event Page](#)

Helping STEM Students Thrive Webinar-12pm. We will explore these topics and ways to support, encourage and build community to move forward. "Recruitment, advisement and creating community - How it has changed in 2020" To register and for more information: <http://womeninstem.buffalo.edu/events/online-series/index.php>

Friday, November 20

Fun Facts with Kelly: Ask a Naturalist- 10 to 11:30am at [Artpark State Park](#). Make new discoveries while on the trail with an educator! Ask nature questions, solve mysteries, and enjoy time outside! Call (716) 282-5154 to register for program.

Saturday, November 21

CSI: Critter Sign Investigation-10:30am. Become a nature detective and look for "clues" left by wildlife along the trails. Reinstein Woods Nature Preserve, Depew. Registration required, call 716-683-5959 to register.

Horticulture II-The Buffalo and Erie County Botanical Gardens will host six Horticulture II classes from 11 a.m. to 1 p.m. The fees are \$25 per class or \$150 per series for the general public and \$22.50 per class or \$135 per series for members of the Botanical Gardens. These classes are great for beginners as well as gardeners wishing to brush up on their skills. An optional supply list will be posted online for those who wish to supplement their instruction with hands-on materials. [See details and register here](#). The classes will be held on Zoom. David Clark, horticulturist & CNLP, will teach. Week's Topic: Practical Principles of Pruning.

Electronics Recycling- Niagara Falls. Brockport-based electronics recycler, Sunnking, is preparing for record crowds during its first electronics recycling collection events since the COVID-19 shutdown. Thousands of people have pre-registered for the initial round of FREE collection sites in Western New York. New health and safety procedures will be in place to ensure a safe environment, including timed appointments, no-contact device removal, and dedicated drive-through lanes. **Sunnking collects an average of 100 tons of electronics per event.** Residents can pre-register at [Sunnking.com/events](https://sunnking.com/events) and find a full list of recyclable devices

Tonawanda Turkeys- 10am to noon at Beaver Meadow Audubon Center. To register call, 585-457-3228.

Free Shredding and Clothing Recycling-9am to noon at JFK Park, 366 Clinton, Buffalo. www.Buffalorecycles.org

Sunday, November 22

Buffalo Audubon Feminist Bird Club Walk-10am to noon at Margery Gallogly Nature Sanctuary on Grand Island. Pre-register at 585-457-3228 or feministbirdclubbuf@gmail.com. A leisurely stroll for all skill levels, binoculars available.

Ranger-led hikes- 9 a.m. Sundays in Erie County parks. Each week a ranger will lead a 2-3 hour exploration with the intent of getting off the main trails and exploring some new trails. During these hikes you can expect to get out and moving, to learn some new trails & hiking safety tips, and although these aren't intended to be a traditional nature hike, the rangers can't stop talking about the natural world, communities, species and features they come across. Mask use is required and participation is limited to 25 hikers per hike. Visit [Ranger-led hikes](#) to register and find meeting location.

Tuesday, November 24

“The Origins and Evolution of Dogs”-7:30pm. Rochester Academy of Science talk by Dr. Abby Grace Drake, Cornell University. Free, pre-registration required for zoom link- paleo@frontier.com.

Maximizing production in your sap collection system-7pm. The Cornell Maple Program is offering free online workshops. Upon registering, you will be directed to a website for downloading course materials, which are made available 2 weeks prior to the Q&A sessions. [Click here for registration information](#). [Contact Aaron Wightman](#) for questions and additional information.

Thursday, November 26

Gobble Walk-10am to noon at [Woodlawn Beach State Park](#). Work up your appetite while birding with us and explore a special place where majestic sand dunes rise up from a spectacular Lake Erie beach! *Call (716) 549-1050 to register for program.*

Saturday, November 28

Don't Blow it Up Science Saturday- 1:00pm - 2:00pm. This is a VIRTUAL program for young children. <https://www.facebook.com/AmherstPublicLibrary/>

Sunday, November 29

Ranger-led hikes- 9 a.m. Sundays in Erie County parks. Each week a ranger will lead a 2-3 hour exploration with the intent of getting off the main trails and exploring some new trails. During these hikes you can expect to get out and moving, to learn some new trails & hiking safety tips, and although these aren't intended to be a traditional nature hike, the rangers can't stop talking about the natural world, communities, species and features they come across. Mask use is required and participation is limited to 25 hikers per hike. Visit [Ranger-led hikes](#) to register and find meeting location.

Tuesday, December 1

Fall 2020 Virtual IMAGINE Series- 12:30 to 1pm. Speaker Schedule at <https://tinyurl.com/y33n75jc> Web link for all IMAGINE programs. <https://us02web.zoom.us/j/85839766406>, most Tuesdays.

Tips for the Environment:

1. **Turn the clocks back. Make sure all your light bulbs are LEDs-** to help save energy as you use more lighting. Check out lighting and other tips at <https://www.nyserda.ny.gov/Residents-and-Homeowners/At-Home/Energy-Saving-Tips?>

2. **Don't wishcycle with candy wrappers-** these can't go in your home recycling bin because they are often made of what's known as “multi-material packaging.” This means the packaging is made up of different types of materials. You'll notice most candy has a shiny metal on the inside as compared to the outside. This helps protect and keep treats fresh, but it makes the packaging very difficult to recycle because of the challenge of separating the materials from each other.

3. **Repurpose those egg cartons**- Pass them to a chicken owner or use as packing material, fire starters (if cardboard), seed/plant starters, small item organizers. For more ideas, visit [here](#).

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-ctrc/>.

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

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

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

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

Buffalo Olmsted Parks Conservancy will assign volunteers to specific clean up and planting projects throughout the summer. Learn more at bfloparks.org/volunteer

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@excaliburl.org or visit <http://excaliburl.org>

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

Global Justice Ecology Project- volunteers needed for mailing and office support. <https://globaljusticeecology.org/>

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

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

Hawk Creek Wildlife Center is seeking volunteers 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.

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

Additional calendars with local events-

<http://www.citybration.com>

<http://www.buffalospree.com>

<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/>

Wildlife Rehabilitator Search- https://www.dec.ny.gov/cfm/EXTAPPS/SLs_searches/index.cfm?p=live_rehab
B-WELL Videos-<https://cityofbuffalo.viebit.com/index.php?folder=Be+Well+Buffalo>

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/>
Nourishing Harvest- <https://www.patreon.com/anourishingharvest>
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>
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

Additional jobs-<https://www2.erie.gov/index.php?q=job-openings-community>

Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org

www.buffaloaudubon.org

www.buffalogardens.com

www.buffscience.org

www.tifft.org

www.buffalozoo.org

www.penndixie.org

www.yourspca.org

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/>

Find your farmer <https://www.facebook.com/groups/893902477748081/>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Fenton's Produce- www.fentonsproduce.com

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

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

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

Free Fallen Fruit Rescue-<https://www.facebook.com/freefallenfruitrescue>

Fresh Fix -<https://www.freshfix.com/>
Goodman Farms- <https://goodmanfarms.net/>
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Greater Buffalo Urban Growers-<https://www.facebook.com/greaterbuffalourbangrowers/>
Green Heron Growers- <http://www.greenherongrowers.com/>
Gregs U-Pick- <http://gregsupick.com/>
Groundwork Market Garden- <http://www.groundworkmg.com>
Healthy Living Farm- <https://www.healthylivingfarm.com>
Kindred Kreek Farms- <https://www.kindredkreek.com/>
Little Bear Farm- <http://www.littlebearfarm.harvesthand.com/>
Little Woods Farm-<https://www.littlewoodsfarmalden.com/>
McCollum Orchards- <http://mccollumorchards.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <https://platodalefarm.com/>
Porter Farms- <http://www.porterfarms.org/>
Produce Peddlers-<https://producepeddlers.com/>
The Promised Land- <http://promisedlandesa.com/>
Providence Creek Farm- <http://www.providencecreekfarm.com/>
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
Rust Belt Harvest- <http://rustbeltharvest.org/>
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
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 Classes and 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/>, <https://www.decluttr.com>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore
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

On Demand Webinars:

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

[Plan-It GEO](#)

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

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

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

Miscellaneous tools including videos and websites:

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

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

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

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

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

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

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

[Archived EPA Climate Change Info.](#)

www.epa.gov/climate-indicators.

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

[Tool for Sourcing Local Meat](#)

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

[iMATTER Youth Movement to Spark Change](#)

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

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

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

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

[2018 Fuel Economy Guide](#)

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

[NOAA National Marine Sanctuary Webinar series](#)

[NOAA One Science Seminar Series](#)

[Green Restaurant sustainability tool](#)

[Mapping Climate Change.](#)

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

Adirondack Mountain Club-Niagara Frontier Chapter

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

Meetings 7:30, second Tues. from Sept.-June

AIA Buffalo Western NY

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

Air and Waste Management Association

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

Allegany Nature Pilgrimage

<http://allegannaturepilgrimage.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/
Birds on the Niagara	http://www.birdsontheniagara.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	https://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	https://buffalo-orienteering.org/
Buffalo Ornithological Society	https://www.buffaloomithologicalsociety.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/
Buffalo Women of Env. Learning/Leadership (BWell)	https://www.bwell.community/
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/
Cooperation Buffalo	https://www.cooperationbuffalo.org/
Cornell Cooperative Extension for Cattaraugus County	http://cattaraugus.cce.cornell.edu/

Cornell Cooperative Extension for Chautauqua County	http://chautauqua.cce.cornell.edu
Cornell Cooperative Extension for Erie County	http://erie.cce.cornell.edu/
Cornell Cooperative Extension for Niagara County	http://cceniagaracounty.org/
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 Advocates NY	www.eany.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
500 Women Scientists, Buffalo Chapter	https://500womenscientistsbuffalo.wordpress.com/
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
Great Lakes Research Consortium	https://www.esf.edu/glrc/
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
Lake Erie Watershed Protection Alliance	http://www.erie.gov/lewpa
Leadership Buffalo	https://www.leadershipbuffalo.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Local Initiatives Support Corporation	https://www.lisc.org/wny/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.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/index.html
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/

Niagara Frontier Botanical Society	Niagara Frontier Botanical Society
Niagara Outfitters	https://niagaraoutfitters.com/
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-1013633888708865/
Niagara River Greenway Commission	https://www.niagararivergreenway.com/
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
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://roccbuffalo.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-Buffero-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	https://creatinghealthycommunities.org/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Climate Action	http://www.wnyclimateaction.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.wnyea.org
Western New York Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Food Hub	https://www.edenvalleygrowers.com/wny-foodhub
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://wnysc.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 Raptor Center	Wnyraptor.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/
Youth Climate Summit	http://www.wnyclimateaction.org/