

Enviro-News

January, 2021

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

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Articles:

Maker Fellows Program

The Maker Fellows Program is a 6 month program hosted by The Foundry. Fellows have free access to private workspace, one of the Foundry's Makerspaces (tech, tile, wood, metal) and skill-building focused on earning revenue through making. [Apply](#) for the program by **January 5, 2021**.

Community Food Systems Mentorship Program

The Community Food Systems Mentorship Program provides food systems leaders with the opportunity to closely engage with proven leaders and experts. This opportunity is available to staff of nonprofit 501 (c)3 organizations, and mission-driven food and farm businesses. The program goals are to build relationships of solidarity and support across the food movement, create space for leaders with significant experience in community food systems to share their wisdom, knowledge, and expertise, and to strengthen the leadership capacity of food systems leaders. [Applications](#) for Spring 2021 Mentorship are due by **January 11, 2021**. For info, view a [recording](#), [slides](#), and [Mentorship FAQ](#).

Green Building Certificate Program at SUNY Erie

PUSH Buffalo and SUNY Erie are partnering to offer a Green Building Program with a focus on the basics of green building, heating and cooling systems (HVAC) and renewable energy. Financial assistance is available. Application deadline is **January 11** and the program starts January 19th. The Green Building certificate program is a 31-credit, two semester-long program that offers classroom and hands-on instruction in the building trades fundamentals. To learn more, email hiringshallteam@pushbuffalo.org

AAUW Scholarships Available

The Buffalo Branch of the American Association of University Women has grants and scholarships available for graduate and undergraduate study. Deadline to apply is **January 11**. Details [here](#).

Landscape Maintenance Technician Training Program

In collaboration with Buffalo Olmsted Parks Conservancy (BOPC) and funded by KeyBank in partnership with the First Niagara Foundation, Buffalo Center for Arts and Technology (BCAT) will offer a new course of study for adults residing in the city of Buffalo. The Landscape Maintenance Technician program is designed to offer classroom instruction, in-field training, and a paid internship program serving BOPC's urban park system that consists of 850 acres of beautifully designed parks, parkways and Circles. The 120-hour course will include instruction offered at BCAT beginning **January 12**, followed by in-field training and a paid internship. Fifteen adults who are accepted into the program will receive a scholarship that will cover 100% of the tuition including books. More info at [landscape-maintenance-technician/](#).

Northeast Aquatic Plant Management Meeting

Registration has opened for the Northeast Aquatic Plant Management Society's virtual conference, **January 12-14, 2021**. Activities include presentations, algal identification workshops, a poster slam, and a raffle. [Learn more and register here](#)

NOFA Winter Conference

Northeast Organic Farming Association (NOFA) will have their winter conference online from **January 16 – 23, 2021**. Organic farming is rooted in health – of the soil, the farmer, and the community. And health is the foundation of resilience. The conference theme, *Rooted in Resilience*, reflects the ability of organic systems to embrace challenges: no matter whether it's a global pandemic, unprecedented weather, a new pest, or the loss of an important market. For nearly four decades, our conference has convened farmers, homesteaders, soil scientists, seedkeepers, and ag-vocates to work together and learn from one another. The mutual support and the generous exchange of knowledge is a hallmark of the NOFA-NY community. And now, we've seen the power of the that: our CSAs, farmers markets, and local co-ops have been models of food security throughout the COVID-19 pandemic. Our conference is an opportunity to leverage that power and learn directly from the experts: you! One registration = 90+ workshops and events! Details [here](#).

Public Meeting on Polystyrene Foam Packaging Ban

The NYS Department of Environmental Conservation in partnership with the New York State Pollution Prevention Institute (NYSP2I) invites stakeholders to attend a one hour virtual public meeting on **Thursday, January 21, 2021 at 11 a.m.** to learn about the Expanded Polystyrene Foam Container and Polystyrene Loose Fill Packaging Ban. Beginning January 1, 2022, no covered food service provider or store (retail or wholesale) will be allowed to sell, offer for sale, or distribute disposable food service containers that contain expanded polystyrene foam in New York. In addition, no manufacturer or store will be allowed to sell, offer for sale, or distribute polystyrene loose fill packaging (commonly referred to as packing peanuts) in the state. [Registration](#) is required to attend the virtual meeting. Learn more about the law and [sign up to receive the latest information](#). **This webinar will be recorded and sent to all registered attendees.**

Invasive Species & Climate Change Symposium

The Fourth Annual Regional Invasive Species & Climate Change (RISCC) Symposium will be held virtually via Zoom on **January 20-21, 2021** from 12:30-5pm ET. Join for these two half days to share perspectives, learn from colleagues, and discuss climate change and invasive species management. The event is free and open to the public. [See agenda and register now](#) →

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**. Details will be shared soon at <http://www.birdsontheniagara.org/>.

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".

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. 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](#).

Offshore Wind, Youth Leadership, and Environmental Justice Listening Session

On November 5, 2020, NYSERDA brought together leaders, activists, and advocates working at the intersection of youth leadership and environmental justice to discuss the future of offshore wind and its implications for local communities. This virtual event explored the role of youth leadership in advocating for a just transition to a clean energy economy, including the development of offshore wind, and will help shape a forthcoming NYSERDA-sponsored program engaging young people in offshore wind. The webinar [recording is now available](#) on NYSERDA's YouTube channel.

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 now receive an energy study **AT NO COST** to help them identify opportunities to make their buildings more energy efficient. The energy study is a valuable tool to understand how to reduce energy usage and costs in your facility, and it provides a “road map” to plan for improvements that can be made as budgets permit. *NYSERDA is waiving the fee for a limited time.* Small businesses with 100 or fewer Full-Time Equivalent Employees (FTEs) company-wide or not-for-profit organizations of any size are eligible for the program. The energy study includes: A comprehensive walk through of the facility; site staff interviews; utility bill analysis; fuel-neutral, unbiased evaluation of potential low-cost/no-cost and capital improvement energy efficiency upgrades; and a report that outlines potential energy and cost savings opportunities for your facility. Once the study is complete, you receive assistance in identifying potential utility incentives and low-cost financing options to help take the next steps toward implementing energy saving projects. Note: A small business or not-for-profit who had a prior NYSERDA energy study is eligible for the program if their study was performed at least three years ago. For more information call Michelle Wooddell at 1-888-338-0089 or email 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](#).

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.

Paint Product Stewardship to Begin in 2021

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

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.](#)

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.](#)

Bike-Friendly Business Certification

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

Buffalo Food Waste Diversion is Available Year-Round

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

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/>

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, 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.

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.

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.

Farming with Nature is the Solution

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

Help your Yard to Capture Carbon

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

Personal Plastics Calculator

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

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

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

Pollinators Under Pressure

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

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

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

Erie County Launches Farmer-Customer Website

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

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!

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.

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

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

Climate Change Solutions Simulator

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

Reduce Your School's Food Waste with New Toolkit

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

EPA Food Opportunities Map

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

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

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

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.

Teacher's and Home-Schooling Resources

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

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

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

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

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

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

[Additional resources](#)

Contests and Awards

[One Earth Young Filmmakers Contest](#)-Entrants may submit a film of no shorter than 3 minutes and no longer than 8 minutes. Young Filmmakers Contest submissions, from students in grade 3 up through age 25, are due by **January 5, 2021**.

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

[Free K-12 Science Competition for Students and Teachers](#)- The Toshiba/NSTA ExploraVision competition challenges K-12 students to envision a future technology while engaging in *Next Generation Science Standards*. Inspire a

lifelong love of STEM and discovery in an engaging, hands-on way! It's not too late to register your teams. Deadline for project submissions is **February 8, 2021**.

[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

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

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

[Organic Agriculture Research and Extension Initiative \(OREI\)](#) is a competitive grant program that focuses on integrated research, education, and extension projects to provide new tools and solutions for organic producers to grow and market organic agricultural products. Deadline: **January 14, 2021**.

[Young Farmer Grant Program](#)-The National Young Farmers Coalition's grant program helps young and beginning farmers and ranchers start up and grow their businesses. The program will provide 50 awards of \$5,000 – 45 grants will go to businesses already in operation, and five to projects starting in 2021. Deadline: **January 15**.

[Federated Garden Clubs of NYS Scholarship](#)- \$1000 The FGCNYS, INC. is offering \$1000 Scholarships to a full time student finishing his/her first or second year at a two or four year college. The student must be a legal resident of New York State but may attend college in NYS or elsewhere provided it is an accredited college and must be majoring in an area of study related to horticulture, planning, conservation and areas specified at the site. Deadline: **January 15th**.

[Sodexo Stop Hunger Foundation Youth Grants](#) of up to \$500 will support youth leaders ages 5-25 across the U.S. to turn their ideas into action and make an impact on the issue of childhood hunger. New this year is an option for a fundraising match grant, which includes \$100 for fundraising-related costs and a \$400 matching grant to a local hunger relief organization of your choice. Deadline: **January 22, 2021**.

[NFWF Five Star and Urban Waters Restoration Grant Program](#)-The National Fish and Wildlife Foundation (NFWF) and the Wildlife Habitat Council (WHC), in cooperation with the U.S. Environmental Protection Agency (EPA), USDA Forest Service (USFS), U.S. Fish and Wildlife Service (USFWS), FedEx, Southern Company and BNSF Railway are soliciting proposals for local water quality, water quality monitoring, and source water protection plans are specifically mentioned, among other activities and priorities relevant to source water protection. Deadline: **January 28, 2021**.

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

[DHS FEMA FY20 Flood Mitigation Assistance](#) - \$200 million, Eligible Entities: tribal governments (federally recognized), state governments, local governments, and territories. The Flood Mitigation Assistance (FMA) program makes federal funds available to reduce or eliminate the risk of repetitive flood damage to buildings and structures insured under the National Flood Insurance Program (NFIP). FEMA will distribute the available funding to specific types of projects listed at the site. Deadline: **January 29**.

[Rural Renewable Energy Projects](#) -To help producers save money and better utilize renewable energy, USDA's Rural Energy for America Program (REAP) will provide at least \$50 million in grants to support on-farm renewable energy projects for fiscal year 2021 (FY21). The program also supports the purchase of renewable energy systems and provides grants to help farmers with energy audits and renewable energy development. Deadline: **January 31, 2021 (for energy audits) and March 31, 2021 (for renewable energy projects)**.

[Growing Spaces Urban Farming Grant](#)-Urban farming organizations, communities, and educational institutions are invited to apply to receive an in-kind donation from Growing Spaces, estimated to be approximately \$40,000. Considerations include impact and reach of the proposed project to an urban, low-income, and/or minority community, food desert status, organizational stability, and climate. Deadline: **January 31**.

[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 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**.

[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 **January 13th, 2021 at 11am**, SOGL will host a webinar providing guidance for applicants, and answering your questions. To [register](#). On **February 2nd, 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**.

[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**.

[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**.

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

[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

[Regional Director Environmental Conservation](#)-DEC Buffalo office. Deadline: **January 8**.

[Intern with Buffalo Niagara Waterkeeper](#)-If you believe in our mission and want to apply your skills while gaining valuable experience, please consider applying to be an intern for Buffalo Niagara Waterkeeper! We have two open positions: Pollution Prevention and Riverwatch Citizen Science. Buffalo Niagara Waterkeeper offers internship experiences in the spring, summer, and fall, to align with local college and university calendars. **Note:** All internships are voluntary. Interns may choose to complete an internship for college credit, if their educational institution allows. Deadline: **January 10, 2021**.

[Finance Coordinator \(FT\)](#) - Cornell Cooperative Extension of Niagara County has an opening for a full-time, Finance Coordinator for the Lockport, NY office. The Cornell Cooperative Extension of Niagara County Finance Coordinator works under the supervision of the Executive Director to manage, implement, and coordinate the financial and human resource functions and processes for the Association. Deadline: **January 11th, 2021**.

[WNY PRISM's Crew Assistance Program](#)-To assist with invasive species management activities within the WNY PRISM region, our Crew is available to work with partners on new and ongoing management projects. Crew works June through September and consists of 3 trained Invasive Species Management Assistants. Eligible activities fall into two primary areas: invasive species surveys & mapping and invasive species removal & habitat restoration. Deadline: **Friday, January 29**.

[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**.

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

[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.

[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.

[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. BNCS'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. BNCS and PUSH's current portfolio of affordable housing includes over 100 units of affordable housing on several sites, 11 units currently under construction, and approximately 53 units of supportive and affordable housing in pre-development.

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

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

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

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

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

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

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

Citizen Science

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

[Earth Challenge 2020](#)

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

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

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

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

[Other Citizen Science Programs](#)

Upcoming Community Activities:

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

Thursday, December 31

Beaver Island Blizzard Bash!-10am to noon at [Beaver Island State Park](#). "Zing" in New Year's Eve on a snowshoe hike along the majestic Niagara River! It's a great chance to try our lightweight "Atlas" snowshoes on our 4th annual "Beaver Island Blizzard Bash!" *Call (716) 549-1050 to register for program.*

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

Last Day Hike-1:30pm. Celebrate the end of 2020 and make a resolution to spend more time outside! Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Friday, January 1

A Gorgeous First Sunrise Hike!-7:30 to 9am at [DeVeaux Woods State Park](#). Get an early start on the brand-new year with a relaxing hike through the woods and along the gorge. For more information & registration call (716) 282-5154.

First Day Lake and Forest Exploration-10am to noon at [Evangola State Park](#). Celebrate the New Year and explore the park's beach, forest and wetland trails! *For more information & registration call (716) 549-1050.*

First Day Big Tree Hike-10am to noon at [Knox Farm State Park](#). Start your New Year off right with an invigorating hike through Knox Farm State Park and visit the park's largest trees! *For more information & registration call (716) 549-1050.*

First Day: Let's Go to Niagara Falls!-2 to 4pm at [Niagara Falls State Park](#). Join us for an afternoon stroll as we welcome the first day of the New Year at Niagara Falls! Along the way we'll share stories of America's oldest state park! *For more information & registration call (716) 282-5154.*

First Day at the Fort-2 to 4pm at [Fort Niagara State Park](#). Join us for a tour of the Officer's Club to view the stunning murals and museum displays, followed by a walk to view the War of 1812 Cemetery, and the lighthouse overlooking Old Fort Niagara. (The Fort is Closed on New Year's Day.) *For information and registration call (716) 282-5154.*

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

6th Annual New Year's Day Hike for your Health- 10am for 1 hr. I think we can all agree that putting 2020 behind us will bring a collective sigh of relief. Happily, we have hope and opportunity ahead in 2021. What better way to celebrate the beginning of a New Year than to spend a little time in nature. If you would like to share in a bit of safe, communal inspiration, then join us on our 6th annual winter's day hike at Pfeiffer Nature Center! This hike will take place at the Lillibridge Preserve, 1974 Lillibridge Rd., Portville. The hike is free to the public but **pre-registration is required**. Because of COVID safety measures, social distancing and masks covering your mouth and nose are required. Group sizes will be limited to 10 participants. Reserve your space(s) by e-mailing: naturalist@pfeiffernaturecenter.org, or calling the office **716-933-0187 by Tuesday, December 29th**. Please include a contact phone number with your reservation. You will be contacted to confirm your reservation.

eBird 365 Day Checklist Challenge-10am to noon. Start the year with the birds at Beaver Meadow! Download the eBird app and challenge yourself to submit an eBird Checklist every day in 2021. Show us your 365-day checklist streak on December 31st, 2021 and become eligible to win an exciting prize! Binoculars are available. Pre-registration is required. \$10. **Call 585-457-3228 to register.**

First Day Hike at Beaver Meadow-1 to 2:30pm. Welcome 2021 in the great outdoors with a guided hike at Beaver Meadow! We'll look for winter animal signs and enjoy some fun winter activities! If there is enough snow, we can even snowshoe! Pre-registration is required. \$10 per person. **Call 585-457-3228 to register.**

Saturday, January 2

First Weekend Bird Walk-10am to noon at [Woodlawn Beach State Park](#). Start your annual bird list off with a bang as we walk along the trails of Woodlawn Beach State Park. *For more information & registration call (716) 549-1050.*

First Weekend Winter Wonderland-10am to 11am at [Artpark State Park](#). Let's take a walk where it all began, taking in the views the falls origin ~12,000 years ago while enjoying the crisp air, learning the parks history and geology. *For more information & registration call (716) 282-5154.*

First Weekend Winter Walk-1 to 2:30pm at [Niagara Falls State Park](#). Spend your first weekend of the New Year at Niagara Falls. The sights and sounds await you! *For more information & registration call (716) 282-5154.*

New Year Snowshoe Hike in Amherst-10:30am. Learn the basics of snowshoeing and enjoy a guided snowshoe walk. Note: this program takes place at Billy Wilson Park/Great Baehre Swamp in the Town of Amherst. \$15.00/person; Friends members = \$10.00. Pre-registration required; <https://reinsteinwoods.org/events/winter-programs-at-reinstein-woods/>

Flyway Birding at Buckhorn Island State Park-9am to noon. Start off the year with a 4-mile walk to the northern tip of Grand Island and back! We'll look for the ducks, geese, and swans that make their winter home on the Niagara River, and possibly an Eagle or two! Meet at the Woods Creek Canoe Lot. Binoculars are available. Pre-registration is required. Donations gratefully accepted. **Call 585-457-3228 to register.**

Sunday, January 3

First Weekend Winter Walk-1 to 2:30pm at Niagara Falls State Park. Spend your first weekend of the New Year at Niagara Falls. The sights and sounds await you! *For more information & registration call (716) 282-5154.*

Tuesday, January 5

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

Wednesday, January 6

GBNRTC Meeting-9:30AM. Join Zoom Meeting: By Computer:
<https://us02web.zoom.us/j/81114079889?pwd=NTNaRWFHdTFiNmZmcjRjUnZjcVMYQT09>.
Meeting ID: 811 1407 9889, Passcode: 729717

Southern Tier Trail Public Meeting-Join GObike and Alta Planning & Design for a virtual public meeting on from 6:00 to 7:30 p.m. to view a presentation of the final plan for the proposed Southern Tier Trail project and next steps along with an extended Q&A period for stakeholder questions. For more information on the proposed Southern Tier Trail, please visit GObike's project page at southerntiertrail.org. [REGISTER HERE](#)

Thursday, January 7

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

Friday, January 8

Climate Watch Introduction Webinar-7 to 8pm. Register at 585-457-3228. Buffalo Audubon hosting.

Saturday, January 9

Flyway Birding: Fort Niagara State Park-10am to noon. For info and registration, call Buffalo Audubon at **585-457-3228**.

Evangola snowshoe- 10 a.m. – 12 p.m. A celebration of snow sports and a chance to try snowshoeing or cross-country skiing at your favorite state parks! (skis and snowshoes provided) Program location may be moved to a nearby park depending on snow conditions. *Call (716)549-1050 for the meeting place and equipment reservation.*

Christmas Birdcount for Kids- 9:00 AM. A great way to introduce kids to birding and escape the post-holiday blahs! Small teams of kids will compete to see who can find the most birds during 90-minute hikes at Reinstein Woods and other nearby sites. Binocular instructions provided. For more information, call 716-683-5959. Pre-registration required, register online at <https://reinsteinwoods.org/events/cbc-for-kids2021/>.

Boat America Course- 10am to 3pm on each of two dates (includes Jan. 16). Cost is \$25. Virtual course. [Registration and info.](#)

Virtual Gardening Class: Raising Chickens with Katie Pfohl - 2pm. Sponsored by Grassroots Gardens and Urban Roots. Space is limited and [registration](#) is necessary. 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://nefolandtrust.org/reciprocity>

Sunday, January 10

Evangola cross-country ski- 10 a.m. – 12 p.m. A celebration of snow sports and a chance to try snowshoeing or cross-country skiing at your favorite state parks! (skis and snowshoes provided) Program location may be moved to a nearby park depending on snow conditions. *Call (716)549-1050 for the meeting place and equipment reservation.*

Tuesday, January 12

Protecting Rare Species from Invasives in the Finger Lakes (Finger Lakes PRISM) - 11 a.m.-12 p.m. - Join the Finger Lakes PRISM for their Invasive Species: How to Know, Observe and Report Webinar Series. This presentation will feature Steve Young, Chief Biologist from the [NY Natural Heritage Program](#). Please [register in advance](#).

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.

"The Miniature World of Mosses and Liverworts—7:30pm. An Introduction to Bryology". Our virtual speaker will be Robert (Bob) Klips, well-known to many of us as a former NFBS member. Bob has for many years been on the faculty at Ohio State University in Columbus in the Department of Evolution, Ecology and Biology. Link will be posted at [site](#).

Alternative Recycling Technologies & Products with Post-consumer Resin- 2pm. Webinar. [Register here](#). Moving the conversation about alternative recycling technologies from speculation to reality, and its role relative to traditional recycling programs and post-consumer resins, is the goal of this webinar.

Wednesday, January 13

Farming for Justice: 7Gen Food System: An Indigenous Vision for Food that Grows a Nation- 12pm-1:30pm EST via Zoom. This free engaged webinar will be recorded. [Register Here](#). This event is part 1 of a 2 part series. [Sign up for part 2 here](#). The Sicangu Food Sovereignty Initiative envisions a sovereign food system that nourishes and heals Lakota people and land for the next Seven Generations. The 7Gen Food System is an award-winning, ambitious vision that includes goals and initiatives at the individual, organizational, and governmental levels to enact lasting systemic change.

Buying Recycled: A Training-2pm. Webinar. [Register here](#). This webinar will provide information about why buying recycled is important, legislation and content standards, making a commitment to buy recycled, price, quality and availability, specifications, contracts, cooperative purchasing and closed loop and waste Prevention and Environmentally Preferable Purchasing.

CPC Carbon Neutral Summit: Decarbonization, what you need to know- 1 to 4:30pm. Please join CPC and NYSERDA as we kick-off our three-day summit series focused on decarbonizing the built environment. [Register](#).

"Are there Penguins in the Arctic?"-Buffalo Ornithological Society meeting with zoom talk. To answer this question, we will explore the connection between modern penguins of the Southern Hemisphere and the family of seabirds called Auks or Alcids that live in the Northern Hemisphere, including the Arctic. This presentation will take us north, south, and back in time." For link, check <https://www.buffaloornithologicalsociety.org/Calendar.aspx>

Thursday, January 14

Mapping our Oceans: The Role of Science and Technology in Sustaining Ocean Ecosystems-Virtual presentation from 12:30-1:30pm. Advancing technologies for visualizing and mapping our ocean planet are rapidly breaking down past barriers to both our understanding of ocean ecosystems and ocean resource use. Increased human uses of the oceans will likely be the largest area of new growth in the Anthropocene. This overview will use mapping and visualization as a lens to introduce a range of broad ocean management topics and trends that underpin the emerging Oceans @ Duke initiative. This continuing series will drill into more detail into a wide range of emerging ocean science, management and governance issues. [Register Now](#)

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

Living with Black Bears in New York State-6 to 7:15pm on Zoom. *Presented by Dr. Paul Curtis of Cornell University.* *Registration required: <https://calendar.libraryweb.org/event/7302212>

Urban Forestry Today: An Intro to Mapping & Spatial Data Applications for Arborists-12 to 1 pm. Join Dr. Forrest Bowlick, Univ of Massachusetts, on the broadcast as he introduces and outlines the science and practice of digital map-making and spatial techniques for arborists and urban foresters. Attend live and receive Free ISA/MCA CEUs. [Click here to register.](#)

The Power of Native Plants (SLELO PRISM and Cornell Cooperative Extension of Saint Lawrence County) –11 a.m. to 12:30 p.m. Join us for a free online class about the power of native plants, alternatives to exotic and invasive ornamental plants, and invasive species to watch for. Participants will also learn about nature-based community science opportunities they can contribute to from home. [Register for this session on Zoom.](#)

Friday, January 15

Buffalo Audubon Travels: Virtual Algonquin-7 to 8pm. For info and to register call Buffalo Audubon at **585-457-3228**.

Saturday, January 16

Winter Birds: Feeding and Foraging-10am. Enjoy a short walk at Reinstein Woods to search for birds foraging on the trail following an outdoor demonstration on winter bird-feeding tips. Pre-registration required; call 716-683-5959.

Beaver Island snowshoe- 10 a.m. – 12 p.m. A celebration of snow sports and a chance to try snowshoeing or cross-country skiing at your favorite state parks! (skis and snowshoes provided) Program location may be moved to a nearby park depending on snow conditions. *Call (716)549-1050 for the meeting place and equipment reservation.*

Winter Astronomy-5:30 to 7pm at DeVeaux Woods State Park. Spend an evening exploring celestial objects and star patterns that can be observed in the winter night sky. *For information & registration call (716) 282-5154.*

Arctic Edge- 2:00-3:30. Buffalo Zoo. Join us on a trip to the arctic! We will take a closer look at arctic animals, experience their adaptations for ourselves, and get a closer look at some of our winter-loving animals. Register at <https://buffalozoo.org/single-experience/wild-workshops/>

Virtual Gardening Class: Organic Disease & Pest Management with David Clark - 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 to noon. For info and to register call Buffalo Audubon at **585-457-3228**.

Sunday, January 17

Buckhorn Island cross-country ski- 10 a.m. – 12 p.m. A celebration of snow sports and a chance to try snowshoeing or cross-country skiing at your favorite state parks! (skis and snowshoes provided) Program location may be moved to a nearby park depending on snow conditions. *Call (716)549-1050 for the meeting place and equipment reservation.*

Learn to Cross-Country Ski-10am. Learn the basics of cross-country skiing before going on a short, guided ski tour at Reinstein Woods. \$15.00/person; Friends members = \$10.00. Pre-registration required; call 716-683-5959.

Monday, January 18

Family Winter Play Day-1 to 3pm. For info and to register call Buffalo Audubon at **585-457-3228**.

Tuesday, January 19

Fun Facts with Kelly: Winter Trivia-6 to 7:30pm at DeVeaux Woods State Park. Come on out to play a game of trivia - Jeopardy style! From hibernation to migration 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: Winter Wildflowers-10am. Explore the world of winter plants and see what next summer's wildflowers will look like. For adults only. Pre-registration required; [Register Here](#)

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.

Wednesday, January 20

Wednesday Winter Walk-10am to noon at Evangola State Park. Head to the woods for a scenic walk through Evangola as we decipher animal tracks and enjoy the winter snow. *For information & registration call (716) 549-1050.*

Invasive Species & Climate Change Symposium -The fourth annual Regional Invasive Species & Climate Change (RISCC) Symposium will be held virtually via Zoom on **January 20-21, 2021** from **12:30-5pm ET**. Join for these two half days to share perspectives, learn from colleagues, and discuss climate change and invasive species management. The event is free and open to the public. [See agenda and register now →](#)

Diving into the Digital Coast: Great Lakes virtual training- 3-4pm Eastern. During this interactive webinar, you will learn about a suite of coastal resilience resources available on [National Oceanic and Atmospheric Administration's Digital Coast](#). You'll hear about resources for assessing coastal hazard risks and implementing nature-based solutions in the Great Lakes region, and will have an opportunity to ask questions. It will be a great opportunity to explore some new resources! You can register [here](#).

Depackaging & Commercial Composting - An Integrated System for Organics Recycling-Webinar 2 to 3:30pm. Depackaging is a relative new player in the commercial composting industry, providing a tool for commercially generated food waste - such as unsold and damaged food and beverages - to be separated from its packaging. The food is composted in an anaerobic digester and the packaging is recycled [Register](#).

Farming for Justice: Returning Buffalo to Native Nations to Strengthen Land and People-12pm-1:30pm EST via Zoom. *This free engaged webinar will be recorded.* [Register Here](#). This event is part 2 of a 2 part series. [Sign up for part 1 here](#). We encourage sign ups for both, but it is not required. The Wolakota Buffalo Range is a visionary project that harnesses the power of public, private, and governmental partnerships to allow the Sicangu Lakota (people of Rosebud) to strengthen their sovereignty. At 28,000 acres, Wolakota has the capacity to grow to over 1,500 head of buffalo which will make it the largest Native-owned and managed herd in the world, creating huge and lasting social, economic, cultural, and ecological impacts.

Thursday, January 21

Virtual Public Meeting: Polystyrene Packaging Ban-11am. DEC in partnership with NYSP2I will provide an informational presentation with interactive stakeholder engagement regarding the recently enacted law. Beginning January 1, 2022, no covered food service provider or store (retail or wholesale) will be allowed to sell, offer for sale, or distribute disposable food service containers that contain expanded polystyrene foam in New York. In addition, no manufacturer or store will be allowed to sell, offer for sale, or distribute polystyrene loose fill packaging (commonly referred to as packing peanuts) in the state. [Registration](#) is required to attend the virtual public meeting. If you are unable to attend, please note this webinar will be recorded and sent to all registered attendees.

Invasive Species & Climate Change Symposium -The fourth annual Regional Invasive Species & Climate Change (RISCC) Symposium will be held virtually via Zoom on **January 20-21, 2021** from **12:30-5pm ET**. Join for these two half days to share perspectives, learn from colleagues, and discuss climate change and invasive species management. The event is free and open to the public. [See agenda and register now →](#)

CPC Carbon Neutral Summit: Portfolio & Planning Low Carbon Solutions for New and Existing Buildings- 1 to 4:00pm. Please join CPC and NYSEDA as we kick-off our three-day summit series focused on decarbonizing the built environment. [Register](#).

Citizens Regional Transit Meeting-5:30 to 7:30pm. Virtual meeting with link posted at <http://www.citizenstransit.org/>. CRT Annual Meeting and Exploration of 2021 Expectations following Recent elections. Speakers: Doug Funke, President, Citizens for Regional Transit and Hal Morse, Executive Director, Greater Buffalo Niagara Region Transportation Council (GBNRTC).

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

Saturday, January 23

Learn to Cross-Country Ski-10am. Learn the basics of cross-country skiing before going on a short, guided ski tour at Reinstein Woods. \$15.00/person; Friends members = \$10.00. Pre-registration required; call 716-683-5959.

Virtual Gardening Class: Native Plants & Feeding Nature with David Clark -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://nefolandtrust.org/reciprocity>

Birding Field Trip - DEC Winter Raptor Survey, Cayuga Overlook INWR, ***weather date is Sunday, January 24***. Meet at 4:15pm in the parking lot of the Cayuga Overlook, Iroquois National Wildlife Refuge. Leader: Bruce Hoover (716-579-3894; hoover19br@gmail.com). During this BOS field trip, we will be searching for both Short-eared Owls and Northern Harriers as well as possible Rough-legged Hawk. The local pair of Bald Eagles should be settling into their incubation duties as these birds begin nesting very early in the year. As part of the outing, a Winter Raptor Survey will be conducted for the NYS Department of Environmental Conservation. This is an ongoing volunteer citizen science effort in the monitoring of wintering raptors. We will conduct the survey from 4:30pm-5:45pm. Bruce will provide a brief description of the DEC survey protocol. Plan to arrive by 4:15 dressed warmly. The group will remain in the parking lot for the duration of the survey - think of this trip as a Big Sit! Because of this, you will be able to intermittently pop into your vehicle to warm up if needed! The owls typically become active around sunset while Northern Harriers should be active upon our arrival. At times, the two species will interact as they cross paths and this can be very entertaining! Social distancing and mask-wearing guidelines will be adhered to. If interested in joining this event, please contact Bruce Hoover by text or email.

Snowshoe Fun!-11 am to 1pm at Golden Hill State Park. It's a fun time for all on snowshoes! Come for a snowshoe walk along the shore of Lake Ontario. (Weather Dependent) *For information & registration call (716) 282-5154.*

Knox Farm Cross-country ski-10 a.m. – 12 p.m. A celebration of snow sports and a chance to try snowshoeing or cross-country skiing at your favorite state parks! (skis and snowshoes provided) Program location may be moved to a nearby park depending on snow conditions. *Call (716)549-1050 for the meeting place and equipment reservation.*

Sunday, January 24

Knox Farm snowshoe- 10 a.m. – 12 p.m. A celebration of snow sports and a chance to try snowshoeing or cross-country skiing at your favorite state parks! (skis and snowshoes provided) Program location may be moved to a nearby park depending on snow conditions. *Call (716)549-1050 for the meeting place and equipment reservation.*

Tuesday, January 26

Virtual Program: Planting for Pollinators-10am. It's never too early to think about your summer garden! Discover how choosing the right plants can benefit wildlife while also beautifying your yard. Pre-registration required;[Register Here](#)

Planning for Emerald Ash Borer: Best Practices for Managing Adirondack Ash Woodlands (Adirondack Park Invasive Plant Program) –10 to 11 a.m. Geared toward land and estate managers, woodlot owners, entities and municipalities, and homeowners with multiple acres, this workshop will review best practices in preparing for, limiting the spread of, identifying, and living with emerald ash borer. Find registration info [on APIPP's website](#).

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.

Wednesday, January 27

West Valley Citizen Task Force meeting- 6:30pm. will be held via Zoom. Registration is required. For meeting information please visit the [Meeting Information](#) page.

Invasive Species Webinar: Tree of Heaven Biocontrol-11 am . Join us for a presentation from Dr. Matt Kasson, Director of the International Culture Collection of (Vesicular) Arbuscular Mycorrhizal Fungi (INVAM) & Associate Professor of Forest Pathology and Mycology, as he presents on *Tree-of-heaven Biocontrol*.
Date: January 27th, 2021 11:00 AM-12:00 PM Eastern Time (US and Canada). [Zoom link](#)

Driving Demand for Recycled Products: Government Recycling Demand Champion Program-2pm. Webinar. Taking action to support the recycling industry is essential - especially these days. A new national program, the [NERC-APR Government Recycling Demand Champion Program](#), provides a simple strategy for closing the loop by buying products with post-consumer plastic recycled content. [Register here](#).

CPC Carbon Neutral Summit: Decarbonization in Practice, What's Driving Demand for Low Carbon Buildings- 1 to 4:00pm. Please join CPC and NYSERDA as we kick-off our three-day summit series focused on decarbonizing the built environment. [Register](#).

Thursday, January 28

Full Moon: The Wolf Moon- 5 to 7pm at Beaver Island State Park. The first full moon of the year will be our guiding light. Come along, as we explore the woods at night! *For information & registration call (716) 282-5154.*

Recycling Markets in 2021-2pm. Webinar. With the new year, will the recycling markets get better? We will hear from three leading industry experts on what to expect in 2021. [Register here](#)

How Parks can Make Communities More Sustainable and Resilient-1:15 to 2:45pm. Link and recording will be sent to all that [Register](#). Parks and recreation systems have evolved in remarkable ways over the past two decades. No longer just playgrounds and ballfields, parks and open spaces have become recognized as essential green infrastructure with the potential to contribute to community resiliency and sustainability. To capitalize on this potential, the parks and recreation system planning process must evolve as well. In his book, [Parks and Recreation System Planning](#), landscape architect [David Barth](#) provides a new, step-by-step approach to creating parks systems that generate greater economic, social, and environmental benefits.

Making Plans – “So What is Sustainability Anyway?”-4 to 5:30pm. Pre-registration is required. Register [HERE!](#) WNY Sustainable Business Roundtable workshop. This workshop will address: What sustainability means and how a business can relate to the Sustainable Development Goals
How a business can address the “S” and “G” in ESG (Environmental, Social and Governance) by showcasing examples that include equity, ethics, board oversight, etc. How a business can move forward with creating a plan utilizing tools and templates.

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

Saturday, January 30

Woodlawn Beach snowshoe-10 a.m. – 12 p.m. A celebration of snow sports and a chance to try snowshoeing or cross-country skiing at your favorite state parks! (skis and snowshoes provided) Program location may be moved to a nearby park depending on snow conditions. *Call (716)549-1050 for the meeting place and equipment reservation.*

Winter Tree ID-10am. Don't know the difference between a spruce and a pine tree? Come learn how to ID local trees in winter at Reinstein Woods. For adults and children ages 10 and older. Pre-registration required; call 716-683-5959.

BWELL Snowshoe Walk- 1pm at Reinstein Woods. Register at <https://reinsteinwoods.org/b-well-snowshoe-walk-registration/>

Virtual Gardening Class: Herbal Fire Cider with Stephanie Morningstar - 11am. 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://nefolandtrust.org/reciprocity>

Sunday, January 31

Gardens after Dark-Admission by ticketed times after 5:30pm at the Buffalo & Erie County Botanical Gardens to view the collection. Purchase tickets and select times at [link](#).

Tips for the Environment:

Reduce Waste and Recycle Right This Year!-Start 2021 off with waste reduction and recycling practices in mind! Learn the “ins and outs” of your local program so you can recycle right this year and reduce contamination in recycling streams across NY. Before you throw an item in the trash, take a second to search some alternative ways to use or manage it. Can it be reused? Can it be donated? Does your recycling program accept it?

Getting Takeout for home?-Opt out of disposable ware and condiment packets unless necessary.

Using a Meal Delivery System?-If it comes with gel-filled cold packs, consider what to do with them. Many are reusable, so share with others for their coolers or store a few for cold packs for injuries. Ideally, companies may offer a take-back program. You can also pass along these cold packs to nonprofits. Ask around at your local food bank, churches, schools, pre-schools, Meals on Wheels, and any other organization near you that prepares and moves food. If you decide to dispose of the gel in the bags, do not put the liquid down the drain, but dry it and put in the trash.

Recycling of PPE-The disposable masks and gloves that have helped keep us safe during the pandemic have been accumulating in trash. Terracycle does sell post-paid boxes for collection of materials that can be returned to them for recycling. Check them out [here](#).

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Slow Roll Buffalo- our volunteer squad serves in a wide variety of roles on Mondays and beyond, from planning routes and keeping the rides smooth to many forms of community outreach. Our big biking family is ever-growing - if you're looking for a fun and fulfilling way to get involved in our community on wheels, submit an [application](#)!

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

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

Additional calendars with local events-

<http://www.citybration.com>

<http://www.buffalospree.com>

<http://www.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

B-WELL Videos-<https://cityofbuffalo.viebit.com/index.php?folder=Be+Well+Buffalo>

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Learning Sustainability Campaign- <http://www.learningsustainability.com/>

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

Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>

Reuse Action-<http://reuseaction.com/blog/>

Rochester Environment- <http://www.rochesterenvironment.com/>

WNY Enviro- <http://groups.yahoo.com/group/WNY-ENVIRO/>

Outdoors Niagara- <http://www.outdoorsniagara.com/>

Environmental Tips- <http://www.globalstewards.org/ecotips.htm>

Buffalo Architecture and History- <http://www.buffaloah.com/>

Richardson-Olmsted <http://www.richardson-olmsted.com/>

Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029

Black Dog Rescue- www.blackdogsecondchance.org

Peace Weavers- <http://peaceweavers.org/>

Eco-Island Nature Center- <https://www.grandislandschools.org/domain/49>

NY Sport Fishing- <http://www.fishny.com/>

Erie Canal Trailway- www.ptny.org/bikecanal

Rochester Roots-<http://www.rochesterroots.org/>

New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>

We Love Outdoors-<http://www.weloveoutdoors.com/>

WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>

Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>

Citizen Science Opportunities- [listing](#)

County/New York State Resources

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

Green Jobs, Internships and Opportunities

Green Jobs- <http://www.greatgreencareers.com>
UB Green Job list- <http://www.ub-careers.buffalo.edu/green.php>
Listing of websites- www.tinyurl.com/SustainabilityAndGreenJobs
Additional jobs- <https://www2.erie.gov/index.php?q=job-openings-community>

Youth Summer/Holiday Camps/Home School Series

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

Education Resources

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

Grant Opportunities/Tools

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

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

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

Backyard Bounty-podcasts on homesteading, beekeeping etc. <https://heritageacresmarket.com/backyard-bounty-podcast/>
Becker Farms- <http://www.beckerfarms.com/csa>
Brewster Street Farm- <https://www.jersbuffalo.org/brewster-street-farm>
Buffalo Organics/Foodscaping Project-<http://www.buffalofoodscaping.com/>
Canticle Farms-<http://www.canticlefarm.org>
Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>
Cool Greens Vertical Farm- <https://www.facebook.com/Cool-Greens-Vertical-Farms-2261876070712461/>
Crown Hill Farms-<https://www.crownhillfarm.com/>
Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>
Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>
Falkimmer Farms- <https://www.facebook.com/FalkimmerFarms/>
Farmer Pirates-<http://www.farmerpirates.com/>
Farmers and Artisans- <http://farmersandartisans.com>
Farmthisway CSA - <http://www.farmthisway.com/>
Fenton's Produce- www.fentonsproduce.com

First Light Farm and Creamery- <http://www.firstlightfarmer.com/>
Five Loaves Farm- <https://5loavesfarm.org/>
Fleckenstein Farms-<https://www.fleckensteinfarms.com/>
Free Fallen Fruit Rescue-<https://www.facebook.com/freefallenfruitrescue>
Fresh Fix -<https://www.freshfix.com/>
Goodman Farms- <https://goodmanfarms.net/>
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Greater Buffalo Urban Growers-<https://www.facebook.com/greaterbuffalourbangrowers/>
Green Heron Growers- <http://www.greenherongrowers.com/>
Gregs U-Pick- <http://gregsupick.com/>
Groundwork Market Garden- <http://www.groundworkmg.com>
Healthy Living Farm- <https://www.healthylivingfarm.com>
Kindred Kreek Farms- <https://www.kindredkreek.com/>
Little Bear Farm- <http://www.littlebearfarm.harvesthand.com/>
Little Woods Farm-<https://www.littlewoodsfarmalden.com/>
McCollum Orchards- <http://mccollumorchards.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <https://platodalefarm.com/>
Porter Farms- <http://www.porterfarms.org/>
Produce Peddlers-<https://producepeddlers.com/>
The Promised Land- <http://promisedlandcsa.com/>
Providence Creek Farm- <http://www.providencecreekfarm.com/>
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
Rust Belt Harvest- <http://rustbeltharvest.org/>
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Utley Acres- <http://utleyacres.com/>
Westside Tilth Farm- <http://westsidetilth.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>
Local Meats- <http://meatsuite.com/>
NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>
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)

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

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

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

Books- www.booksforafrica.org, www.operationpaperback.org

Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.

Bras- www.donateyourbra.com, www.brarecycling.us

Building materials- www.buffaloreuse.org

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

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

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

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

Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org

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

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

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

Construction Materials-Buffalo ReUse, Habitat for Humanity Restore

Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>,

<http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz>

Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunning.com

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

Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.

Eyeglasses-Lions Club <http://donateglasses.net/search.html> for sites accepting donations

Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.

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

Furniture-Goodwill, Salvation Army, Amvets and other charities

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

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

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

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

Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,

Ink cartridges-RecyclePlace.com and most manufacturers

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

Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf

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

Packaging Materials (bubble wrap, peanuts)-UPS Store

Pharmaceuticals-dropoff sites at [map](#)

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

Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org

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

Recycling A to Z - [realsimple](#)

Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com

Sports equipment-resell/trade at www.playitagainsports.com

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

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

Toys, plastic- http://dmpgreen.com/mail_in.html

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

Water filters-Brita partners with preserveproducts.com/recycling

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

Eco-volunteering with Travel:

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

<http://www.globalteer.org>

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

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

Education Courses or Certificates:

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

On Demand Webinars:

[Extended Producer Responsibility](#) (other videos on same youtube channel).
[Plan-It GEO](#)
<https://www.ceres.org/events/ceres-climate-week-nyc-2020>- CERES from NYC program in Climate Week
EarthEcho [Youtube channel](#) Water Challenge [playlist](#).
STEMExplore Virtual Career Connections [Virtual Events](#) page

Miscellaneous tools including videos and websites:

Green America's guide to Socially Responsible Investing- <http://pubs.greenamerica.org/i/116105>
Buffalo Relocation and Self-Promotion <http://www.wherelifeworks.com/>
Change Food Library <http://www.changefood.org/changefoodlibrary/>
USDA Tool Kit for Local Food [toolkit](#)
[Better Than Ed](#)-Video series with Actor Ed Begley encouraging environmentally-friendly practices.
[EJSCREEN](#) is an environmental justice mapping and screening tool.
[Local Foods, Local Places Toolkit](#) to help communities develop their own plans for setting and achieving local food and revitalization goals.
[Archived EPA Climate Change Info.](#)
www.epa.gov/climate-indicators.
[Guide to help schools reduce food waste](#)
[Tool for Sourcing Local Meat](#)
[Click here to watch the Know Your Food videos.](#)
[iMATTER Youth Movement to Spark Change](#)
[Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement](#)
[EWG's Guide to Healthy Cleaning.](#)
[EWG's Tap Water Database.](#)
<http://www.nebeginningfarmers.org/online-courses/> -beginning farmer online training through Cornell.
[2018 Fuel Economy Guide](#)
[Climate Hubs](#) provides information for managing risks posed by a changing climate.
[NOAA National Marine Sanctuary Webinar series](#)
[NOAA One Science Seminar Series](#)
[Green Restaurant sustainability tool](#)
[Mapping Climate Change.](#)

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

Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June	http://adk-nfc.org/
AIA Buffalo Western NY	https://www.aiabuffalowny.org/
Air and Waste Management Association	https://awmanfs.wildapricot.org/
Allegany Nature Pilgrimage	http://alleganynaturepilgrimage.com/

Alliance for the Great Lakes	www.greatlakes.org
American Planning Association-WNY Section/Upstate	www.wnyapa.com
American Meteorological Society-WNY Chapter	www.facebook.com/amswnychapter
Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html
Animal Advocates of Western New York	https://animalswny.org/
Aquarium of Niagara	www.aquariumofniagara.org
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Birds on the Niagara	http://www.birdsontheniagara.org/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Astronomical Association	http://buffaloastronomy.com/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloudubon.org
Buffalo Blueway	https://buffaloblueway.com/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	https://www.buffaloinbloom.com/
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/

Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	https://buffalo-orienteeing.org/
Buffalo Ornithological Society	https://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Buffalo Women of Env. Learning/Leadership (BWell)	https://www.bwell.community/
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
Clarence Bluebird Trail	https://lambluebirdtrail.org/
Clean Air Coalition of Western New York	https://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.coalitionpositive.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cooperation Buffalo	https://www.cooperationbuffalo.org/

Cornell Cooperative Extension for Cattaraugus County	http://cattaraugus.cce.cornell.edu/
Cornell Cooperative Extension for Chautauqua County	http://chautauqua.cce.cornell.edu
Cornell Cooperative Extension for Erie County	http://erie.cce.cornell.edu/
Cornell Cooperative Extension for Niagara County	http://cceniagaracounty.org/
Daemen College Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	https://www.facebook.com/d2lsBuffalo/
Drave's Arboretum	https://www.facebook.com/dravesarboretum/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental Advocates NY	www.eany.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	https://esd.ny.gov/erie-canal-harbor-development-corporation-0
Erie County Climate Action & Sustainability	http://www2.erie.gov/environment/sustainability
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org

Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
500 Women Scientists, Buffalo Chapter	https://500womenscientistsbuffalo.wordpress.com/
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Research Consortium	https://www.esf.edu/glrc/
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/

Groundwork Buffalo	http://gwbuffalo.org/
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Inland Ocean Coalition-Buffalo Chapter	https://inlandoceancoalition.org/whoweare/chapters/buffalo/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jssbuffalo.com
Lake Erie Watershed Protection Alliance	http://www.erie.gov/lewpa
Leadership Buffalo	https://www.leadershipbuffalo.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Let There Be Light International	www.lettherebelightinternational.org
Local Initiatives Support Corporation	https://www.lisc.org/wny/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org

Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	https://nysacc.org/
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	https://parks.ny.gov/
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York Upstate Chapter, Landscape Architects	https://www.nyuasla.org/
New York State Wetlands Forum	http://www.wetlandsforum.org/index.html
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	Niagara Frontier Botanical Society

Niagara Outfitters	https://niagaraoutfitters.com/
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-1013633888708865/
Niagara River Greenway Commission	https://www.niagararivergreenway.com/
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/
Our Outer Harbor	http://www.ourouterharbor.org/
Partners for a Livable WNY	https://www.livablewny.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Pelion Garden	https://peliongarden.org
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Pollinator Conservation Association	http://www.pollinatorconservationassociation.org/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
PUSH Blue	https://www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	https://levesqueinstitute.niagara.edu/

Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://roccbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/EXTRA/enviromentalists.htm
Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	https://www.facebook.com/South-Buffalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	https://www.facebook.com/21stCenturyParkOnTheOuterHarbor/
UB Engineers for a Sustainable World	http://www.eswub.com/
UB Environmental Network	https://www.facebook.com/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html

UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.uli.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.org/
WASH Project	http://thewashproject.org/
Wellness Institute	https://creatinghealthycommunities.org/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Climate Action	http://www.wnyclimateaction.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.wnyea.org
Western New York Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Herpetological Society	http://www.wnyherpsociety.org/
Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	https://www.wnylc.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Mountain Bike Association	http://www.wnymba.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnysc.org/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/

Western New York Service Learning Coalition	https://wnyservicelearningcoalition.org
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY Raptor Center	Wnyraptor.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/wp/
West Side Ministries (716 Ministries)	http://www.westsideminstries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	https://buffalowind.wordpress.com/
Working for Downtown	http://www.workingfordowntown.org/
World on your Plate	http://www.worldonyourplate.org/
Youth Climate Summit	http://www.wnyclimateaction.org/