

# Enviro-News

February, 2021

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:

### Youth & Climate Justice: Tools for Building a Just Transition

The WNY Youth Climate Council (WNY YCC) has partnered with the Western New York Environmental Alliance (WNYEA) for an exciting leadership training opportunity for young folks ages 12-22 starting in **February**. Interested youth are invited to register for this FREE 3 part workshop series to learn about our climate action work here in Buffalo, the intersectionality of climate change education, and connect with organizations who are leading climate justice advocacy efforts in our region (**2/2, 2/9, 2/16 - 6:00-7:30PM**). We encourage participants to attend all three sessions, but it is not mandatory. Space is limited, so save your spot today! Learn more and register by clicking [HERE!](#)

### Save the Dates: Third Annual Birds on the Niagara International Bird Festival

This year's Birds on the Niagara International Festival is planned for **February 12, 13, 14, 2021**. The schedules and more info are posted at <http://www.birdsontheniagara.org/>. This free event features speakers from the US and Canada on a range of topics. No Registration Required. All Programs are free and open to all. You can attend all festival programming at the website and on [Facebook](#).

### Go Bike Virtual Valentine's Day Party

Join Gobike on **February 12** at 7 pm for a virtual Valentine's Day bike party! They will share the community bike love, including the people, places, projects, and inspiring stories that warmed our hearts this year. GObike will celebrate our community accomplishments from the past year, and we'll kick it with food, music, and friends in the comfort of our own homes! The best part is a gift package delivered to your door by local bike delivery service [Queen City Couriers!](#) Cost: \$25, [Register here](#).

### Get Outdoors and Participate in the 24th Annual Great Backyard Bird Count

The Great Backyard Bird Count (GBBC) is a fun event for bird watchers of all ages and abilities, from beginners to experts. The 24th annual GBBC will be held **Friday, February 12, through Monday, February 15, 2021**. Participants are needed! To help, you will need to count birds for at least 15 minutes (or longer if you wish) for one or more days of the four-day event. You can participate from your backyard, or anywhere in the world. Each checklist submitted during the GBBC helps researchers at the Cornell Lab of Ornithology and the National Audubon Society learn more about how birds are doing and how to protect them. Last year, almost 270,000 people participated in the GBBC. Let's top that number this year! For more information or to submit checklists [visit the GBBC website](#).

## **Celebrating COVID-19 Champions & Collaborations: Nominations Invited**

The 2021 LISC WNY Community Development Awards (CDA) recognize both individuals and organizations who have made significant contributions to inclusive and equitable community development in the WNY region during the hardships of 2020, through their leadership, innovation, and collaboration. [Nominations close March 1.](#)

### **EMC Environmental Excellence Awards Program**

Started in 2015, this program recognizes exceptional projects carried out by municipal and non-profit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. The awards program is designed to showcase and promote projects that can be replicated in communities across Erie County and beyond. Projects could be in Planning & Design, Land Use and Zoning, Natural Resource Protection, Air and Water Quality, Ecosystem Health, Energy and Transportation, Agriculture and Forestry, Solid Waste Management, Contaminated Sites, Community Action & Education, Climate Change or any other related subject area. If you represent a municipal government or non-profit organization in Erie County that is working on a project that has environmental benefits, we invite you to nominate your project for consideration. Download the [2021 EMC Environmental Excellence Awards Application](#) and submit by **March 8, 2021**. Please address questions to Bonnie Lawrence at [bonnie.lawrence@erie.gov](mailto:bonnie.lawrence@erie.gov).

### **DEC Now Accepting Applications for HHW Matching Grants**

Funding from the Environmental Protection Fund is available for grants to assist municipalities in New York State with costs associated with household hazardous waste (HHW) collection and disposal. Grants are offered to match eligible costs of HHW collection days or construction of permanent HHW collection facilities to provide a safe alternative for recycling or disposal of household hazardous materials. State funding will reimburse up to 50 percent of the costs of municipal HHW collection programs. DEC will be accepting applications only during January and February of 2021 for projects that were completed during January - December 2020. During the application period, [applicants must initiate a proposal in the New York State Grants Gateway by going to the Grant Opportunity Portal.](#) Applications must be submitted in the [Grants Gateway](#) no later than 3 p.m. on **Friday, February 26, 2021**. For more information, visit [DEC's Household Hazardous Waste Assistance Grants](#).

### **Beautification Grants for Garden Walk**

Building beauty across Buffalo makes our whole region stronger, and Gardens Buffalo Niagara continues beautifying Buffalo by providing microgrants to block clubs and community groups toward projects like community gardens, street side planters, historical garden restoration, street pole banners, annuals for baskets—pretty much any garden-related project—limited only by your imagination! Awards can be up to \$1000, and are based on the overall project cost and matching funds from government, private contributions, or volunteer sweat equity. Due to the on going pandemic and our desire to fund as many projects as possible, we will be focusing on funding smaller projects. Projects must be public ones--seen from the street--and must bring neighbors together. More information, and a link to the application can be found [here](#). **Grant applications are due by February 28.** Funded projects need to be ready before the [East Side Garden Walk](#) on July 17, 2021.

### **Messinger Woods Wildlife Rehabilitation Center Needs Volunteers**

Messinger Woods runs a wildlife hospital during the “busy” wildlife season, approximately June 1st until the middle to end of September, depending upon the animals in our care and how long they need to remain in the caging at our hospital. If you are able to commit to 4 hours once a week during this time, we would love to have you join us this season. If you are a student, we realize that you must be back in school by the end of August and would not be available until our facility closes down for the season. Additionally, we have offered internship positions for college students and have worked with various colleges to provide verification of the experiences gained and hours worked. If your college offers credit hours for your internship experiences, we are happy to work with your advisors to provide the necessary verifications. <https://www.messingerwoods.org/volunteer-recruitment>

## **Entrepreneurship Program for Buffalo 10<sup>th</sup> & 11<sup>th</sup> Graders: Apply Now**

The next session of The Foundry's afterschool program for young adults **starts March 2nd** and ends in June. Sessions will meet on Tuesdays and Thursdays, 4:00-6:00pm. Enrollment requirements: - 10th/11th grade (with some exceptions) and currently enrolled in Buffalo public/charter schools OR qualify by living in specific zip codes. Tuesday sessions are currently scheduled as in-person sessions in our shops and labs, while most Thursdays will have in-person or online learning options and focus on the basics of business. On Wednesdays, we have Open Lab (which is optional) and students can attend in-person and practice what they're learning on our tools. We are strictly limiting the number of students enrolled in our programs to reduce safety risks. For all visits on-site, students will participate in a health screening, maintain social distance and will consistently wear masks. Apply [here](#).

## **Virtual Science Fair**

The Western New York Regional Science and Engineering Fair (WNYRSEF) will be held virtually on **March 13-27, 2021**. Sponsored by WNY Science Congress, Inc., the event is open to students in grades 5 – 12 from five WNY counties (Erie, Niagara, Orleans, Genesee, and Wyoming). This includes students who are enrolled in public or private schools, students who are home-schooled, and those involved in organizations outside of the traditional school setting. Teachers, as well as parents and organizations, are encouraged to sponsor students. Students at the WNYRSEF demonstrate their scientific talents and compete for medals, monetary awards, and advancement to state and international fairs. Judges are WNY scientists and engineers from many fields of science. Entries are due by **February 13, 2021**. Forms are available at <http://wnysc.org/regional-fair/register-to-enter/>

## **Master Gardener Education Day**

The Master Gardener Education Day (MGED), organized by Cornell Cooperative Education, will be held virtually on **March 13, 2021**. MGED will begin at 9:00 AM and run until 12:45 PM via Zoom. The cost will be \$35 for the public and \$30 for out of county Master Gardeners and CNLP's. Registration will begin on January 1st. To register go to <http://erie.cce.cornell.edu/events>. Speakers include Rick Darke - Co-author with Doug Tallamy of The Living Landscape who will present "Dynamic Design and Stewardship of Living Landscapes" and Paul Zammit, professor at Niagara College in Ontario and past Director of Horticulture at the Toronto Botanical Gardens who will present "Planning and Planting for All Seasons".

## **DEC Annual Tree and Shrub Seedling Sale Now Open**

DEC's [Colonel William F. Fox Memorial Saratoga Tree Nursery](#) kicked off its annual spring seedling sale, which is open to the public and runs until May 12. Each year, the tree nursery offers for sale dozens of low-cost, New York-grown tree and shrub species to help implement large-scale conservation plantings across the state. The tree nursery has more than 50 conifer and hardwood species available in bundles of 25 or more, plus several mixed species packets for those looking for a variety. For more information, including how to order, visit the [Spring Seedling Sale webpage](#) on DEC's website. Some species sell out early; DEC encourages the public to place orders by phone for the most up-to-date availability information. [Order from Erie County](#) by **March 12** for local pickup on April 24. [Niagara County orders](#) are due **March 5, 2021** with pickup on April 23rd from 9am to 4pm and April 24 from 9am to noon.

## **Free Seedlings Available for Youth Education through School Seedling Program**

Applications are now being accepted for the tree nursery's [School Seedling Program](#). From now until March 31, schools and youth education organizations across New York may apply to receive up to 50 free tree or shrub seedlings to plant with students. The program is an excellent tool for educators to use in meeting Next Generation Science Standards. It provides a hands-on opportunity for students to learn about natural systems, and while planting and caring for seedlings, students learn about ecosystems and the valuable role trees play, in addition to building awareness of conservation issues. All schools (public, private, nursery, elementary, secondary, vocational, college, and university) and youth education-based organizations are eligible to apply, provided trees are planted within New York State.

## **17<sup>th</sup> Annual Symposium on Energy in the 21<sup>st</sup> Century**

The annual Symposium on Energy in the 21<sup>st</sup> Century will continue this year, but virtually on April 16, 2021. Speakers will present on zero emission transportation, initiatives at the local, state, national and global level, social energy equity and inclusion of solar in the grid. [REGISTER HERE NOW](#)

## **Bike Buffalo Niagara Regional Master Plan Adopted**

The Greater Buffalo Regional Transportation Council adopted the Bike Buffalo Niagara Regional Master Plan. The [plan](#) is intended to support bicycling as a safe, comfortable, and healthy form of transportation, recreation, and physical activity throughout the region. Check out their [mapping tool](#) for an easy review of proposed bike infrastructure.

## **New York State Greenway Trails Plan and Map**

New York State is developing a [statewide greenway plan](#). Explore existing, proposed, and planned multi-use paths throughout the state with their [interactive map](#).

## **Volunteer Opportunities with Buffalo Niagara Waterkeeper**

Buffalo Niagara Waterkeeper will be seeking volunteers for several projects beginning in March. Opportunities vary in their time commitment and training. Check their [site for full descriptions](#). Positions include: Water Reporter (take pictures on a smart phone or tablet of waterway conditions and upload them into the Water Reporter App), Nurdle Patrol Volunteer (sample for nurdles or small plastic pellets in waterways), Nutrient Sampling Volunteer (sample and report on algal blooms in assigned waterways) and Baseline Water Chemistry Volunteer (group sampling with equipment and required training). Volunteer signup for the Riverwatch Citizen Science Program will open in March. Sign up for updates at <https://bnwaterkeeper.salsalabs.org/Riverwatch2021Interest>

## **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.

## **2020 Erie County Household Hazardous Waste Dropoff Vouchers**

Future Household Hazardous Waste Collection events will be posted at [erie.gov/recycling](http://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](#).

## **“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](#).

## **EPA Develops Food Stewardship Education Resources for the Faith Community**

EPA's Food Stewardship education efforts aim to engage the faith community on protecting the environment through reducing food waste. A downloadable Food Stewards toolkit, with tips on how to modify food purchases, donate, compost, and share success stories, is now available. [Learn more about these resources](#).

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

Rabbit Hemorrhagic Disease (RHD) is a fatal virus that affects rabbits and hares. A new strain, RHDV2, identified in 2010 has recently jumped to wild rabbits and hares in the southwestern U.S., where it spread to six states within four months. The virus can infect wild rabbits and hares, in addition to domestic rabbits. RHDV2 is extremely hardy, easily transmitted, and highly lethal to rabbits and hares. It does not infect humans or other animals like dogs or cats. RHDV2 spreads easily through direct contact between rabbits or contact with contaminated environments or objects.

The most likely potential routes of introduction to New York are through transported domestic rabbits, internationally imported rabbit products, or people who travel to outbreak areas in the southwest. Read the [RHDV2 factsheet \(PDF\)](#) to learn more about how it spreads, ways to prevent it, and what you can do to help.

## **NYSERDA Green Jobs Green New York Energy Studies**

Small businesses and not-for-profit organizations can receive an energy study 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. 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. 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. For more information call Michelle Wooddell at 1-888-338-0089 or email [info@NYEnergyStudy.com](mailto:info@NYEnergyStudy.com).

## **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.](#)

## **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, NYPSA 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.

## **U.S. Food and Drug Administration (FDA) Creates Food Loss and Waste Animated Shorts**

FDA continues its efforts to raise awareness of food loss and waste among consumers through a series of animated shorts that bring attention to actions each household can take to reduce food waste [Check out these animations on the FDA website.](#)

### **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.

### **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](http://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](http://www.buffalorecycles.org).

### **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/>

### **The Empire State Trail is Now Open!**

The Empire State Trail, the longest multi-use trail network in the nation, is officially complete and open to the public. The mega trail, a source of recreation, economic development and tourism, connects 20 regional trails to create a continuous statewide signed route. It is 75 percent off-road to provide a safe and accessible route for cyclists, hikers, runners, cross-country skiers and snow-shoers. Now, all New Yorkers and visitors can experience New York’s natural beauty, varied landscapes and historic heritage. To learn more about the trail and the projects undertaken over the last four years, read the [press release](#) announcing the trail’s completion.

## **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](#).

### **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.

### **Detection Dogs Project Underway**

In a collaborative project to try to monitor spotted lanternfly (SLF) spreading across the region, detection dogs are being trained and tested. In a survey trial run in a vineyard and adjacent natural area, the two dogs went right to work to sniff out the SLF egg masses sometimes faster than their human partners could record. The SLF tend to lay their eggs in hidden places or on the undersides of objects, rather than in open areas and the dogs demonstrated that they can find them when they aren't easily observed by humans. [Learn more about the project and view more pictures here >>](#)

### **Beekeeper Alert: Spotted Lanternfly can be Transported on Beekeeping Equipment**

Spotted lanternfly (SLF) egg masses can be laid on hive boxes, lids, bottom boards, stands, pallets, etc. Beekeepers must check equipment, vehicles, and trailers for SLF prior to moving the equipment and transporting new colonies. If you find SLF individuals of any stage in your apiary or equipment, and you are not inside of the quarantine zone, it is very important that you report it [here](#). In addition to the quarantine policies, lanternflies may impact bees in other ways. Part of the management and efforts to control the spread of this pest include the application of the systemic insecticide **dinotefuran** to trees infested with SLFs. These insecticide applications may directly or indirectly impact the health of honeybee colonies and other pollinators who may be directly collecting pollen and nectar from flowers of trees that have been sprayed with insecticides targeting SLF. Indirectly, honey bees may be using the honeydew—the sap that flows when planthoppers feed on plants—as a food source. Research groups at Penn State are investigating the direct and indirect effects of SLF control measures on bee health. If you'd like to brush up on your spotted lanternfly identification, you can visit the [NYS Integrated Pest Management site](#) devoted to SLF.

### **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. 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](http://www.reuseaction.com), call the store at 716-894-3366, or stop by 980 Northampton Street. Profits from sales put people to work!

## **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.

## **Northern Hardwood Conference**

Save the dates **June 15-16** for an online event. Look for details at <https://foreststewardsguild.org/event/northern-hardwood-conference-2021-virtual/>

## **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](http://beebettercertified.org).

## **Organic Resource Locator Tool Available**

The ORL is an interactive web-based mapping tool that is used to connect food waste generators, i.e. restaurants and grocery stores with those who can beneficially use the wasted material such as composters and anaerobic digesters. The update includes a data refresh, expanded business categories and improved estimation methods for waste generation rates. View the tool [here](#).

## **Introducing the Drinking Water Source Protection Program Newsletter**

As part of [New York's Drinking Water Source Protection Program](#) (DWSP2), DEC is launching a monthly e-newsletter to provide information about a variety of subjects related to protecting New York's drinking water sources. Newsletter topics will include DWSP2 program updates, resources available, potential funding sources, implementation projects, and more. [Sign up](#) for the DWSP2 newsletter to stay informed on this topic.

## **U.S. Department of the Interior Releases Their 5 Year Invasive Species Strategic Plan**

The Plan sets out a vision for effectively managing invasive species through collaborative conservation to protect our nation's environment; natural and cultural resources; economy and infrastructure; and public health. It both reflects ongoing work by the Interior and its partners and leverages opportunities to respond to emerging issues. Stakeholder input received at the onset of the Plan's development, and again during the formal public comment period on the draft Plan, significantly influenced the content of the Plan. You can access the Plan [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.

### **Proposed Food Donation and Food Scraps Recycling Law: Now Open for Public Comment**

DEC filed a Notice of Proposed Rulemaking with the Department of State to add a new 6 NYCRR Part 350. The proposed regulations will implement the requirements outlined in the [NYS Food Donation and Food Scraps Recycling Law](#) enacted in 2019. The law takes effect on January 1, 2022 and requires large generators of food scraps to donate excess edible food and recycle all remaining food scraps if they are located within 25 miles of an organics recycler. **Written public comments will be accepted by the NYSDEC through April 27, 2021.** Persons wishing to comment on the proposed regulations can make a statement at one of two public comment hearing webinars. The first session will begin at 1:00 p.m. on **Wednesday, April 7, 2021**. The second session will begin at 6:00 p.m. on **Wednesday, April 7, 2021**. [Learn more.](#)

### **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](http://www.erie.gov/enrolleriegrown). The site is [www.erie.gov/eriegrown](http://www.erie.gov/eriegrown).

## **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!

## **Drones Made from Pineapple Leaf Fibers**

Researchers in Malaysia have found a way to turn fiber from pineapple leaves into material sturdy enough to make drone frames. According to the designer, drones built with the material had a higher strength-to-weight ratio than frames made with synthetic fibers and are cheaper and lighter. 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.

## **Water Quality Improvements and Resilience in the Great Lakes: A Toolkit**

A new toolkit presents traditional and newly emerging funding and financing options for green infrastructure to reduce stormwater impacts. Funded by the Great Lakes Protection Fund, Resilient Infrastructure Sustainable Communities (RISC) is a network of public and private sector professionals focused on water related climate resiliency initiatives, including scaling up green stormwater infrastructure across the Great Lakes region. [View the toolkit here](#)

## **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.

## **Innovative Design: Filter Air While you Ride**

A student at a London university has created a bicycle wheel with pollution filters that uses movement to actively purify the air. The wheel is named “ROLLOE” for roll off emissions. Using only pedal power, it can take the most polluted roadways and produce filtered air through preliminary activated carbon and HEPA filters. Read [more](#) on how it works.

## 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 runs on an ordinary laptop in a fraction of a second, is available online, 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.

## First Home Hydrogen Battery

Australian energy company Lavo has designed a home energy storage system that doesn't use conventional batteries, but opts for hydrogen as fuel. Lavo's Green Energy Storage System is technically an electrolysis unit that generates hydrogen from water, stores it, and then turns it into electricity using a fuel cell. Its 40 kilowatt-hours capacity exceeds the capacity of current battery storage for home systems and can power an average home for two days straight. It's also technically more environmentally friendly as it doesn't use as many rare earth metals. While not as efficient as lithium ion batteries, it does not use as many rare earth metals as most battery storage systems. Read [more](#).

## Five Minute Charges Electric Car Batteries

A major breakthrough in battery charging has been made with batteries capable of fully charging in five minutes. This could allow electric cars becoming as fast to charge as filling up petrol or diesel vehicles. The new lithium-ion batteries were developed by an Israeli company and manufactured in China on standard production lines. Using available charging infrastructure, StoreDot is aiming to deliver 100 miles of charge to a car battery in five minutes in 2025. Their battery replaces graphite with semiconductor nanoparticles into which ions can pass more quickly and easily. These nanoparticles are currently based on germanium, which is water soluble and easier to handle in manufacturing. They hope to use silicon, which is much cheaper, and StoreDot expects these prototypes later this year. Read [more](#).

## Spice Up Solar Panels for More Energy

Solar cells treated with capsaicin, the chemical producing heat in chili peppers, are more efficient at converting solar energy. Ultra-thin solar cells made with lead-based materials can absorb light more efficiently than silicon-based solar cells, but often lose some of it to heat. When capsaicin was added to these ultra-thin perovskite solar cells during the manufacturing process, it boosted efficiency by more than 2% as capsaicin led to a greater number of free electrons available to conduct current at the solar cells' surface. This reduced energy leakage via heat. Read [more](#).

## 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.

## Climate Watch: Biannual Community Science Bird Program

[Climate Watch](#) is Audubon's biannual community science program that enlists volunteer bird-lovers across North America to tally vulnerable bird species. The winter session begins January 15 and runs through February 15, 2021. Counting and documenting where birds are today and how they're responding to a shifting climate is essential to helping protect them tomorrow. Due to the COVID-19 pandemic, the Winter 2021 survey period of Climate Watch will require a few changes. So, whether you've counted in the past or are looking for a new way to use your birding skills to support climate research, all participants [must follow these guidelines](#) to safely conduct the survey. You don't have to be an expert birder to participate, but knowing how to identify the target species by sight or sound is a big plus. [Find a coordinator in your area](#) to get started. We need your help to create a brighter future for the birds we all love this winter.

## USDA AgDiscovery Program for Middle and High Schoolers

AgDiscovery is a unique opportunity for middle and high school students to explore agricultural sciences and gain knowledge about careers in animal and plant disciplines, wildlife management, veterinary medicine, biotechnology, entomology, food safety, food production, agribusiness, forestry, and much more! Students chosen to participate in this two to four-week summer outreach program will gain experience through hands-on labs, workshops, and field trips, and will also participate in character and team-building activities among other events. Learn more about AgDiscovery [on the USDA website](#) or check out [this YouTube video](#). Program costs are covered by USDA for all "accepted applicants." Applications are due by **March 25, 2021**, and you can find the online application portal [on the USDA program webpage](#).

## Green Apple Awards 2021

Green Apple awards this year recognize sustainability initiatives or projects that made an impact within the school community during the difficult 2020 calendar year. Efforts may have made impact through the engagement of students and their families, through direct improvements the school environment, through service to the community, or by other means. This year, registration of the project on [greenapple.org](#) is encouraged to provide more information on the project's impact but not required to receive an award. All submissions are due by **Sunday, March 7, 2021** at <https://usgbc.wufoo.com/forms/green-apple-awards-2021/>.

## Kids to Parks School Grants Program: Funding for Virtual Trips and Projects

The Kids to Parks Day School Grants Program is open to all U.S. Title I schools (40% of students qualify for free or reduced-price lunch) in grades PreK through 12 and provides up to \$500 per grant proposal. This year, due to COVID-19, National Park Trust's grants will only support distance learning experiences. Grant funding can be used towards virtual program fees, hands-on materials for remote learning activities, stewardship supplies, and any other materials needed for a robust at-home or in-school learning experience. This year, the application process has been streamlined using a new online grants portal. Applicants can find all of the information to submit their proposal by [here](#). The deadline to apply is **February 26, 2021**.

## Teacher's and Home-Schooling Resources

[EarthX Virtual Field Trip](#)-Focusing on solutions to environmental issues presented in the EarthX free K-12 STEAM curriculum, these short 5-10-minute videos cover a wide range of topics and come complete with an overview correlated to Next Generation Science Standards as well as the TEKS. Suitable as a stand alone resource as well.

[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.

[Additional resources](#)

## Contests and Awards

[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**.

[Keeling Curve Prize](#)-5 prize categories related to climate change and mitigation with \$25,000 to two projects in each. Deadline: **February 10, 2021**.

[President's Environmental Youth Award](#) - Your project - or one you are sponsoring - could be an award winner! Apply or encourage a student you know to apply for PEYA and see what a difference they can make for the environment with an award-winning project. Applicants from all 50 states and U.S. territories are eligible to compete for a regional certificate of special recognition and a national Presidential award. Find out how to apply. Applications are due **February 19**.

[Presidential Innovation Award for Environmental Educators](#)- PIAEE recognizes outstanding K-12 teachers who employ innovative approaches to environmental education and use the environment as a context for learning for their students. EPA and the White House Council on Environmental Quality administer this cash award of up to \$2500 to honor, support and encourage educators who incorporate environmental education in their classrooms and teaching methods. Find out how to apply. Applications are due **February 19**.

[The Techstars Sustainability Challenge](#) - first challenge is Sustainable Supply Chains. Apply by March 8th to be considered. The goal of this challenge is actionable impact. All finalists will be selected with the goal of implementing a proof-of-concept with one or more of our Techstars Sustainability Challenge partners. Deadline: **March 8**.

[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

[SFI Community Grants](#) - The Sustainable Forestry Initiative (SFI) is interested in collaborating with local partners on community-based projects and activities that support SFI's mission to advance sustainability through forest-focused collaborations. Deadline: **February 5, 2021**.

[Grants to Support Water Systems Rural and Small Communities](#)- U.S. Environmental Protection Agency (EPA) funding will improve public health and environmental protection by helping to ensure that drinking water in these communities is safe and that wastewater is treated before it is responsibly returned to the environment. Eligible applicants are nonprofit organizations, nonprofit private universities and colleges, and public institutions of higher education. Deadline: **February 12, 2021**.

[Engineering Planning Grant \(EPG\)](#)- funding is available to municipalities through the Consolidated Funding Application for infrastructure projects that protect or improve water quality. A webinar to present the GIGP and EPG programs will be held on **January 13, 2021 at 11 a.m.** A recording of the webinar will be available on [EFC's website](#) after January 13. You may register for the webinar on [EFC's website](#). Deadline: **February 12**.

[Green Innovation Grant Program](#)-The GIGP provides grants for projects that improve water quality and mitigate the effects of climate change through the implementation of green infrastructure, energy efficiency and/or water efficiency practices. A recording of an info webinar will be available on [EFC's website](#) after January 13. Deadline: **February 12**.

[NOAA OAR Climate Program Office \(CPO\) Extreme Heat Risk Initiative Competition](#) - \$500,000, Eligible Entities: state, local, tribal governments. Extreme heat in urban areas presents society with significant economic, health, safety, and security challenges. This competition supports a high-priority climate risk area focused on extreme heat, as well as are coastal inundation, marine ecosystems, and water resources. Deadline: **February 15**.

[Sustain Our Great Lakes 2021](#) - Eligible applicants include non-profit organizations, educational institutions, and state, tribal and local governments. . On **February 2<sup>nd</sup>, 2021 at 11am**, the National Fish and Wildlife Foundation (NFWF) will host a virtual workshop providing additional information about the SOGL funding opportunity, including specific guidance related to funding categories and an opportunity for one on one discussions. [Register](#). Deadline for pre-proposal: **February 16**.

[Great Lakes Fish and Wildlife Restoration Act \(GLFWRA\) Funding Proposals](#)- to protect, restore and enhance Great Lakes fish and wildlife habitat under the Great Lakes Fish and Wildlife Restoration Act (Act). Deadline: **Tuesday, February 16, 2021**.

[New York Sea Grant \(NYSG\) Biennial Research Call](#)- The main goal of the research program is to generate and provide valid scientific information that will further the sustainable development, use, protection, conservation, and management of our coastal (Great Lakes, Great Rivers, and marine) resources. Research must be driven by stakeholder identified research needs and must provide enhanced opportunities for NYSG to 'make a difference' and have an impact on addressing important coastal issues. Pre-proposals are invited specifically addressing portions of NYSG's Strategic Plan for 2018-2023. Deadline: **Pre-proposals due by 4:30 PM on February 25**.

[The Kids to Parks Day School Grants Program](#) is open to all U.S. Title I schools (40% of students qualify for free or reduced-price lunch) in grades PreK through 12 and provides up to \$500 per grant proposal. Due to COVID-19, National Park Trust's grants will only support distance learning experiences. Grant funding can be used towards virtual program fees, hands-on materials for remote learning activities, stewardship supplies, and any other materials needed for a robust at-home or in-school learning experience. Deadline: **February 26, 2021**.

[National Park Service Assistance in Community and Outdoor Recreation Grants](#)-Project applicants may be state and local agencies, tribes, nonprofit organizations, or citizen groups. National Parks and other Federal agencies may apply in partnership with other local organizations. Application deadline: **March 1, 2021**.

[2021 Call for Proposals Great Lakes Research Consortium Small Grants Program](#)- provides seed funding for new, cooperative projects that improve our understanding of, and/or management of, New York's Great Lakes basin. Program supports collaborative projects and grant awards that can be used for basic or applied research and project planning that will lead to larger projects. Routine monitoring and one-time site-specific infrastructure projects are not appropriate topics for this RFP. Deadline: **March 1**.

[NYS Community Development Block Grant Funding](#)- NYS Homes & Community Renewal (HCR) has announced the opening of the 2020 NYS Community Development Block Grant (CDBG) Program competitive application for public infrastructure, public facility and community planning projects. Deadline: **Friday, March 5, 2021**.

[EPA's Great Lakes Trash-Free Waters RFA](#)- EPA is seeking a second round of applications under the Great Lakes Restoration Initiative (GLRI) grant program focused on keeping trash out of the Great Lakes. Approximately \$5 million is available through the Trash-Free Waters Great Lakes program to fund approximately 10 large-scale projects to remove trash from Great Lakes harbors, rivermouths, and waterfronts. The minimum award is \$300,000 and the maximum award is \$1,000,000. State agencies, federally recognized tribes and tribal consortia, any agency or instrumentality of local governments, nonprofit organizations, interstate agencies, and colleges and universities are eligible to apply for the grants. Deadline: **March 5**.

[Aquatic Nuisance Species Task Force](#) requests proposals to build upon previous assessments and evaluate aspects of outreach campaigns (including Stop Aquatic Hitchhikers, Clean Drain Dry, and PlayCleanGo) to determine what messages and delivery strategies are most effective to achieve desired behavioral changes. Deadline: **March 10**.

[Parks and Trails Partnership Grants](#) - designed to enhance the preservation, stewardship, interpretation, maintenance and promotion of New York State parks, trails, state historic sites and public lands; increase the sustainability, effectiveness, productivity, and volunteer and fundraising capabilities of not-for-profit organizations that promote, maintain, and support New York State parks, trails, state historic sites and public lands; and promote the tourism and economic development benefits of outdoor recreation through the growth and expansion of a connected statewide network of parks, trails, greenways and public lands. Deadline: **March 11**.

[Eighth District Federated Garden Clubs of New York State Scholarship](#) announces a **\$1,000 stipend** will be awarded to a graduating high school senior planning to major in horticulture, agriculture, environmental science or related field and residing in a Western New York county. Deadline: Must be postmarked by **March 15**.

[Organic Transitions Program](#)-The U.S. Department of Agriculture's (USDA) National Institute of Food and Agriculture (NIFA) funding supports research to improve the competitiveness of organic farming and focuses on projects that provide research and technical information to farmers who are either newly adopting organic practices or transitioning producers, enabling them to better understand the economic and environmental benefits of organic production. Deadline: **March 15**.

[Ryan Exline Memorial Scholarship](#)-Jamestown Audubon Community Nature Center education staff are joined by guests and together they raise money through a day long Birdathon. The \$500 scholarship raised through Birdathon is awarded to an area college-bound high school senior or college student who intends to pursue a Bachelor's degree in an environmental or related field. Application Deadline: **March 18**.

[Value Added Producer Grant](#)-This USDA program helps agricultural producers enter into value added activities related to the processing and/or marketing of bio-based, value-added products. Generating new products, creating and expanding marketing opportunities, and increasing producer income are the goals of this program. The grant program awards up to \$250,000 for working capital and \$75,000 for planning. Deadline: **March 22**.

[Air and Waste Management Association Earth Day Grants](#)-Deadline: **March 26, 2021**.

[2021 New York Flora Association Research Grant](#)-This award is designed to promote botanical research in the state of New York. Proposals may be submitted by NYFA members and non-member students conducting research relating to the flora of New York, especially when a substantial portion of the work occurs within the state. Awards are generally limited to \$750 to support each recipient's research proposal. Proposals and supporting letters must be received by **March 31, 2021**.

[YSA's Youth Service Zone grants](#) offer organizations and schools an opportunity to work collaboratively to increase the youth volunteer rates in their community. Each zone will receive a grant of \$15,000 (\$5,000 to each of three collaborative leaders) to support program activities that build partnerships and capacity in order to increase youth volunteer participation rates. Applicants may work locally (city, county, school district), regionally, or statewide, and must be based in the United States. The geographic area of each proposed Zone should include at least 100,000 residents. Deadline: **March 31**.

[Air & Waste Management Association High School Scholarships](#)- For current high school students to use in college. Deadline: **April 9**.

[Air & Waste Management Association College Scholarships](#)-For current college students. Deadline: **April 9**.

[Sustainable Agricultural Systems Request for Applications](#)-The Agriculture and Food Research Initiative's Sustainable Agricultural Systems grant program will fund projects that significantly improve the supply of affordable, safe, nutritious, and accessible agricultural products, while fostering economic development and rural prosperity in America. NIFA seeks applications that take a systems approach for projects focused on the themes in the USDA Science Blueprint. Deadline: **July 1, 2021**.

[DOI FWS Coastal Program](#) - \$13 million, Eligible Entities: county governments, Indian tribal governments, Indian tribal organizations, state governments, city or township governments, independent school districts, unrestricted. The Coastal Program is a voluntary, community-based program that provides technical and financial assistance through cooperative agreements to coastal communities, conservation partners, and landowners to restore and protect fish and wildlife habitat on public and private lands. The Coastal Program staff coordinates with partners, stakeholders and other Service programs to identify geographic focus areas and develop habitat conservation goals and priorities within these focus areas. Geographic focus areas are where the Coastal Program directs resources to conserve habitat for Federal trust species. Deadline: **Sept. 30**.

[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

[Root Down Farm and CSA Greenhouse and High Tunnel Production Head and Farm Crew Members](#)-Clarence farm has various positions for outdoor agricultural work. Open until filled.

[Americorps VISTA Stewardship Coordinator: WNY Land Conservancy](#)- Deadline: **February 5**.

[Buffalo Niagara Waterkeeper Development Director](#)- responsible for the overseeing the organization's advancement, development and fundraising projects, programs and portfolio in support of Buffalo Niagara Waterkeeper's mission to protect and restore our water and surrounding ecosystems while connecting people to water. Deadline: **February 15**.

[Buffalo Niagara Waterkeeper Project Coordinator](#) - responsible for assisting with the implementation of projects and programs in support of Buffalo Niagara Waterkeeper's mission to protect and restore our water and surrounding ecosystems while connecting people to water. This position will be part of a team working under direct supervision to undertake aspects of community outreach, education, tours, volunteer management, special events, and citizen science and restoration projects, including providing technical/scientific and advocacy support. Deadline: **February 15**.

[SNAP-Ed Part-time Educator](#)-CCE of Chautauqua County is seeking an educator for the regional Supplemental Nutrition Education Program (SNAP-Ed) to deliver nutrition education to improve healthy food and lifestyle choices among limited resource families. Bi-lingual required. Part-time position \$16-\$19/hour. Bachelor's degree and ability to meet travel requirements required. Experience in human services desired. Deadline: **February 22, 2021**.

[Jamestown Audubon Nature Education Internship](#)-Part-time, May through August. Lead Discovery Walks; serve as camp counselor through the summer; attend walks and classes led by educators and volunteers for professional development; assist with daily operations of the nature center (including recycling, compost, cleaning, and maintenance); assist with trail and ground work. Deadline: **March 5**.

[ACNC Seasonal Invasive Species Management Assistants](#)- work both onsite and offsite within the Chautauqua Lake Watershed to remove Water Chestnut, an aquatic invasive species. Invasive Management Team members will work with the ACNC Volunteer Coordinator to recruit volunteers and oversee all hand-pulls and treatments of Water Chestnut within the ACNC property. Additional responsibilities include properly maintaining ACNC equipment and cleaning up after hand-pulls. Assistants will also be asked to take photos of their progress, document the number of plants removed, and present an end-of-year synopsis to the Executive Director of ACNC. Deadline: **March 5**.

[Invasive Species Management Assistants](#) (3) will work closely with the WNY PRISM Terrestrial Projects Manager and partners to implement invasive species prevention, early detection, management, and habitat restoration projects within the 8-county WNY PRISM region. The selected candidates will conduct invasive species surveys and assessments, assist with priority invasive species removal and restoration projects, provide project reports and may assist with outreach events such as tabling at farmers' markets or assisting with remote events or webinars. Invasive species removal efforts will include use of both manual and chemical (herbicide) methods. This is primarily a field position and the selected candidates can expect to spend the majority of their time working outdoors in remote locations and will experience inclement weather conditions. The expected timeframe is May 10-September 24, 2021. The deadline for these positions is **Friday, March 5, 2021**.

[Education and Outreach Assistant](#) (1) will work closely with WNY PRISM staff and partners to implement and expand our education and outreach programs and will report directly to the WNY PRISM Education and Outreach Program Manager. Education efforts are essential to the success of the partnership and are integrated into nearly all aspects of WNY PRISM's work. The selected candidate will help maintain the WNY PRISM Listserv and social media accounts, prepare e-newsletters, develop invasive species educational materials, organize and lead virtual education events, maintain detailed records, and communicate with partners. In addition, the Education and Outreach Assistant will assist with invasive species management activities such as invasive species monitoring, surveys, removal and habitat restoration projects, as needed. While subject to change based on current federal, state and local COVID-19 restrictions, there may also be the opportunity to participate in small, socially distanced outreach and volunteer events that the Education and Outreach Assistant will help to organize and participate in. The expected timeframe is May 10-September 24, 2021. The deadline for these positions is **Friday, March 5, 2021**.

[Boat Stewards/Environmental Educators](#) (17) and Lead Stewards (2) will interact daily with the public at boat launches. Boat Stewards will perform voluntary boat inspections to remove visible aquatic plants and animals from all types of watercraft. Removal of aquatic plants and animals will help to prevent the transport and spread of aquatic invasive species. Boat Stewards will also be responsible for public education and distribution of educational materials. Boat Stewards may have the opportunity to assist with invasive species removal projects. Projects may include early detection/rapid response efforts, or control projects to reduce established populations of both aquatic and terrestrial invasive species. Boat Stewards will be assigned to a single, primary launch, however there is the potential for coverage needs to require occasional travel to other launches. Stewards will receive a mandatory two-day training prior to beginning work at their assigned sites. The time frame of mid-May – early September (Memorial Day – Labor Day). The deadline to apply for these positions is **Friday, March 12, 2021**.

[LISC WNY Development Officer for Real Estate](#) - whose key responsibilities include program finance support and housing program support. Qualifications include a Bachelor's degree from an accredited college or university required; post-graduate degree is a plus, and minimum 5 years professional experience in community development, real estate, lending, finance or non-profit field. Deadline: **until filled**.

[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: **until filled**.

[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.

[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. Open until filled.

[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.

[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.

[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](#)

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

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

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

### Tuesday, February 2

**Winter 2021 Virtual IMAGINE Series-** 12:30 to 1pm. Speaker Schedule at [winter-2021-schedule/](http://winter-2021-schedule/). Web link for all IMAGINE programs. <https://us02web.zoom.us/j/85839766406>, most Tuesdays.

**Navigating Race and Inclusivity in Community Gardens-**12 to 1:30pm webinar. Well-meaning people have been organizing since the dawn of the local food movement to create vibrant, urban garden spaces in an effort to build and support their communities. However these efforts, which are often oriented towards the goal of ameliorating social issues such as lack of access to food and green space for marginalized people, sometimes undermine themselves in terms of equity and inclusivity. How can we ensure that our work as community organizers and gardeners is doing more help than harm? Sama will describe some actions (often unconscious) that can potentially turn an inclusive space into an unwelcoming one, and explore what we can do to create a beautifully diverse garden community. To register go to: <https://learning.ndal.org/collections>

**2/2 at 2: Recycling and Buying Recycled Webinar-** 2pm. We all know what recycling is, right? Without buying recycled are we really closing the loop? NYSAR3 and NERC are offering a webinar where you can learn how New York municipalities, counties, agencies, and educational institutions can help recycling markets through the Government Recycling Demand Champion Program. We will help you to buy products with recycled content that will help to improve the value of what is being recycled. The Government Recycling Demand Champion Program is a free program that provides information and support for buying products with post-consumer plastic recycled content. Learn about the program and what it offers to New York during this webinar. [Register.](#)

**Youth In Action: Environmental Activism Through Engaged Art-**1pm webinar. Join Scientist in Every Florida School and EarthEcho International for a conversation with Xavier Cortada, an artist, Professor of Practice at the University of Miami Department of Art and Art History, and Artist-in-Residence at Pinecrest Gardens. Particularly environmentally focused, the work he develops is intended to generate awareness and action towards issues of global climate change and social justice. Xavier strives to use socially engaged art and science to activate change-makers throughout the world. [Register.](#)

**"Sustainable Municipalities: The Function and Impact of Municipal Certification Programs-** 12:00-1:00 p.m. EST. This weekly series of five webinars is sponsored by the [Sustainable States Network](#) and other partners and hosted by the Hixon Center for Urban Ecology at Yale University. Each session will begin with an introduction by Yale faculty followed by municipal leaders presenting innovative case studies across the U.S. Register by going to this link: <https://hixon.yale.edu/events/lecture-series/spring-2021-lecture-series>

**Youth & Climate Justice : Tools for Building a Just Transition-Part of series of 3 sessions.** The WNY Youth Climate Council (WNY YCC) has partnered with the Western New York Environmental Alliance (WNYEA) for an exciting leadership training opportunity for young folks ages 12-22 . (2/2, 2/9, 2/16 - 6:00-7:30PM). We encourage participants to attend all three sessions, but it is not mandatory. Space is limited, so save your spot today! Learn more and register by clicking [HERE!](#) **This session is Climate Campaigning 101: How We Declared a Climate Emergency.** Last October we at the WNY Youth Climate Council worked with elected officials, community members, and local organizations to pass the first Climate Emergency Resolution of our region. Learn about the tools we used to succeed and how you can create your own campaign.

**Local Producer Singer Farms Talk on CBD and CBG-**7pm - 8pm, Tom will be hosting an informational meeting on **CBD**, and our newest offering, **CBG**. He will be explaining how the amazing cannabis plant plays a role in our physical and mental wellbeing. Click <https://us02web.zoom.us/j/9208394719> to join.

**Conversation with Catherine Coleman Flowers**-Webinar 8 to 9pm. A 2020 MacArthur Fellow in Environmental Health, Flowers founded CREEJ, the Center for Rural Enterprise and Environmental Justice, which focuses on reducing health and economic disparities among communities, as well as improving access to clean air, water, and soil in marginalized rural communities. As the author of *Waste: One Woman's Fight Against America's Dirty Secret*, Flowers shares her inspiring story of advocacy, from childhood to environmental justice champion. She discusses sanitation and its combination with systemic class, racial, and geographic prejudice that affects people across the United States. [Register](#).

### Wednesday, February 3

**GBNRTC Meeting**-9:30AM, Join Zoom Meeting: By Computer: <https://us02web.zoom.us/j/81837933814?pwd=alhmRnJDMk40MHNIZENtaHRJcmJZdz09>, Meeting ID: 818 3793 3814, Passcode: 143569, Or By Phone: +1 (929) 205 6099

**Strategies for Collecting Residential Food Waste**-Webinar, 2 to 3:30pm. Composting and anaerobic digestion are great, but first the organics have to be collected. This free webinar being offered by NERC and NEWMOA, will present three models for successful collection of food waste from households. <https://register.gotowebinar.com/register/4664676292280350734>

**Missouri Prairie Foundation Webinar**- 4pm CST. Free. Register at [MPF Webinar: Grassland Amphibians and Reptiles, with Brian Edmond](#). Zoom link will be emailed to you the week of the event. Recordings will be sent to all registrants, the free webinars will be posted publicly at the MPF [YouTube Channel](#).

### Thursday, February 4

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

**Reducing the Health Impacts of the Nitrogen Problem**-2:30-5:30pm, Virtual Workshop as one of series. This workshop hosted by the [Environmental Health Matters Initiative \(EHMI\)](#) will explore what actions can be taken to address the nitrogen contamination problem in agriculture. [Register Now](#). Session II. ["What farm-level actions could be taken to address the nitrogen problem?"](#).

**Sunflowers**-12 to 12:45pm. Genesee County Master Gardeners presentation. Sunflowers are a bright and cheerful addition to any garden. They are easy to grow from seed in almost any type of soil and can be sown in succession for a season full of colorful blooms. Sunflowers can be grown for cut flowers, a colorful garden display or even for edible seed; for you or the birds. Whether you want short, medium, or tall; yellow, burgundy or orange, there's a sunflower for you. Master Gardener Brandie W give this talk. The talks are free, but registration is required. After registering, a Zoom link will be sent to your email. [Register for "Sunflowers" here](#).

**Becoming an Outdoors Woman Workshops: Winter Recreation**-6:30pm. Virtual. [Register for the workshop now](#).

**Water Reclamation and Reuse Solutions**-1 to 2pm webinar. Presenter Bob Salvatelli. Water security, whether triggered by revolving drought or infrastructure failure, is a common and growing concern across the United States. In light of these stresses, bulk water users are turning to water reclamation to enhance water security and create more resilient facilities and campuses. Decentralized water reclamation and reuse enables organizations to recycle billions of gallons and save hundreds of thousands of dollars each year. Free. [Register](#)

**Developing your Digital Story**-1:30-2:45pm. Anyone interested in honing digital advocacy skills on social media for their organization or issue area is welcome to attend. The group workshop will provide valuable skills to organizations at all levels of crafting their digital narrative, and the optional small group consultations can address individual progress and questions. [Register here](#)

## Friday, February 5

**Great Backyard Bird Count- 7PM - 8PM** – Webinar Learn everything you need to know to participate in the Great Backyard Bird Count February 12-15! We'll show you how to complete an eBird checklist and talk about the history and importance of this annual community science event. Pre-registration is required. Donations gratefully accepted. Link will be provided. (585) 457-3228.

**OceanEcho: Catch the Wave to Protect the Ocean-3pm** webinar. [Register](#). EarthEcho International was founded on the belief that young people have the power to change the world. You're invited to join a conversation with EarthEcho Youth Leadership Council members as they demonstrate how they are taking action to protect the ocean. In 2020, EarthEcho launched #OceanEcho30x30, a campaign to ignite activism in ocean conservation. This session is part of the 2021 National Biodiversity Teach-In, a yearly series of free biodiversity webinars organized by students for students. View the entire NBTI schedule at <https://nationalbiodiversityteachin.com/>.

## Saturday, February 6

**Animal Tracks on Snowshoes-10am to noon** at [Beaver Island State Park](#). Join an exciting search through a snow-covered forest, where every track tells a story. *For information & registration call (716) 549-1050.*

**Groundhogs and Woolly Bears-10am.** Explore the folklore of weather predictors and discover the best spots to watch for signs of spring at Reinstein Woods. Pre-registration required; call 716-683-5959.

**Virtual Gardening Class: Herbal Medicinals with Sarah Sorci** - 11am. Sponsored by Grassroots Gardens and Urban Roots. Registration necessary [using this link](#). Courtesy of **Herbalists Without Borders WNY Chapter**, participants will be invited to select 1-2 herb seed packets at the Grassroots Gardens office following the event. While the workshops are free to all, this year we are suggesting a \$5 donation to our partners at the Northeast Farmers of Color Land Trust with the goal of supporting their efforts towards equity in local food systems. You can donate at <https://nefoclandtrust.org/reciprocity>

**Virtual Superb Owl Saturday-** online activities with Buffalo Audubon. Join us for Superb Owl V! We'll be hosting an afternoon of online activities, and live animal presentations celebrating everything about our favorite Owls! Pre-registration is required. \$40 includes all virtual programs and 1 owl pellet dissection kit delivered in the mail. \$5 for each additional pellet. Links will be provided. Owl Pellet Dissection with Lauren – 12PM - 1PM Owls of WNY with Tom – 2PM - 3PM Live Owls with Messinger Woods Wildlife Care and Education Center - 4PM - 5PM Owl Prowl with special guest Chuck Rosenberg 6PM - 7:30PM. **To register and pay in advance, please call (585) 457-3228.**

**Volunteers for Seed Planting-10am to noon.** BWELL and the Buffalo Olmsted Parks Conservancy are looking for a small group of volunteers to help with the seed germination of native species that will be planted in MLK Jr. Park this spring! This event will be hosted in the park's greenhouse. There is a limit of 10 participants per NYS guidelines. Masks and pre registration are required. **Please register [HERE](#)**

**Winter Snowshoe/Hike at Pfeiffer-10am to 11am.** Pre-registration is required. Email [naturalist@pfeiffernaturecenter.org](mailto:naturalist@pfeiffernaturecenter.org) or call 716-933-0187 **by Tuesday, February 2nd.**

## Sunday, February 7

**Learn to Cross-Country Ski-10am** at Reinstein Woods. (Members-Only). Learn the basics of cross-country skiing before going on a short, guided ski tour. \$15.00/person; Friends members = \$10.00. Pre-registration required; [Register Here](#)

## Tuesday, February 9

**Winter 2021 Virtual IMAGINE Series- 12:30 to 1pm.** Speaker Schedule at [winter-2021-schedule/](#). Web link for all IMAGINE programs. <https://us02web.zoom.us/j/85839766406>, most Tuesdays.

**Winter Tree I.D.**-10am to noon at Knox Farm State Park. Identifying tree species in winter can be an exciting challenge. Hone your skills and learn to identify trees based on their shape, bark and twigs. *For information & registration call (716) 549-1050.*

**Winter Weeds Walk**- 1 to 3pm at Knox Farm State Park. The greens of summer have long been gone yet many of our favorite plants remain, do you recognize them? Join our hike to learn some of our common winter weeds. *For information & registration call (716) 549-1050.*

**Annual Spring Bloom Classes with Cornell Cooperative**- 6:30 to 8pm. Classes also on Feb. 18 and Feb 27. Fees are \$15/class. Check the website for which date each topic will be presented and registration info. <http://erie.cce.cornell.edu/events>

**"Sustainable Municipalities: Net Zero Communities**- 12:00-1:00 p.m. EST. This weekly series of five webinars is sponsored by the [Sustainable States Network](#) and other partners and hosted by the Hixon Center for Urban Ecology at Yale University. Each session will begin with an introduction by Yale faculty followed by municipal leaders presenting innovative case studies across the U.S. Register by going to this link: <https://hixon.yale.edu/events/lecture-series/spring-2021-lecture-series>

**"In Search of Some Rare Ones."**-7:30pm. Niagara Frontier Botanical Society. Our virtual speakers will be Bonnie & Joe Isaac, who have been searching for plants of special concern in Pennsylvania during the last two field seasons. Bonnie is Collections Manager of the herbarium at the Carnegie Museum of Natural History, and also current president of the Botanical Society of Western PA. Joe is now retired, having served as an urban forester, and as a field botanist for the Carnegie Museum. Link [here](#)

**Youth & Climate Justice : Tools for Building a Just Transition-Part of series of 3 sessions.** The WNY Youth Climate Council (WNY YCC) has partnered with the Western New York Environmental Alliance (WNYEA) for an exciting leadership training opportunity for young folks ages 12-22 . **(2/2, 2/9, 2/16 - 6:00-7:30PM)**. We encourage participants to attend all three sessions, but it is not mandatory. Space is limited, so save your spot today! Learn more and register by clicking [HERE!](#) **This session is Intersectionality and the Climate Classroom.** Join co-founder of the WNY Youth Climate Action Summit, Kelli Grabowski to learn about how to understand the impact of climate change through an interdisciplinary lens.

### Wednesday, February 10

**Virtual Program: Under the Ice**-10am. Where do beavers and turtles go in the winter? Join us for a virtual exploration of what is living under the ice at Reinstein Woods. Pre-registration required; [Register Here](#)

**Rising to the Climate Challenge**- 1:00 to 2:00 p.m. (EST) Maria Carmen Lemos, University of Michigan. To register for this event, please email [cfracademic@cfr.org](mailto:cfracademic@cfr.org)

**Buffalo Ornithological Society Meeting**-Meeting, 7pm. Rarity Roundup! Zoom - connection details to follow as we get closer. <https://www.buffaloornithologicalsociety.org/Calendar.aspx>

### Thursday, February 11

**Climate Change from the Streets: Advancing Environmental Justice and Equitable Climate Change Solutions**- 5:00-6:30 PM EST. Please join the Yale School of the Environment for an online panel discussion on grassroots climate change action and environmental justice. The event celebrates panelist Michael Mendez's recently released book, *Climate Change from the Streets: How Conflict and Collaboration Strengthen the Environmental Justice Movement*, currently available from the [Yale University Press](#). The panel features high-profile sustainability policymakers who will share their vision for justice-based climate change solutions -- and discuss how concrete policy changes can be achieved by organizers. Please register [here](#).

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

**Phragmites Control Strategies: A Webinar for Land Managers**-8:50am – 5:00pm. This webinar is hosted by the Long Island Invasive Species Management Area and includes presentations such as "Phragmites control and habitat restoration at Lake Marion, a freshwater lake and wetlands on the North Fork of Long Island" - Peter Meleady, Freelance Horticulturist and Ecologist, Long Island, New York and "Great Lakes Phragmites Collaborative: Regional collaboration through a common agenda" - Samantha Tank, Program Specialist for the Aquatic Invasive Species Program, Great Lakes Commission, Ann Arbor, Michigan. Visit the [event page](#) to learn more and register in advance.

**Reducing the Health Impacts of the Nitrogen Problem**-2:30-5:30pm, Virtual Workshop as one of series. This workshop hosted by the [Environmental Health Matters Initiative \(EHMI\)](#) will explore what actions can be taken to address the nitrogen contamination problem in agriculture. [Register Now](#). Session III. ["What landscape-level actions and innovative technologies could be used to address the nitrogen problem?"](#)

**Becoming an Outdoors Woman Workshops: Direction/Compass**-6:30pm. Virtual. [Register for the workshop now](#).

**Energy Impacts of COVID-19: Solutions to Offset Increased Energy Expenses**-2pm webinar. [Register](#). In the pursuit of healthier indoor environments, commercial buildings have shifted toward increasing the amount of outside air, filtration requirements and use of air-cleaning technologies that result in better indoor air quality (IAQ), thermal health, and peace of mind for occupants. Yet, many of the solutions deemed most effective in increasing healthier outcomes can result in increased energy usage and impact building owners' and tenants' operating expenses. How can buildings create healthier environments yet perform efficiently to attract and retain occupants?

## Friday, February 12

**3RD Annual Birds on the Niagara International Bird Festival**- 3 days, multiple events, No Registration Required. All Programs Free and Open to the Public. [Speakers](#) You Will Be Able To Attend All Festival Programming On This Website and on [Facebook](#). **6:00-7:00 PM, Birds on the Niagara 2021 Meet and Greet Speakers and online Silent Auction, 7:00-8:00 PM, Justin Peters -Program Title: "Moving Beyond Seagulls: An Introduction to Gulls", 8:00-8:30 P.M., Virtual Owl Prowl. If conditions permit, join us for an Owl Prowl hosted by the [Buffalo Audubon Society](#).**

**Joint Science Talk with Dr. Alan Strauss**-7pm. Join Penn Dixie for a talk by Dr. Alan Strauss who is the director of the UA Science: Sky School and Mt. Lemmon Sky Center. He earned his doctorate from the University of Arizona's College of Education, and has over 20 years administrative experience and 10 years teaching experience at the university. He also has a background in outdoor education and recreation especially with persons with disabilities and at-risk youth. [Sign Up Here!](#)

**"Soul Food As Healing: Reclaiming Narratives Around African American Foodways and Food Systems,"**- 12 p.m. EST. This monthly webinar is for farmers, food producers, and food system workers interested in digging into the intersection of food, agriculture, and social justice. The next session, [Learn more and register](#).

**Stages of STEM: Generations of Innovation**-1pm. [Register](#). Join EarthEcho International for a conversation with women from all stages in their STEM careers. Experts will share their career pathways, challenges they've faced, and how attitudes towards women in STEM have changed over the years. Participants will learn about different STEM careers, opportunities for students interested in STEM, and have the opportunity to ask questions of our experts.

**WNY Stormwater Coalition Meeting**-2 to 3:30pm, Julia Boyer Reinstein Library, 1030 Losson Rd., Cheektowaga. <https://www2.erie.gov/environment/index.php?q=western-new-york-stormwater-coalition>

**Go Bike Virtual Valentine's Day Party-** 7 pm for a virtual Valentine's Day bike party! We'll share our community bike love, including the people, places, projects, and inspiring stories that warmed our hearts this year. GObike will celebrate our community accomplishments from the past year, and we'll kick it with food, music, and friends in the comfort of our own homes! The best part is a gift package delivered to your door by local bike delivery service [Queen City Couriers!](#)  
Cost: \$25. [Register here](#)

### Saturday, February 13

**Winter Survival Skills Series (1 of 2): Snow Shelter Construction-** Join Earth Spirit from 10:00am-12:30pm at Buffalo Ski Center, Tamarack Lodge. This program will focus on the construction of a quinzee (dug out snow mound). We will also go through the construction of a trench style shelter. Both snow shelters are important to keep you from the dangers of the cold wind and hypothermia. Come in your winter gear and be prepared for hard work and fun!! Ages 12 and up. No exceptions. *This is program #1 of a two-program series. Register for the whole Survival Skills Series for a per-program discount!* <https://earthspiritedu.org/events/>

**Winter Wonderland Ski Tour!**-10am to noon at [Evangola State Park](#). Cross-country skiing is a wonderful way to enjoy winter at nearby parks! Learn or improve your technique with the Buffalo Nordic Ski Club experts and NYS Parks. *For information & registration call (716) 549-1050.*

**Buffalo Harbor Birding-**10am to 11am at [Buffalo Harbor State Park](#). Celebrate winter birds as we walk along the promenade and look for waterfowl, gulls and snowy owls! *For information & registration call (716) 549-1050.*

**Family Nature Quest: Winter Wildlife-**10:30am. Join us for a guided morning walk along the trails as we look for signs of wildlife. Pre-registration required; call 716-683-5959.

**Birding at Niagara-**10 to 11am at [Niagara Falls State Park](#). Educators will be at the bottom of the Cave of the Winds elevator to guide your exploration of the winter birds that call this river home. *For information call (716) 282-5154.*

**Remarkable Reptiles-** 2:00-3:30. Buffalo Zoo. Did you know that turtles can breathe through their butts? Or that anacondas can go months without eating? Learn all this and more in this workshop all about our scaly friends. Register at <https://buffalozoo.org/single-experience/wild-workshops/>

**3RD Annual Birds on the Niagara International Bird Festival-** 3 days, multiple events, No Registration Required. All Programs Free and Open to the Public. [Speakers](#) You Will Be Able To Attend All Festival Programming On This Website and on [Facebook](#). **2:00 P.M. - 3:00 PM, Program Title: Virtual Winter Backyard Birds, Presented by [Tiftt Nature Preserve](#); 3:00 PM - 4:00 PM, Program Title: The Niagara River Globally Significant Important Bird Area and the Ramsar Wetlands of International Significance, Presented by Jajeon Rose-Burney and Jay Burney; 4:00 PM - 5:00 PM, Program Title: Keeping Birds Safe from Daytime and Nighttime Building Collisions, Presented by Paloma Plant, Project Coordinator and a co-founder of FLAP Canada Fatal Light Awareness Program (FLAP Canada); 5:00 PM - 6:00 PM, Program Title: The Bird Friendly and Biophilic City: Integrating Safe natural Habitats into Urban Design and Planning, Presented by Timothy Beatley. 6:00 - 7:00, KEYNOTE PRESENTATION-Program Title: Coloring the Conservation Conversation by J. Drew Lanham.**

### Sunday, February 14

**Wildlife Tracking by Ski!**- 10:00 a.m. – 12:00 p.m at [Buckhorn Island State Park](#). Glide through the snow on skis to discover animal tracks on forest trails! Free ski loan or bring your own. *For information & registration call (716)549-1050.*

**Great Backyard Bird Count-**1:00 p.m. – 3:00 p.m. at [Knox Farm State Park](#). Get your binoculars ready and join us for the Great Backyard Bird Count! This annual citizen-science project invites bird watchers of all ages to count birds to create a real-time snapshot of bird populations. *For information & registration call (716) 549-1050.*

**Valentine's Day Candle Lantern Walk**-6:30 p.m. – 8:00 p.m. at DeVeaux Woods State Park. Happy Valentine's Day! Make a lantern and discover the night with a walk through the old growth woods. *For information & registration call (716) 282-5154.*

**3RD Annual Birds on the Niagara International Bird Festival**- 3 days, multiple events, No Registration Required. All Programs Free and Open to the Public. [Speakers](#) You Will Be Able To Attend All Festival Programming On This Website and on [Facebook](#). **11:00 AM -12:00 PM, Program Title: Conservation of Bird Habitats on the Niagara River, Presented by the Niagara River Greenway Commission. 12:00 PM - 1:00 PM, Program Title: Conserving Critical Places in the Niagara Region: Saving Waverly Woods, Presented by Marcie Jacklin and Jay Burney. 1:00 PM - 2:00 PM, Program Title: The Habitat Project Presented by Ann McCooley, Project Manager of the Black Rock Riverside Alliance, in Buffalo (BRRAlliance); 2:00-3:00 PM, Program Title: Niagara Falls, North America's Destination for Gulls- Presented by the Buffalo Audubon Society; 3:00 PM-4:00 PM, Program Title: A Birds Eye View of the Niagara River, Presented by Amanda Bichel of Birds Canada; 4:00 PM - 5:00 PM, Program Title: BON21 Closing Roundtable.**

### Monday, February 15

**Gardens After Dark**-5:30pm and later time slots. [Timed Tickets](#). Visit the Botanical Gardens after dark for this magical experience. The Botanical Gardens and the plant collection will be highlighted with soft lighting to enhance the shapes, sizes, textures and colors all the plants and the larger than life glass conservatory. Bring a friend, your family or a date to this wonderful tropical escape! To learn more about Gardens After Dark, read below. RESERVATIONS ARE REQUIRED for all visitors, including members, due to capacity limitations.

### Tuesday, February 16

**Winter 2021 Virtual IMAGINE Series**- 12:30 to 1pm. Speaker Schedule at [winter-2021-schedule/](#). Web link for all IMAGINE programs. <https://us02web.zoom.us/j/85839766406>, most Tuesdays.

**Fun Facts with Kelly: Niagara Falls Trivia**-6:00 p.m. – 7:30 p.m.DeVeaux Woods State Park. Come on out to play a game of trivia - Jeopardy style! From Daredevils to Natural History and everything in between, compete with friend and foe for a chance to win a small prize! *For information & registration call (716) 282-5154.*

**Virtual Program: Tips for Winter Play**-10am. Worried about being bored this school break? Join us for a short presentation on winter nature play ideas and make a bucket list for your break week! Pre-registration required; [Register Here](#)

**Toddler Time : Oh Deer!** -10AM to 11:30AM. Beaver Meadow Audubon Center. Let's learn about our furry forest friends – deer! We'll read a story, go on a hike to look for deer and make a fun craft! Pre-registration is required. \$10 per child.\$10 Non-Members/\$8 BAS Members. Ages 2-4. [www.buffaloudubon.org](http://www.buffaloudubon.org)

**"Sustainable Municipalities: Safe Mobility for All**- 12:00-1:00 p.m. EST. This weekly series of five webinars is sponsored by the [Sustainable States Network](#) and other partners and hosted by the Hixon Center for Urban Ecology at Yale University. Each session will begin with an introduction by Yale faculty followed by municipal leaders presenting innovative case studies across the U.S. Register by going to this link: <https://hixon.yale.edu/events/lecture-series/spring-2021-lecture-series>

**Youth & Climate Justice: Tools for Building a Just Transition-Part of series of 3 sessions.** The WNY Youth Climate Council (WNY YCC) has partnered with the Western New York Environmental Alliance (WNYEA) for an exciting leadership training opportunity for young folks ages 12-22 . (2/2, 2/9, 2/16 - 6:00-7:30PM). We encourage participants to attend all three sessions, but it is not mandatory. Space is limited, so save your spot today! Learn more and register by clicking [HERE!](#) **This session is Climate Action: From Your Home to DC.** We invited Sarah Wooton, Community Researcher from Partnership for the Public Good and Geovaira Hernandez, Lead Organizer of NY Renews Coalition to talk about local and state climate justice initiatives and how you can take action!

**Virtual Broderick Park Public Art Town Hall-6pm with Mayor Brown.** [Link info.](#)

### **Wednesday, February 17**

**Missouri Prairie Foundation Webinar- 4pm CST.** Free. Register at [Grow Native! Webinar: Native Predatory Wasps, with Heather Holm](#). Zoom link will be emailed to you the week of the event. Recordings of the programming will be sent to all registrants, the free webinars will be posted publicly at the MPF [YouTube Channel](#).

**Becoming an Outdoors Woman Workshops: Knowing Knots-6:30pm.** Virtual. [Register for the workshop now.](#)

**Planning for Bird-Friendly Cities That Put Nature First-4:00 - 5:00 p.m. EST.** From his new book *The Bird-Friendly City*, Timothy Beatley, PhD presents new ideas around how cities can reduce dangers to birds and design buildings and urban neighborhoods that make room for biodiversity. Join Audubon to learn about bird conservation efforts worldwide, from swifts in London to Burrowing Owls in Phoenix. Beatley places urban bird conservation efforts in the larger context of the global movement towards “Biophilic Cities,” cities that put nature at the center of their design and planning and that recognize the innate need for human connection with other species and the natural world. [Register](#) for link.

### **Thursday, February 18**

**Learn to Cross-Country Ski-10am** at Reinstein Woods. Learn the basics of cross-country skiing before going on a short, guided ski tour. \$15.00/person; Friends members = \$10.00. Pre-registration required; [Register Here](#)

**Annual Spring Bloom Classes with Cornell Cooperative- 6:30 to 8pm.** Classes also on Feb. 18 and Feb 27. Fees are \$15/class. Check the website for which date each topic will be presented and registration info. Growing Fruits and Vegetables in the Home Garden with Esther Kibbe and Paul Kranz. <http://erie.cce.cornell.edu/events>.

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

**Reducing the Health Impacts of the Nitrogen Problem-2:30-5:30pm,** Virtual Workshop as one of series. This workshop hosted by the [Environmental Health Matters Initiative \(EHMI\)](#) will explore what actions can be taken to address the nitrogen contamination problem in agriculture. [Register Now](#). Session IV. ["What policies and markets could be created to address the nitrogen problem?"](#)

**Becoming an Outdoors Woman Workshops: Winter Wellness-6:30pm.** Virtual. [Register for the workshop now.](#)

**Succulent Garden Workshop-6:30-7:30 p.m.** on three dates by the Buffalo and Erie County Botanical Gardens. The dates are Thursday, Jan. 28, Feb. 18 and April 15. Design a unique succulent container garden while learning more about these exciting low-maintenance plants. Learn how succulents grow and how to propagate them while adding some creative touches to your garden. Containers, soil, plants and supplies are included. Fast, easy and safe pickup for materials will occur from 4:30-5:30 p.m. the day of class. The class will be offered via Zoom Meeting, a free online audio-visual platform. All adult classes and workshops are recorded and are available for one week after the class. Therefore, if you miss the class, you will have one week to catch up on the class at your convenience. Review our class information and procedures for more information. The cost is \$35 for the public and \$31.50 for members. [Register here.](#)

**Strategies for System Change and Tackling Wicked Sustainability Challenges-1:15 to 2:45pm** webinar. Solving today’s wicked sustainability challenges requires system change. The bulk of the webinar will present case studies that illustrate several of these tools, discuss the challenges and opportunities of being a systems change agent, and identify resources professionals can use to build their capacities as change agents. [Register.](#)

## Saturday, February 20

**Winter Survival Skills Series (2 of 2): Fire Building-** Join Earth Spirit from 10:00am-12:30pm at Buffalo Ski Center, Tamarack Lodge. Keeping warm is paramount to surviving outdoors. Moisture, snow and wind really complicate this aspect of basic survival. This session will focus on natural tinder sources that can be found around us, where and how to gather kindling that will burn effectively, and the basics of fire pit set up in snowy conditions. Individuals will work in teams to collect fire building components and practice the art of no-match fire building. Come in your winter gear and be prepared for hard work and fun!! Ages 12 and up. No exceptions. *This is program #1 of a two-program series. Register for the whole Survival Skills Series for a per-program discount!* <https://earthspiritedu.org/events/>

**Frozen Swamp Walk-**10:00 a.m. – 12:00 p.m. Evangola State Park. Venture out for a unique chance to explore a forested swamp frozen in time. ***For information & registration call (716) 549-1050.***

**Birding 101-**10am. Learn how to bird during wintertime by searching for them at Reinstein Woods. Bring binoculars if you have them. Pre-registration required; call 716-683-5959.

**Virtual Gardening Class: Veggie Gardening, Timing, and Tips with Rachel Gottlieb** - 2pm. Sponsored by Grassroots Gardens and Urban Roots. Space is limited and registration necessary at <https://www.facebook.com/events/386195709309011/>. While the workshops are free to all, this year we are suggesting a \$5 donation to our partners at the Northeast Farmers of Color Land Trust with the goal of supporting their efforts towards equity in local food systems. You can donate at <https://nefoilandtrust.org/reciprocity>

**Online Horticulture Classes** - 11am-1pm, General Public - \$25 per class or \$125 per series, Members - \$22.50 per class or \$112.50 per series. Join us on Zoom for an entertaining garden education with David Clark, Horticulturist & CNLP. David is fast becoming one of the country's noted garden speakers! These classes are great for beginners or gardeners and landscapers 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. In order to maintain the safest environment possible, classes will be offered via Zoom Meeting, a free online audio-visual platform. All adult classes and workshops are recorded and are available for one week after the class. <https://www.buffalogardens.com/collections/classes-and-workshops/products/horticulture-classes>

**National Birdfeeder Month Birdfeeder Livestream with The Field Guides-** 10AM to 12PM. Webinar Join Bualo Audubon with the hosts of the popular podcast The Field Guides for a livestream of the birdfeeders at Beaver Meadow. We'll talk about everything we love about our backyard birds and what we can do to attract more birds to our feeders. Pre-registration is required. \$10 Non-Members/\$8 BAS Members. Link will be provided. (585) 457-3228.

**Astronomy 101-** 1 to 2pm. Introducing Penn Dixie's new monthly Workshop series. This series is meant to tap into your interests, spark your creativity, and sharpen some new skills along the way. End Penn Dixie's "Astronomy Month" with Head Astronomer and Buffalo Astronomical Association member Ernie Jacobs as he teaches us the proper keeping and care of telescopes and some basic astronomy that you can use everyday. Please email any specific telescope model questions to [astronomy@penndixie.org](mailto:astronomy@penndixie.org) before the event so that our experts are able to research your inquiry in the hopes of providing you the best answer. [Sign Up Here!](#)

## Sunday, February 21

**Gardens After Dark-**5:30pm and later time slots. [Timed Tickets.](#) Visit the Botanical Gardens after dark for this magical experience. The Botanical Gardens and the plant collection will be highlighted with soft lighting to enhance the shapes, sizes, textures and colors all the plants and the larger than life glass conservatory. Visitors will enjoy this Enchanted Winter Escape as light bounces around, snowflakes dance through the dome, rocks glow through the desert and twinkling terrariums hang over head. Bring a friend, your family or a date to this wonderful tropical escape! To learn more about Gardens After Dark, read below. RESERVATIONS ARE REQUIRED for all visitors, including members, due to capacity limitations.

## Tuesday, February 23

**Winter 2021 Virtual IMAGINE Series-** 12:30 to 1pm. Speaker Schedule at [winter-2021-schedule/](https://winter-2021-schedule/). Web link for all IMAGINE programs. <https://us02web.zoom.us/j/85839766406>, most Tuesdays.

**"Sustainable Municipalities: Reinventing Greenspaces-** 12:00-1:00 p.m. EST. This weekly series of five webinars is sponsored by the [Sustainable States Network](#) and other partners and hosted by the Hixon Center for Urban Ecology at Yale University. Each session will begin with an introduction by Yale faculty followed by municipal leaders presenting innovative case studies across the U.S. Register by going to this link: <https://hixon.yale.edu/events/lecture-series/spring-2021-lecture-series>

**Identifying & Reporting Spotted Lanternfly and Tree-of-heaven with NY iMapInvasives-**1:00 – 2:30pm. We need help from citizen scientists throughout New York State to keep a lookout for the highly invasive spotted lanternfly and its favored host, tree of heaven. Join this webinar to learn identification tricks and reporting protocol. Please [register in advance](#).

**"Re-Frame the Narrative"-**7 to 8pm. NYState Outdoor Education Association. Join [Priya Parrotta](#), Founder of [Music & Earth International](#) as she discusses her personal story as an Indian/Puerto Rican climate activist, writer and musician, her work with students and how she uses her music as a tool for solidarity and environmental activism. For link: <https://www.nysoea.org/upcoming-programs.html>

## Wednesday, February 24

**Missouri Prairie Foundation Webinar-** 4pm CST. Free. Register at - [Grow Native! Webinar: Invasive Plant Q & A, with Dr. Quinn Long and Matt Arndt](#). Zoom link will be emailed to you the week of the event. Recordings of the programming will be sent to all registrants, the free webinars will be posted publicly at the MPF [YouTube Channel](#).

**4-hour Erosion, Sediment Control and Stormwater Training-**Contractor Workshop on February 24, 2021. Seating will be limited to allow proper social distancing and other safety measures. [Flyer](#), [Registration Form](#)

**The Top 10 Tree Insects and Diseases of New York State-**9 to 10:30am. This session will define the Top 10 tree insects and diseases found in New York State, look to the environmental and cultural conditions impacting trees, offer insight into the "tops" of each category and provide attendees with proactive management and mitigation in plant health care. This talk is hosted by the NYS Nursery and Landscape Association. Please [register in advance](#) (this event is not free to attend).

**Steering Societies Beyond GDP to the SDGs-**1:15 to 2:15pm. With ecological economist and futurist Hazel Henderson will feature green bank executive Ken LaRoe who founded First Green Bank, the first bank of its kind to promote positive environmental and social responsibility while operating as a traditional community bank. Now Ken is launching Climate First Bank, starting in St. Petersburg, as a full-service community bank on a mission to positively impact the triple bottom line: people, planet, and prosperity, introducing Values-Based Banking to an unserved community. Join us to learn how Ken's efforts are steering society to SDGs. [Register](#). **Making sense of social conflict over invasive species management-** 11am to 12pm webinar, presentation by Wade Simmons – Graduate Student, Cornell University as part of New York Statewide Invasive Species Speaker Series. [Zoom link](#) and follow the on-screen call-in details. If you cannot make the call, recordings of all past presentations can be found on the [NY Invasive YouTube Channel](#).

**Fit-for-Purpose Water Updates and Life Cycle Comparisons of Non-Potable Water Reuse-**2 to 3pm. EPA Water Research Webinar Series. Free. [Register](#).

## Thursday, February 25

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

**PART 1: Take Action Against Hemlock Woolly Adelgid** – 3 to 4:30pm. Join the Adirondack Park Invasive Plant Program and expert researchers from the [New York State Hemlock Initiative](#) to learn all about this damaging invasive insect, understand how to identify HWA in the field, and gain the skills you need to take action to protect local forests. [Register here](#). The best way to aid Hemlock forests against the negative impacts of HWA, is to find it early before infestations grow out of control. [Part 2 of this Citizen Science Training to be held on Wednesday, March 3<sup>rd</sup> from 10:00 to 11:00 am, participants have the option to join live via Zoom or watch recorded webinars to custom fit scheduling needs.](#) In order to maximize this short training, APIPP [highly recommends signing up for a free iMapInvasives Account](#) prior to the workshop. [Self guided iMap Trainings](#) are available to walk you through the process if you want to get started using these fun maps early!

**Reducing the Health Impacts of the Nitrogen Problem**-2:30-5:30pm, Virtual Workshop as one of series. This workshop hosted by the [Environmental Health Matters Initiative \(EHMI\)](#) will explore what actions can be taken to address the nitrogen contamination problem in agriculture. [Register Now](#). Session V. ["Reflection and Synthesis."](#)

**Becoming an Outdoors Woman Workshops: Ice Fishing**-6:30pm. Virtual. [Register for the workshop now](#).

**Keep America Beautiful: Zero Waste Communities**-2:00 p.m. EST webinar, [Register](#). Cities and towns across the United States have developed and launched comprehensive plans with clear timetables in their drive toward waste-free communities. They are now taking action to achieve these ambitious goals. These actions are also proving key to making our urban centers cleaner, healthier, and more resilient. In this webinar, you'll be learning how these municipalities are: Defining zero waste; Creating an inclusive process for building a city-wide consensus; Identifying key elements of a zero-waste plan and Securing measurable gains.

**When Doing Nothing is the Best Invasive Plant Management Tool**- Join NYISRI for a webinar at 11am, as Dr. Bernd Blossey from Cornell University speaks on recently published research on garlic mustard. [Learn more and register here >>](#)

#### Friday, February 26

**"Lug Your Mug" A Stroll at the Park**-5:00 p.m. – 6:30 p.m. [DeVeaux Woods State Park](#). Grab your favorite mug or thermos and take a stroll through the cool winter air at the park. Bundle up and sip some hot chocolate while taking in the views of old growth woods. Weather permitting, the adventure will be taken on snowshoes. *For information & registration call (716) 282-5154.*

#### Saturday, February 27

**Birding on the River**-10:00 a.m. – 11:30 a.m. [Beaver Island State Park](#). Come seek migratory waterfowl and other winter birds along the Niagara River. We'll visit the lagoon overlook and a few other viewing areas in Beaver Island State Park. *For information & registration call (716) 282-5154.*

**Family Snowshoe Hike**-10am. Explore the woods on snowshoes. We will still walk if there is no snow. \$15.00/person; Friends members = \$10.00. Pre-registration required; [Register Here](#)

**Virtual Gardening Class: Rainwater Harvesting & Best Practices with Akin Olu** - 2pm. Sponsored by Grassroots Gardens and Urban Roots. Space is limited and registration necessary at <https://www.facebook.com/events/386195709309011/>. While the workshops are free to all, this year we are suggesting a \$5 donation to our partners at the Northeast Farmers of Color Land Trust with the goal of supporting their efforts towards equity in local food systems. You can donate at <https://nefoilandtrust.org/reciprocity>

**Beaver Meadow Birding**- 10AM - 12PM. Beaver Meadow Audubon Center Join us of a winter birding hike around Beaver Meadow! We'll search for the usual winter residents as well as any Winter Finches who might have found their way south to us. Binoculars are available. Meet at the Nature Center. Pre-registration is required. \$10 Non-Members/\$8 BAS Members. (585) 457-3228.

**Annual Spring Bloom Classes with Cornell Cooperative-** 10 to 11:30am. Fees are \$15/class. Check the website for which date each topic will be presented and registration info. Meatballs, Volcanos, and Other Garden Malpractices with Peggy Koppmann. <http://erie.cce.cornell.edu/events>

**Online Horticulture Classes** - 11am-1pm, General Public - \$25 per class or \$125 per series, Members - \$22.50 per class or \$112.50 per series. Join us on Zoom for an entertaining garden education with David Clark, Horticulturist & CNLP. David is fast becoming one of the country's noted garden speakers! These classes are great for beginners or gardeners and landscapers 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. In order to maintain the safest environment possible, classes will be offered via Zoom Meeting, a free online audio-visual platform. All adult classes and workshops are recorded and are available for one week after the class. <https://www.buffalogardens.com/collections/classes-and-workshops/products/horticulture-classes>

### **Sunday, February 28**

**Gardens After Dark**-5:30pm and later time slots. [Timed Tickets](#). Visit the Botanical Gardens after dark for this magical experience. The Botanical Gardens and the plant collection will be highlighted with soft lighting to enhance the shapes, sizes, textures and colors all the plants and the larger than life glass conservatory. Visitors will enjoy this Enchanted Winter Escape as light bounces around, snowflakes dance through the dome, rocks glow through the desert and twinkling terrariums hang over head. Bring a friend, your family or a date to this wonderful tropical escape! To learn more about Gardens After Dark, read below. **RESERVATIONS ARE REQUIRED** for all visitors, including members, due to capacity limitations.

### **Tuesday, March 2**

**Winter 2021 Virtual IMAGINE Series-** 12:30 to 1pm. Speaker Schedule at [winter-2021-schedule/](#). Web link for all IMAGINE programs. <https://us02web.zoom.us/j/85839766406>, most Tuesdays.

**"Sustainable Municipalities: Ecodistricts-** 12:00-1:00 p.m. EST. This weekly series of five webinars is sponsored by the [Sustainable States Network](#) and other partners and hosted by the Hixon Center for Urban Ecology at Yale University. Each session will begin with an introduction by Yale faculty followed by municipal leaders presenting innovative case studies across the U.S. Register by going to this link: <https://hixon.yale.edu/events/lecture-series/spring-2021-lecture-series>

## **Tips for the Environment:**

**Reduce Waste during cooking and food storage-** You can [re-use parchment paper](#) five times, so long as you aren't using it at super-high temperatures. Discard when it is brittle. Baking your own bread? The best way [to freeze bread is to slice it first](#) so you only have to defrost as much as you need and you can toast it straight from the freezer. Your citrus peels can be used for zest- [You can save that zest for later](#). Wrap the zest tightly in plastic, and keep it in the freezer.

**Wear disposable contacts? -Don't flush them.** Surprisingly a study has shown that 1.8-3.4 billion lenses are flushed each year. With their small size, wastewater treatment plants don't always filter them and they can add to the microplastics problems. Users may drop off their used lenses, blister packs, and top foils at [participating optical offices](#). Or, [send a year's worth via mail with a free shipping label](#).

**Old Pots and Pans?** Use these [guidelines](#) for recycling or reusing cookware.

## 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](mailto:khammer@buffalogardens.com)

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

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

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

**Buffalo Olmsted Parks Conservancy** will assign volunteers to specific clean up and planting projects throughout the summer. Learn more at [bfloparks.org/volunteer](http://bfloparks.org/volunteer)

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

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

**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](mailto: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](mailto: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](mailto:info@gobikebuffalo.org)

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

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

**HOME, Inc.** (Housing Opportunities Made Equal) seeks volunteers to work on various committees to further fair housing. For info/application, email [muj265@homeny.org](mailto:muj265@homeny.org) or visit their website at [www.homeny.org](http://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](mailto:glight@rochester.rr.com) for more information.

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

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

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

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

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

**Preservation Buffalo Niagara**-Interns & volunteers welcome. [www.preservationbuffaloniagara.org](http://www.preservationbuffaloniagara.org).

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

**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](mailto: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.metrowny.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/xtapps/sls\\_searches/index.cfm?p=live\\_rehab](https://www.dec.ny.gov/cfm/xtapps/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](http://www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029)  
Black Dog Rescue- [www.blackdogsecondchance.org](http://www.blackdogsecondchance.org)  
Peace Weavers- <http://peaceweavers.org/>  
Eco-Island Nature Center- <https://www.grandislandschools.org/domain/49>  
NY Sport Fishing- <http://www.fishny.com/>  
Erie Canal Trailway- [www.ptny.org/bikecanal](http://www.ptny.org/bikecanal)  
Rochester Roots-<http://www.rochesterroots.org/>  
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>  
We Love Outdoors-<http://www.weloveoutdoors.com/>  
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>  
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>  
Citizen Science Opportunities- [listing](#)

### **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](http://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](http://www.aquariumofniagara.org)

[www.buffaloaudubon.org](http://www.buffaloaudubon.org)

[www.buffalogardens.com](http://www.buffalogardens.com)

[www.buffscience.org](http://www.buffscience.org)

[www.tifft.org](http://www.tifft.org)

[www.buffalozoo.org](http://www.buffalozoo.org)

[www.penndixie.org](http://www.penndixie.org)

[www.yourspca.org](http://www.yourspca.org)

## 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](http://www.grantstation.com)

[www.grantwatch.com](http://www.grantwatch.com)

[www.grantsalert.com](http://www.grantsalert.com)

<https://attra.ncat.org/index.php>

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

**Find your farmer** <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](http://www.fentonsproduce.com)

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

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

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

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/>

Greg's 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](http://www.niagaramalt.com)  
Plato Dale Farm- <https://platodalefarm.com/>  
Porter Farms- <http://www.porterfarms.org/>  
Produce Peddlers-<https://producepeddlers.com/>  
The Promised Land- <http://promisedlandcsa.com/>  
Providence Creek Farm- <http://www.providencecreekfarm.com/>  
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>  
Root Down- [www.therootdownfarm.com](http://www.therootdownfarm.com)  
Rust Belt Harvest- <http://rustbeltharvest.org/>  
Sinemus Farms- <http://www.sinemusfarms.com/>  
Singer Farms Naturals-[www.singerfarmnaturals.com](http://www.singerfarmnaturals.com)  
Teacup Farm- <http://www.teacupfarm.com/>  
Thorpe's Organic Farm- [www.thorpesorganicfamilyfarm.com](http://www.thorpesorganicfamilyfarm.com)  
Utley Acres- <http://utleyacres.com/>  
Westside Tilth Farm- <http://westsidetilth.com/>  
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>  
WNY Farmers' Markets- [http://www.bestofwny.com/farmers\\_market/](http://www.bestofwny.com/farmers_market/)  
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>  
Local Meats- <http://meatsuite.com/>  
NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>  
WNY Food Hub for Farmers-<https://www.edenvalleygrowers.com/wny-foodhub>

### **Local Businesses with Classes and Workshops**

Badding Brothers-<https://baddingbrosfarm.com/index.html>  
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/>  
<http://growitsaveituseit.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](http://www2.erie.gov/recycling/index.php?q=node))**

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373  
Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot  
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>  
Books- [www.booksforafrica.org](http://www.booksforafrica.org), [www.operationpaperback.org](http://www.operationpaperback.org)  
Bottle and jar caps-Weisenbach Recycled Products in Ohio. [CapsCando.com](http://CapsCando.com).  
Bras- [www.donateyourbra.com](http://www.donateyourbra.com), [www.brarecycling.us](http://www.brarecycling.us)  
Building materials- [www.buffaloreuse.org](http://www.buffaloreuse.org)  
Cars- <http://www.donateacar.com/>

Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities  
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>  
Clothing, formal/business- [www.donatemyweddingdress.org/](http://www.donatemyweddingdress.org/), [www.careergear.org](http://www.careergear.org), [www.dressforsuccess.org](http://www.dressforsuccess.org)  
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's  
Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>, <https://www.decluttr.com>  
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs  
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore  
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](http://www.greenergadgets.org/recycling-responsibly.html), most electronics stores, [www.sunnking.com](http://www.sunnking.com)  
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.  
Envelopes, tyvek- < 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 18<sup>th</sup> St., Spirit Lake, IA 51360.  
Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)  
Furniture-Goodwill, Salvation Army, Amvets and other charities  
Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>  
Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>  
Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>  
Hazardous Household materials- <http://www.hazmanusa.com/>  
Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,  
Ink cartridges-[RecyclePlace.com](http://RecyclePlace.com) and most manufacturers  
Mattresses- <http://triadrecycle.com/mattress/> Hazman, Buffalo ReUse ReSource  
Medicines, expired or unused- [http://www.dec.ny.gov/docs/water\\_pdf/guidance3.pdf](http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf)  
Needles, Syringes etc.- <http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access>  
Packaging Materials (bubble wrap, peanuts)-UPS Store  
Pharmaceuticals-dropoff sites at [map](#)  
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot  
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, [www.plasticfilmrecycling.org](http://www.plasticfilmrecycling.org)  
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448  
Recycling A to Z - [realsimple](http://realsimple)  
Shoes, athletic-[NikeReuseAShoe.com](http://NikeReuseAShoe.com), [Souls4Souls.org](http://Souls4Souls.org) and [OneWorldRunning.com](http://OneWorldRunning.com)  
Sports equipment-resell/trade at [www.playitagainsports.com](http://www.playitagainsports.com)  
Styrofoam- Thermal Foams, Inc. 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](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](http://preserveproducts.com/recycling)  
Wetsuits- <https://www.sugamats.com/recycling/>, <https://www.greengurugear.com/pages/recycling-to-upcycle-program>

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

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

### **Education Courses 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](http://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](http://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](http://www.greatlakes.org)

American Planning Association-WNY Section/Upstate

[www.wnyapa.com](http://www.wnyapa.com)

American Meteorological Society-WNY Chapter

[www.facebook.com/amswnychapter](http://www.facebook.com/amswnychapter)

Amherst State Park Arboretum

<http://www.amherststatepark.org/ASP/Welcome.html>

Animal Advocates of Western New York	<a href="https://animalswny.org/">https://animalswny.org/</a>
Aquarium of Niagara	<a href="http://www.aquariumofniagara.org">www.aquariumofniagara.org</a>
Asha Sanctuary for Rescued Farm Animals	<a href="http://www.ashasanctuary.com/">http://www.ashasanctuary.com/</a>
AWARE-Assoc. for Wild Animal Rehabilitation & Education	<a href="http://www.awarewildlife.com/">http://www.awarewildlife.com/</a>
Bergen Swamp Preservation Society	<a href="http://www.bergenswamp.org/">http://www.bergenswamp.org/</a>
Birds on the Niagara	<a href="http://www.birdsontheniagara.org/">http://www.birdsontheniagara.org/</a>
Bond Lake Environmental & Beautification Committee	<a href="http://www.freewebs.com/bondlake/">http://www.freewebs.com/bondlake/</a>
Braddock Bay Bird Observatory	<a href="http://braddockbaybirdobservatory.wordpress.com/">http://braddockbaybirdobservatory.wordpress.com/</a>
Buffalo Architecture Foundation	<a href="http://www.buffaloarchitecture.org/">http://www.buffaloarchitecture.org/</a>
Buffalo Astronomical Association	<a href="http://buffaloastronomy.com/">http://buffaloastronomy.com/</a>
Buffalo Audubon Society/Beaver Meadow Nature Center	<a href="http://www.buffaloudubon.org">www.buffaloudubon.org</a>
Buffalo Blueway	<a href="https://buffaloblueway.com/">https://buffaloblueway.com/</a>
Buffalo Niagara Community Reinvestment Coalition	<a href="https://www.facebook.com/BNCRC/">https://www.facebook.com/BNCRC/</a>
Buffalo Niagara Gardening	<a href="https://buffalo-niagaragardening.com/">https://buffalo-niagaragardening.com/</a>
Buffalo and Erie County Botanical Gardens	<a href="http://www.buffalogardens.com">www.buffalogardens.com</a>
Buffalo Farm to School Program	<a href="http://buffalofarmentoschool.org/">http://buffalofarmentoschool.org/</a>
Buffalo Geological Society	<a href="http://www.bgsny.org">www.bgsny.org</a>
Buffalo Heritage Carousel	<a href="http://buffaloheritagecarousel.org/">http://buffaloheritagecarousel.org/</a>
Buffalo in Bloom	<a href="https://www.buffaloinbloom.com/">https://www.buffaloinbloom.com/</a>
Buffalo Maritime Center	<a href="http://www.buffalomaritimecenter.org/">http://www.buffalomaritimecenter.org/</a>
Buffalo Museum of Science	<a href="http://www.sciencebuff.org/">www.sciencebuff.org/</a>
Buffalo Niagara Heritage Village	<a href="http://bnhv.org/">http://bnhv.org/</a>
Buffalo Niagara Waterkeeper	<a href="https://bnwaterkeeper.org/">https://bnwaterkeeper.org/</a>
Buffalo Olmsted Parks Conservancy	<a href="http://www.bfloparks.org">www.bfloparks.org</a>

Buffalo Orienteering Club	<a href="https://buffalo-orienteeing.org/">https://buffalo-orienteeing.org/</a>
Buffalo Ornithological Society	<a href="https://www.buffaloornithologicalsociety.org/">https://www.buffaloornithologicalsociety.org/</a>
Buffalo Recycles	<a href="http://buffalorecycles.org/">http://buffalorecycles.org/</a>
Buffalo Urban Development Corp	<a href="http://budc.ecidany.com/">http://budc.ecidany.com/</a>
Buffalo Zoo	<a href="http://www.buffalozoo.org">www.buffalozoo.org</a>
Burchfield Nature and Art Center	<a href="http://www.burchfieldnac.org/">http://www.burchfieldnac.org/</a>
Buffalo Women of Env. Learning/Leadership (BWell)	<a href="https://www.bwell.community/">https://www.bwell.community/</a>
Center for Environmental Information (Rochester)	<a href="http://ceinfo.org/">http://ceinfo.org/</a>
Center for the Study of Art, Architecture, History and Nature	<a href="http://buffaloah.com/h/center/index.html">http://buffaloah.com/h/center/index.html</a>
Chautauqua Watershed Conservancy	<a href="http://www.chautauquawatershed.org/">http://www.chautauquawatershed.org/</a>
Chestnut Ridge Conservancy	<a href="http://chestnutridgeconservancy.org/">http://chestnutridgeconservancy.org/</a>
Citizens Campaign for the Environment	<a href="http://www.citizenscampaign.org">www.citizenscampaign.org</a>
Citizens Coalition for Wildlife and Environment	<a href="http://citizencoalitionwe.com/">http://citizencoalitionwe.com/</a>
Citizens for Regional Transit	<a href="http://www.citizenstransit.org/">www.citizenstransit.org/</a>
Clarence Bluebird Trail	<a href="https://lambluebirdtrail.org/">https://lambluebirdtrail.org/</a>
Clean Air Coalition of Western New York	<a href="https://www.cacwny.org/">https://www.cacwny.org/</a>
Clean Communities of Western New York	<a href="http://www.ccofwny.org/">http://www.ccofwny.org/</a>
Coalition of Positively Charged People	<a href="https://www.coalitionpositive.org/">https://www.coalitionpositive.org/</a>
Community Foundation for Greater Buffalo	<a href="http://www.cfgb.org/">http://www.cfgb.org/</a>
Cooperation Buffalo	<a href="https://www.cooperationbuffalo.org/">https://www.cooperationbuffalo.org/</a>
Cornell Cooperative Extension for Cattaraugus County	<a href="http://cattaraugus.cce.cornell.edu/">http://cattaraugus.cce.cornell.edu/</a>
Cornell Cooperative Extension for Chautauqua County	<a href="http://chautauqua.cce.cornell.edu">http://chautauqua.cce.cornell.edu</a>
Cornell Cooperative Extension for Erie County	<a href="http://erie.cce.cornell.edu/">http://erie.cce.cornell.edu/</a>
Cornell Cooperative Extension for Niagara County	<a href="http://cceniagaracounty.org/">http://cceniagaracounty.org/</a>

Daemen College Center for Sustainability	<a href="http://www.daemen.edu/enviro-news">www.daemen.edu/enviro-news</a>
Department of Environmental Conservation (NY State)	<a href="http://www.dec.ny.gov/index.html">www.dec.ny.gov/index.html</a>
Designing to Live Sustainably	<a href="https://www.facebook.com/d2lsBuffalo/">https://www.facebook.com/d2lsBuffalo/</a>
Drave's Arboretum	<a href="https://www.facebook.com/dravesarboretum/">https://www.facebook.com/dravesarboretum/</a>
Earth Spirit Educational Services	<a href="http://www.earthspiritedu.org">www.earthspiritedu.org</a>
Environmental Advocates NY	<a href="http://www.eany.org">www.eany.org</a>
Environmental Education Associates	<a href="http://environmentaleducation.com/">http://environmentaleducation.com/</a>
Environmental Protection Agency Local Office (716) 551-4410	<a href="http://www2.epa.gov/aboutepa/epa-region-2">http://www2.epa.gov/aboutepa/epa-region-2</a>
Erie Canal Harbor Development	<a href="https://esd.ny.gov/erie-canal-harbor-development-corporation-0">https://esd.ny.gov/erie-canal-harbor-development-corporation-0</a>
Erie County Climate Action & Sustainability	<a href="http://www2.erie.gov/environment/sustainability">http://www2.erie.gov/environment/sustainability</a>
Erie County Conservation Society	<a href="http://eccs-club.org/">http://eccs-club.org/</a>
Erie County Department of Environment and Planning	<a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>
Erie County Environment Management Council	<a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>
Erie County Farm Bureau	<a href="http://www.ecfarm.com/">http://www.ecfarm.com/</a>
Erie County Federation of Sportsmen's Clubs	<a href="http://www.eriectyfsc.org/">http://www.eriectyfsc.org/</a>
Erie County Parks and Recreation	<a href="http://www.erie.gov/parks">http://www.erie.gov/parks</a>
Erie County Soil and Water Conservation	<a href="http://www.ecswcd.org/">www.ecswcd.org/</a>
Excalibur Leisure Skills	<a href="https://www.facebook.com/excaliburleisureskills/">https://www.facebook.com/excaliburleisureskills/</a>
Explore Buffalo	<a href="http://www.explorebuffalo.org">www.explorebuffalo.org</a>
Farm2Curb	<a href="https://www.facebook.com/farmtocurb">https://www.facebook.com/farmtocurb</a>
Field and Fork Network	<a href="http://fieldandforknetwork.com/">http://fieldandforknetwork.com/</a>
First Hand Learning	<a href="http://www.firsthandlearning.org">www.firsthandlearning.org</a>
500 Women Scientists, Buffalo Chapter	<a href="https://500womenscientistsbuffalo.wordpress.com/">https://500womenscientistsbuffalo.wordpress.com/</a>

Food Policy Council of Buffalo & Erie County	<a href="http://www2.erie.gov/fpc/">http://www2.erie.gov/fpc/</a>
Foundry	<a href="http://thefoundrybuffalo.org/">http://thefoundrybuffalo.org/</a>
Friends of the Iroquois National Wildlife Refuge	<a href="http://www.friendsofiroquoisnwr.org/">http://www.friendsofiroquoisnwr.org/</a>
Friends of Reinstein Woods	<a href="http://reinsteinwoods.org">http://reinsteinwoods.org</a>
Friends of Times Beach Nature Preserve	<a href="http://www.friendsoftimesbeachnp.org/">http://www.friendsoftimesbeachnp.org/</a>
Foothills Trail Club	<a href="http://www.foothillstrailclub.org">www.foothillstrailclub.org</a>
Gardens Buffalo Niagara	<a href="https://gardensbuffaloniagara.com/">https://gardensbuffaloniagara.com/</a>
Garden Clubs of WNY	<a href="http://www.gardenclubsofwny.com">www.gardenclubsofwny.com</a>
Genesee County Nature Center	<a href="http://co.genesee.ny.us/departments/parks/inc.php">http://co.genesee.ny.us/departments/parks/inc.php</a>
Genesee County Village & Museum	<a href="https://www.gcv.org/">https://www.gcv.org/</a>
Global Justice Ecology Project	<a href="http://globaljusticeecology.org/">http://globaljusticeecology.org/</a>
Go Bike Buffalo	<a href="http://gobikebuffalo.org/">http://gobikebuffalo.org/</a>
Go Buffalo Niagara	<a href="http://gobuffaloniagara.org">http://gobuffaloniagara.org</a>
Gooseneck Hill Waterfowl Sanctuary	<a href="http://www.gooseneckhillwaterfowlfarm.com">www.gooseneckhillwaterfowlfarm.com</a>
Grassroots Gardens of Buffalo	<a href="http://www.grassrootsgardens.org/">www.grassrootsgardens.org/</a>
Greater Buffalo-Niagara Regional Transportation Council	<a href="http://www.gbnrtc.org/">www.gbnrtc.org/</a>
Great Lakes Center at Buffalo State College	<a href="http://greatlakescenter.buffalostate.edu/">http://greatlakescenter.buffalostate.edu/</a>
Great Lakes Research Consortium	<a href="https://www.esf.edu/glrc/">https://www.esf.edu/glrc/</a>
Green Sun Seed Library	<a href="https://www.facebook.com/groups/GreenSunSeedLibrary/">www.facebook.com/groups/GreenSunSeedLibrary/</a>
Greenworks WNY	<a href="https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/">https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/</a>
Groundwork Buffalo	<a href="http://gwbuffalo.org/">http://gwbuffalo.org/</a>
Habitat for Humanity Buffalo	<a href="http://www.habitatbuffalo.org/">http://www.habitatbuffalo.org/</a>
Hawk Creek Wildlife Center	<a href="https://www.hawkcreek.org">https://www.hawkcreek.org</a>
HEART Animal Rescue and Adoption	<a href="https://www.heartforanimals.org/">https://www.heartforanimals.org/</a>

Heart of the City Neighborhoods, Inc.	<a href="http://www.hocn.org">www.hocn.org</a>
Housing Opportunities Made Equal	<a href="http://www.homeny.org/">http://www.homeny.org/</a>
Imagine Greater Buffalo Lifelong Learning	<a href="http://imaginelifelonglearning.com/">http://imaginelifelonglearning.com/</a>
Inland Ocean Coalition-Buffalo Chapter	<a href="https://inlandoceancoalition.org/whoweare/chapters/buffalo/">https://inlandoceancoalition.org/whoweare/chapters/buffalo/</a>
Innovation Center Buffalo	<a href="http://innovationcenterbuffalo.org/">http://innovationcenterbuffalo.org/</a>
Iroquois National Wildlife Refuge	<a href="http://www.fws.gov/refuge/iroquois/">http://www.fws.gov/refuge/iroquois/</a>
Jamestown Audubon Center & Sanctuary	<a href="http://auduboncnc.org/">http://auduboncnc.org/</a>
Jamestown Community College	<a href="http://www.sunyjcc.edu/sustainability">http://www.sunyjcc.edu/sustainability</a>
Junior Solar Sprint Buffalo	<a href="http://www.jssbuffalo.com">www.jssbuffalo.com</a>
Lake Erie Watershed Protection Alliance	<a href="http://www.erie.gov/lewpa">http://www.erie.gov/lewpa</a>
Leadership Buffalo	<a href="https://www.leadershipbuffalo.org/">https://www.leadershipbuffalo.org/</a>
League of Women Voters of Buffalo Niagara	<a href="http://www.lwvbn.org/">http://www.lwvbn.org/</a>
Let There Be Light International	<a href="http://www.lettherebelightinternational.org">www.lettherebelightinternational.org</a>
Local Initiatives Support Corporation	<a href="https://www.lisc.org/wny/">https://www.lisc.org/wny/</a>
Lyceum at Silo City	<a href="https://www.lyceumsilo.city/">https://www.lyceumsilo.city/</a>
Massachusetts Avenue Project	<a href="http://mass-ave.org/">http://mass-ave.org/</a>
Matt Urban Human Services Center	<a href="http://urbanctr.org/">http://urbanctr.org/</a>
Messinger Woods Wildlife Care and Education Center, Inc	<a href="http://www.messingerwoods.org">www.messingerwoods.org</a>
Nannen Arboretum	<a href="http://www.nannearboretum.org/">http://www.nannearboretum.org/</a>
Nature Conservancy-Central and Western New York Chapter	<a href="http://Nature.org">http://Nature.org</a>
Nature Sanctuary of Western New York	<a href="http://nsswny.org/">http://nsswny.org/</a>
New York Farm Bureau	<a href="http://www.nyfb.org/">http://www.nyfb.org/</a>
New York Flora Association	<a href="http://www.nyflora.org/">http://www.nyflora.org/</a>
New York Forest Owner's Association	<a href="http://www.nyfoa.org">www.nyfoa.org</a>

New York Interfaith Power and Light	<a href="http://www.newyorkipl.org/">www.newyorkipl.org/</a>
New York League of Conservation Voters	<a href="http://www.nylev.org/">http://www.nylev.org/</a>
New York Power Authority	<a href="http://www.nypa.gov">www.nypa.gov</a>
New York Public Interest Research Group	<a href="http://www.nypirg.org/">http://www.nypirg.org/</a>
New York State Association of Conservation Commissions	<a href="https://nysacc.org/">https://nysacc.org/</a>
New York State Ornithological Association	<a href="http://nybirds.org/index.html">http://nybirds.org/index.html</a>
New York State Outdoor Education Association	<a href="http://nysoea.org/">http://nysoea.org/</a>
New York State Parks	<a href="https://parks.ny.gov/">https://parks.ny.gov/</a>
New York State Sea Grant	<a href="http://www.seagrantsunysb.edu/">http://www.seagrantsunysb.edu/</a>
New York State Soil and Water	<a href="http://www.nys-soilandwater.org/">http://www.nys-soilandwater.org/</a>
Northeast Sustainable Agriculture Working Group	<a href="http://nesawg.org/">http://nesawg.org/</a>
New York Upstate Chapter of the Green Building Council	<a href="http://www.greenupstateny.org/">http://www.greenupstateny.org/</a>
New York Upstate Chapter, Landscape Architects	<a href="https://www.nyuasla.org/">https://www.nyuasla.org/</a>
New York State Wetlands Forum	<a href="http://www.wetlandsforum.org/index.html">http://www.wetlandsforum.org/index.html</a>
Niagara County Farm Bureau	<a href="http://www.niagaracountyfarmbureau.com/">http://www.niagaracountyfarmbureau.com/</a>
Niagara County Landfill and Recycling	<a href="http://www.rethinkyourwaste.com/">http://www.rethinkyourwaste.com/</a>
Niagara County Parks	<a href="http://www.niagaracounty.com/Parks/">http://www.niagaracounty.com/Parks/</a>
Niagara County Soil and Water Conservation District	<a href="http://www.niagaraswcd.com">www.niagaraswcd.com</a>
Niagara Fishing Expo	<a href="http://niagarafishingexpo.com/">http://niagarafishingexpo.com/</a>
Niagara Frontier Botanical Society	<a href="http://NiagaraFrontierBotanicalSociety.org">Niagara Frontier Botanical Society</a>
Niagara Outfitters	<a href="https://niagaraoutfitters.com/">https://niagaraoutfitters.com/</a>
Niagara River Anglers Association	<a href="https://www.facebook.com/Niagara-River-Anglers-101363388708865/">www.facebook.com/Niagara-River-Anglers-101363388708865/</a>
Niagara River Greenway Commission	<a href="https://www.niagararivergreenway.com/">https://www.niagararivergreenway.com/</a>
Niagara University Sustainability	<a href="http://www.niagara.edu/green/">http://www.niagara.edu/green/</a>

Northeast Organic Farming Association of New York	<a href="http://nofany.org">http://nofany.org</a>
Oakmossed Education	<a href="http://oakmossed.com">http://oakmossed.com</a>
One Region Forward	<a href="http://www.oneregionforward.org/">http://www.oneregionforward.org/</a>
Open Buffalo	<a href="http://www.openbuffalo.org/">http://www.openbuffalo.org/</a>
Our Outer Harbor	<a href="http://www.ourouterharbor.org/">http://www.ourouterharbor.org/</a>
Partners for a Livable WNY	<a href="https://www.livablewny.org/">https://www.livablewny.org/</a>
Partnership for the Public Good	<a href="http://www.ppgbuffalo.org">www.ppgbuffalo.org</a>
Paths, Peaks and Paddles	<a href="http://www.pathspeakspaddles.com">www.pathspeakspaddles.com</a>
Pelion Garden	<a href="https://peliongarden.org">https://peliongarden.org</a>
Penn Dixie Paleontological and Outdoor Education Center	<a href="http://www.penndixie.org">www.penndixie.org</a>
Pfeiffer Nature Center (Portville)	<a href="http://www.pfeiffernaturecenter.org">www.pfeiffernaturecenter.org</a>
People United for Sustainable Housing	<a href="http://www.pushbuffalo.org">http://www.pushbuffalo.org</a>
Plant WNY	<a href="http://www.plantwny.com/">http://www.plantwny.com/</a>
Pollinator Conservation Association	<a href="http://www.pollinatorconservationassociation.org/">http://www.pollinatorconservationassociation.org/</a>
Preservation Buffalo Niagara	<a href="http://www.preservationbuffaloniagara.org/">http://www.preservationbuffaloniagara.org/</a>
Primate Sanctuary	<a href="http://theprimatesanctuary.com">http://theprimatesanctuary.com</a>
PUSH Blue	<a href="https://www.facebook.com/PUSHBlueWNY/">https://www.facebook.com/PUSHBlueWNY/</a>
Regional Councils NYS	<a href="http://regionalcouncils.ny.gov">http://regionalcouncils.ny.gov</a>
Reinstein Woods Nature Preserve	<a href="http://www.dec.ny.gov/education/1837.html">www.dec.ny.gov/education/1837.html</a>
ReNU Niagara	<a href="https://levesqueinstitute.niagara.edu/">https://levesqueinstitute.niagara.edu/</a>
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	<a href="http://rarerehab.org/">http://rarerehab.org/</a>
Restore our Community Coalition	<a href="http://roccbuffalo.org/">http://roccbuffalo.org/</a>
Retree Western New York	<a href="http://www.re-treewny.org">www.re-treewny.org</a>
ReUse Action	<a href="http://reuseaction.com/">http://reuseaction.com/</a>

Rise Up for Climate Justice	<a href="https://www.facebook.com/riseupforclimatejustice/">https://www.facebook.com/riseupforclimatejustice/</a>
Rochester Environmental Groups	<a href="http://rochesterenvironment.com/EXTRA/enviromentalists.htm">http://rochesterenvironment.com/EXTRA/enviromentalists.htm</a>
Roger Tory Peterson Institute	<a href="http://www.rtpi.org">www.rtpi.org</a>
Science Demands Action	<a href="http://www.sciencedemandsaction.org">www.sciencedemandsaction.org</a>
Service Collaborative of WNY	<a href="http://www.tscwny.org/">http://www.tscwny.org/</a>
Sierra Club (Niagara Group of Atlantic Chapter)	<a href="http://niagarasierraclub.com/">http://niagarasierraclub.com/</a>
Slow Roll Buffalo	<a href="http://slowrollbuffalo.org/">http://slowrollbuffalo.org/</a>
South Buffalo Alive	<a href="https://www.facebook.com/South-Buffero-Alive-174141769403626/">https://www.facebook.com/South-Buffero-Alive-174141769403626/</a>
SPCA serving Erie County	<a href="http://www.yourspca.org">www.yourspca.org</a>
Street Synergy	<a href="http://www.streetsynergy.org/">http://www.streetsynergy.org/</a>
SUNY Fredonia	<a href="http://www.fredonia.edu/gogreen/">http://www.fredonia.edu/gogreen/</a>
Sustainability at Buffalo State	<a href="http://sustainability.buffalostate.edu/">http://sustainability.buffalostate.edu/</a>
Tifft Nature Preserve	<a href="http://www.tifft.org/tifft/">http://www.tifft.org/tifft/</a>
Tonawanda Creek Watershed Committee	<a href="https://www.facebook.com/TonawandaCreek/">https://www.facebook.com/TonawandaCreek/</a>
Tonawanda Tomorrow	<a href="http://tonawandatomorrow.org/">http://tonawandatomorrow.org/</a>
Tuscarora Environmental Task Force	<a href="http://www.tuscaroraenvironment.com">http://www.tuscaroraenvironment.com</a>
21 <sup>st</sup> Century Park on the Outer Harbor	<a href="https://www.facebook.com/21stCenturyParkOnTheOuterHarbor/">https://www.facebook.com/21stCenturyParkOnTheOuterHarbor/</a>
UB Engineers for a Sustainable World	<a href="http://www.eswub.com/">http://www.eswub.com/</a>
UB Environmental Network	<a href="https://www.facebook.com/UBEnvironmentalNetwork/">https://www.facebook.com/UBEnvironmentalNetwork/</a>
UB Office of Sustainability	<a href="http://www.buffalo.edu/sustainability.html">http://www.buffalo.edu/sustainability.html</a>
UB Regional Institute	<a href="http://regional-institute.buffalo.edu/">http://regional-institute.buffalo.edu/</a>
Urban Land Institute	<a href="http://newyork.uli.org">http://newyork.uli.org</a>
Urban Roots	<a href="http://www.urbanroots.org/">www.urbanroots.org/</a>
US Army Corps of Engineers-Buffalo District	<a href="http://www.lrb.usace.army.mil/">http://www.lrb.usace.army.mil/</a>

US Coast Guard-Boating Safety	<a href="http://www.wnyboatsafe.org/">http://www.wnyboatsafe.org/</a>
Vision Niagara	<a href="http://visionniagara.org/">http://visionniagara.org/</a>
Voice-Buffalo	<a href="https://voicebuffalo.org/">https://voicebuffalo.org/</a>
WASH Project	<a href="http://thewashproject.org/">http://thewashproject.org/</a>
Wellness Institute	<a href="https://creatinghealthycommunities.org/">https://creatinghealthycommunities.org/</a>
Western Chapter New York Water Environment Association	<a href="http://nywea.org/">http://nywea.org/</a>
Western New York AmeriCorps (Service Collaborative)	<a href="http://www.tscwny.org/">http://www.tscwny.org/</a>
Western New York Climate Action	<a href="http://www.wnyclimateaction.org/">http://www.wnyclimateaction.org/</a>
Western New York Earth Day	<a href="http://www.wnyearthday.org/">http://www.wnyearthday.org/</a>
Western New York Environmental Alliance	<a href="http://www.wnyea.org">http://www.wnyea.org</a>
Western New York Family Nature Club	<a href="http://lthibault.wixsite.com/wnyfamilynatureclub">http://lthibault.wixsite.com/wnyfamilynatureclub</a>
Western New York Herpetological Society	<a href="http://www.wnyherpsociety.org/">http://www.wnyherpsociety.org/</a>
Western New York Hiking Trails and resources	<a href="http://www.wnyhikes.com">www.wnyhikes.com</a>
Western New York Land Conservancy	<a href="https://www.wnylc.org/">https://www.wnylc.org/</a>
WNY Nursery and Landscape Association (PLANT WNY)	<a href="http://www.plantwny.com/">http://www.plantwny.com/</a>
WNY Partnership for Invasive Species Mgmt (PRISM)	<a href="http://www.wnyprism.org">www.wnyprism.org</a>
WNY Mountain Bike Association	<a href="http://www.wnymba.org">http://www.wnymba.org</a>
WNY Permaculture	<a href="https://www.facebook.com/WNY-Permaculture-1098493876841295/">https://www.facebook.com/WNY-Permaculture-1098493876841295/</a>
Western New York Science Congress	<a href="http://wnyssc.org/">http://wnyssc.org/</a>
WNY Seed Library	<a href="https://www.facebook.com/wnyseedlibrary/">https://www.facebook.com/wnyseedlibrary/</a>
Western New York Service Learning Coalition	<a href="https://wnyservicelearningcoalition.org">https://wnyservicelearningcoalition.org</a>
Western New York Soil Health Alliance	<a href="http://www.wnysoilhealth.com">www.wnysoilhealth.com</a>
WNY Raptor Center	<a href="http://Wnyraptor.com">Wnyraptor.com</a>
WNY STEM	<a href="http://wnystem.org/">http://wnystem.org/</a>

Western New York Stormwater Coalition	<a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>
Western New York Sustainable Business Roundtable	<a href="http://www.wnysustainablebusiness.org/">http://www.wnysustainablebusiness.org/</a>
Western New York Sustainable Energy Association	<a href="https://www.facebook.com/WNYSEA">https://www.facebook.com/WNYSEA</a>
WNY Peace Center Renewable Energy Task Force	<a href="http://wnypeace.org/wp/">http://wnypeace.org/wp/</a>
West Side Ministries (716 Ministries)	<a href="http://www.westsideminstries.org/">http://www.westsideminstries.org/</a>
West Valley Citizen Task Force	<a href="http://www.westvalleyctf.org">www.westvalleyctf.org</a>
Wild Kritters	<a href="http://www.wildkritters.com/">http://www.wildkritters.com/</a>
Wild Spirit Education	<a href="http://www.wildspirit.org/">http://www.wildspirit.org/</a>
Wind Action Group	<a href="https://buffalowind.wordpress.com/">https://buffalowind.wordpress.com/</a>
Working for Downtown	<a href="http://www.workingfordowntown.org/">http://www.workingfordowntown.org/</a>
World on your Plate	<a href="http://www.worldonyourplate.org/">http://www.worldonyourplate.org/</a>
Youth Climate Summit	<a href="http://www.wnyclimateaction.org/">http://www.wnyclimateaction.org/</a>