

Enviro-News

October, 2020

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

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

Articles:

Exercise your Civic Duty: Complete the Census and Vote in the Election

If you haven't already, make sure that your family completes the census form before the end of October. The numbers in Western New York determine access to funding and representation. For voting, you can request an absentee ballot by completing the application at <https://elections.erie.gov/Default> by October 27. **It is recommended that you complete it and mail it back as soon as possible to avoid delays.** The deadline to [register to vote](#) is October 9, so don't delay. Early voting will take place from October 24-November 1 and you can find polling stations at <https://elections.erie.gov/Early-Voting>. Election info is updated at <https://www.vote411.org/>

Electronics Recycling

Sunnking will hold a collection event on **November 7** in Niagara Falls and **Nov. 21** at Eastern Hills Mall. Residents must pre-register at Sunnking.com/Events and find a full list of recyclable devices. Brockport-based electronics recycler, Sunnking, filled its first event since the COVID-19 shutdown, so register early. New health and safety procedures will be in place to ensure a safe environment, including timed appointments, no-contact device removal, and dedicated drive-through lanes. Sunnking collects an average of 100 tons of electronics per event.

2020 Erie County Household Hazardous Waste Collection and Dropoff Vouchers

Future Household Hazardous Waste Collection events will be posted at erie.gov/recycling. An October 31 dropoff in the town of Boston is the last collection for the year. Residents are required to pre-register to attend a collection event to receive a time block and location. **Pre-registration** can be made beginning **one month prior to each event, on-line** or by phone at 858-6800. 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](#).

Reinstein Woods Fall Festival Challenges

Reinstein Woods is holding a 20-day-long celebration: the [20-2020 Festival!](#) We invite you to get outside, become more sustainable, discover our long-term festival partners, and partake in online versions of "festival favorites." There's something for everyone! From **September 19 - October 8, 2020**, Get Outdoors challenges you to visit participating parks and other areas ([Register now!](#)), Sustainability Challenge which encourages steps to minimize your impact ([Register now!](#)) and Partners in 20 days which features different festival exhibitors each day (like us on [Facebook](#), [Instagram](#) and [Twitter](#) to catch every day's post!). For other activities, [Visit our virtual fall Festival.](#)

LISC WNY Hosts the Equitable Neighborhood Development Summit

LISC WNY is delighted to host its first Equitable Neighborhood Development Summit, which will take place virtually on **Saturday, October 3, 2020** from **8:30 am – 4:00 pm**. The purpose of the event is to begin charting a course for how community development partners and residents can gain health and wealth through investment and development efforts in their communities, in response to the COVID-19 pandemic. Before the election dominates the discussion, and state federal officials finalize their 2021 platforms, there is time for neighborhoods to lift up neighborhood projects that are important to them. [Register](#).

National Solar Tour

The National Solar Tour is the largest grassroots renewable energy event in the nation. In light of the COVID-19 pandemic, Solar United Neighbors and the American Solar Energy Society are preparing for an all-virtual National Solar Tour. We are excited to help amplify the power of solar energy, while making sure that our community of solar owners and supporters stay safe. From **September 28th to October 4th**, hundreds of people across the nation will show off their solar homes and businesses. During this week, solar owners and supporters will have a chance to connect, ask and answer questions, and participate in a nationwide virtual solar experience. <https://www.nationalsolartour.org/>

Massachusetts Avenue Project Workshops and Fundraiser

Join MAP staff and special guests (from home) **October 5th - 10th** for a series of free workshops and ticketed cooking classes, all geared to help you use up, store, and save what the harvest has to offer! You can find a full list of virtual activities on our [website](#).

Buffalo History with Explore Buffalo

Our Fall 2020 Buffalo History Course is going virtual! Join from home on Zoom on Wednesday evenings from **October 21 to November 18** at 7pm for *Episodes in Buffalo History*. We'll look at five important time periods in Buffalo history, with a different presentation each week by an Explore Buffalo docent. At the end of this course, you'll have a deeper understanding of our community's history. Topics and registration can be found at [Register Now](#). This course must be purchased as a whole – you cannot register for individual sessions.

WNY Land Conservancy Scavenger Hunt

The Land Conservancy wants to help enliven your summer, so they've created the Land Conservancy Challenge! Participation is free, but with a suggested [donation of \\$50 you can help protect land in Western New York for future generations](#). It's a scavenger hunt, it's an opportunity to explore new places, but perhaps best of all it's a chance to have a little fun with your friends and family while you stay safe and socially distant. [Register](#), visit each of the 8 nature preserves and snap a photo. That's all you have to do. The Land Conservancy Challenge runs until October 15th or until we have winners in all three categories, so it's time to get out there and explore!

Apply Today for Leadership Buffalo

Leadership Buffalo is Making Buffalo Better. Through collaborations, community awareness, and civic engagement, we are uniting leaders to take action. Our six programs are educating individuals and providing resources to make a difference. Participants explore the challenges, concepts, complexity and practice of leadership around important issues through a series of day sessions. To apply for one of their programs, visit [applications](#). Deadline is **October 30**.

Delaware Park Tree Scavenger Hunt

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

Online LEED Green Associate Workshops

Live webinars are being offered for preparing for the LEED Green Associate exam. Webinars are offered on **Oct 17 or 25**. You can register [here](#) for a webinar or take a [course](#) at your own pace.

Cornell Agriculture In-service Registration Open

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

Interior's Invasive Species Plan

On August 13th, the U.S. Department of the Interior released their strategic plan for managing invasive species. This [plan](#)– tackling invasive species management with stakeholders from the Great Lakes region to Guam– is open to public comment until **October 9**.

Restoring American Chestnut

Chestnut blight may have wiped out American Chestnut, but SUNY ESF researchers are making progress to establish a blight-resistant variety. Their APHIS petition to make these blight-tolerant American Chestnut trees nonregulated status is open for public comment until **October 19**. To learn more, visit [project website](#) and view the [petition](#).

Transforming the Shoreline Sweep

Buffalo Niagara Waterkeeper's Summer Sweep will run through October, with four exciting pathways for participation for thousands of Western New Yorkers. 1. For options for individuals and families with sites for cleaning visit www.bnwaterkeeper.org/summer-sweep.

DEC Announces Enforcement of New York's Plastic Bag Ban to Start Oct. 19, 2020

DEC will begin enforcement of the State's ban on single-use plastic carryout bags on **Oct. 19, 2020**. The plastic bag ban, which went into effect on March 1, was not enforced per an agreement between the parties in a lawsuit brought by Poly-Pak Industries, Inc., et al, in New York State Supreme Court. DEC continues to encourage New Yorkers to use reusable bags wherever and whenever they shop with the #BYOBAGNY campaign, launched earlier this year. Additional information about exemptions to the plastic bag ban, frequently asked questions, and posters, flyers, and tip strips to download, as well as tips for keeping reusable bags clean are available on [DEC's website](#). New Yorkers use an estimated 23 billion plastic bags annually—each for about 12 minutes—and approximately 85 percent of this staggering total ends up in landfills, recycling machines, waterways, and streets.

Proposed Part 496: Statewide Emissions Limits

DEC is proposing a new [6 NYCRR Part 496, Statewide Greenhouse Gas Emission Limits](#). The proposed rule adopts limits on the emission of greenhouse gases in 2030 and 2050, as a percentage of 1990 emissions, per the requirements of the Climate Leadership and Community Protection Act. It applies to all emission sources in the State, but the rule does not itself impose compliance obligations. [A public comment hearing webinar for the proposed rule will be held October 20, 2020.](#)

Buffalo Outer Harbor BioBlitz

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

“The Changing Face of Recycling”-Conference Theme

The Northeast Recycling Council’s (NERC) Fall Conference—*The Changing Face of Recycling*—will focus on the impact of some of the key challenges in which the industry, states, and communities are tackling. NERC’s Conference will be held virtually on **October 20, 21 & 22** (1 p.m. – 5 p.m. *eastern*). The Conference [Agenda](#) features groundbreaking sessions and expert presenters that are paving the way for innovative thinking in working towards new solutions.

Young Professionals for Olmsted Parks (YPOP) Invites Supporters

Are you between 25 and 40 and would like to fundraise for Olmsted Parks with fellow young professionals. Apply by October 30. [Download YPOP flyer](#)

Draft Regional Bicycle Master Plan for Erie and Niagara Counties

Read the [draft plan](#) for our regional bike plan. The plan, which has had public input, is designed to improve bicycle access and safety in our region.

Want to get more from your woods?

Examine the methods to assess forest resources and discuss common woodland activities, such as cutting firewood, harvesting logs for mushroom cultivation, and support for wildlife and long-term forest health, in Cornell's [Farm Woodlot Management](#) online course. This 6-week course includes hands-on practice and will allow you to make informed decisions, knowing what actions owners can pursue and what activity they should contract through a forester. To add to the experience, live webinars will be held during the live instruction period — from **September 21 to November 2, 2020**, on Monday evenings at 6 pm ET (skipping October 12). These webinars allow you to meet on a weekly basis to learn from presenters and ask questions in real time. If you miss one, the webinars will be recorded and posted for later viewing. [Click here to register now!](#)

Become a Water Reporter

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

Humans and Dogs Seek Spotted Lanternfly

In August, Spotted Lanternfly (SLF) was [found for the first time in NY](#), and detecting this invasive pest efficiently is key to mitigate further damage. Recent funding from Cornell’s Atkinson Center for Sustainability allows NYISRI and partners to research SLF detection in a new way: with humans, and dogs. [Read our article.](#)

Harmful Algal Blooms (HAB) are Increasing in the Region

With warmer water temperatures, algal blooms proliferate in the summer. Visit [NYHABS](#), DEC's harmful algal bloom notification map, to view locations of freshwater HABs in New York State that were reported in the past two weeks. Click on a dot for more information, including the date it was reported, the waterbody name, and pictures. Click on the arrow at the bottom of the screen to view a list of reported HABs. If you observe one, please use the [reporting form](#) to submit a report to NYHABS.

NYSERDA Green Jobs Green New York Energy Studies

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

Rust Belt Harvest

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

Climate Pledge Friendly: Amazon Helps Customers Identify Sustainable Products

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

Start Where You Are: A Conversation on Uprooting Racism and Creating Systemic Change in STEM

The Biomimicry Institute hosted a panel of black professionals working in the science and sustainability movement. The group are advocating for diversity, inclusion and making nature a safe space for all. You can view a recording [here](#).

NERC's Fall '20 Virtual Conference is Coming

The Northeast Recycling Council will be held virtually on **October 20, 21 & 22**, from 1 p.m. - 5 p.m. The [Agenda](#) and [Registration](#) are available. We will be discussing the pressing issues affecting the recycling industry and communities as a result of the Pandemic, worldwide and domestic recycling markets, and other topics of concern.

Sixteenth Annual Symposium on Energy in the 21st Century

“On the Road to 100% Renewable Energy: Challenges and Opportunities” is the theme for this year’s Symposium on Energy. It has been rescheduled for **October 26, 2020**. Register [Here](#). For the speakers, visit <http://energy21symposium.org/>.

Creating Warm Floors with Modular Recycled Rubber Panels

Launched by entrepreneur Gary Hydock more than six years ago, the floating modularly designed panels not only provide a moisture barrier but can be installed over an undulating surface such as concrete without any mechanical attachment. From idea to finished product, the six-year journey included testing, certification, patent applications, and contractor-approved demonstration projects to bring the panels to market. Today, Hydock’s Salamanca, NY-based company Seneca Radiant Technology (SRT) and its products are Green Spec® listed, qualify for LEED points and are sourced by contractors, residential home owners and commercial developers for new build, remodeling and restoration projects. In 2017, the company established Seneca Radiant UK, expanding its recycled rubber modular radiant heat panels internationally, Hydock said. Seneca Radiant heat panels are designed to be installed over an existing concrete slab on grade, suspended high rise slab, over existing standard framing or under the sub-floor. The panel is made from 100 percent recycled tire rubber crumb. Individual panels are ¾ inches thick and weigh less than four pounds each. The rubber modular panel is one square foot in dimension with an engineered tube routing channel in the underside to house the radiant tube. The panels are shaped so that they interlock like a jigsaw, in both directions, without the need for fixing to the sub-floor. This attachment system allows for ease of connection for each individual panel and the modular system as a whole, creating an overall heating system characterized by quick and easy installation for both DIY installers and professionals, the company said. Read [more](#).

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.

National Young Farmers Coalition Introduces Racial Equity Toolkit

The National Young Farmers Coalition has created a [Racial Equity Toolkit](#) designed to orient and guide members toward preliminary consciousness-raising and direct action. According to the National Young Farmers Coalition, it is an initial resource for people who are overwhelmed by the breadth and depth of the problem, and need help determining how to start dismantling racism in their communities.

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.

‘Carbon Cowboys’ Documentary Series Highlights Regenerative Grazers

[Carbon Cowboys](#), a 10-part documentary of short films by director Peter Byck, was released online by environmental nonprofit Carbon Nation in collaboration with Arizona State University. The 8- to 23-minute films highlight profitable regenerative grazers across the United States and in Canada. Byck says, "The film shows farmers working with nature, rather than against it. You see them caring for their animals and for their land. You see farmers making more money and creating an alternative to industrial farming."

Slow Roll Introduces Social Distance Rides

While community events like Slow Roll Buffalo are currently suspended due to the state of emergency over the spread of COVID-19, yet parks are open to enjoy outdoor activity at safe social distance, Slow Roll is helping fill the void in communal gathering by posting the routes of our 2016 rides from five Buffalo parks and encouraging the public to ride individually for the benefit of our collective mental and physical health. The five public parks are part of the Buffalo Olmsted Parks system - Cazenovia, Delaware, Front, MLK and Riverside. Route maps are [online](#).

NYFOA Joins Audubon’s Harvests for Habitat Project

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

Genesee River Angler Diarists Needed!

Your fishing observations can help shape future fisheries management actions. DEC is seeking angler observations as it begins its angler diary program on the Genesee River in Allegany and Wyoming counties. The diarist program aims to record data for trout and bass fishing trips on the Genesee River from the Pennsylvania line downstream through Letchworth State Park between **March 1 and October 31, 2020**. Anglers who fish the Genesee River (even once) and would like to contribute observations by keeping a fishing diary for DEC can contact DEC’s Region 9 Fisheries office at (716) 379-6379 or by email at fwfish9@dec.ny.gov.

Funding Available for Job Training in Energy Efficiency and Clean Technology

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

New York State Green Building Conference

Experience the NYS Green Building Conference which has been rescheduled for **October 29 & 30, 2020** at the historic Marriott Syracuse Downtown, formerly Hotel Syracuse, and enjoy this newly renovated hotel with convenient features and a contemporary feel. For info and lodging, visit <https://www.esf.edu/greenbuilding/>.

Fabric Coating Created that Prevents Viral Adhesion

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

Bike-Friendly Business Certification

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

Buffalo Food Waste Diversion is Available Year-Round

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

Buffalo Bike Tours: Bike There Self-guided Rides

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

Solar-Powered Heritage Carousel

A solar-powered historic carousel had planned to open Summer 2020, but the pandemic delays have shifted the grand opening to spring 2021. The Buffalo Heritage Carousel, Inc. is nearing completion of the restoration of the 1924 Spillman carousel which features 34 hand carved and painted animals and 3 chariots. The Canalside building which will be its future home is currently under construction. Consider adopting one of the animals or contributing to the efforts of the project as they still need donations to meet their goals. The groundbreaking for the building occurred in October 2019 and construction will continue when allowed. For info, visit <http://buffaloheritagecarousel.org/>

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](#).

Report *Cladophora* on Shorelines

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

Oil Companies Misled Public about Plastics Recycling

A National Public Radio [podcast](#) discusses the volume of plastic trash that has been buried and not recycled. This story is part of a joint investigation with the PBS series *Frontline* that includes the documentary *Plastic Wars*, which aired March 31 on PBS. [Watch it online now.](#) NPR and PBS *Frontline* reviewed internal industry documents and interviewed top former officials. Though industry indicated that majority of plastic could be and would be recycled, the majority was not and companies profited from making new plastic.

Enzyme to Rapidly Breakdown Plastics

A team of scientists at the University of Portsmouth in England have developed a new enzyme with the ability to break down plastics up to six times faster than standard enzymes. The researchers, who previously engineered an enzyme found within bacteria of plastic bottles, combined it with a second enzyme to accelerate the breakdown of plastics. The first altered enzyme was called PETase, which will now be connected with MHETase to create the University's new enzyme protein. Between these two enzymes connecting, PET chains in plastic were found to break down twice as fast as PETase alone. For more, read [here](#).

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, or contact us at (503) 232-6639 or info@beebettercertified.org.

Business Membership Program to Encourage Greener Commuting

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

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.

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.

Erie County Launches Farmer-Customer Website

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

Follow GBUG!

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

Climate Change Solutions Simulator

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

Reduce Your School's Food Waste with New Toolkit

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

EPA Food Opportunities Map

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

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

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

Teachers: Get Your Free Climate Superstars Educator Guide!

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

Teacher's and Home-Schooling Resources

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Contests and Awards

[Campus RainWorks Challenge](#), a green infrastructure design competition for American colleges and universities that seeks to engage with the next generation of environmental professionals, foster a dialogue about the need for innovative stormwater management, and showcase the environmental, economic, and social benefits of green infrastructure practices. Stormwater pollution is a problem that impacts public health and water quality in communities across the country. The Campus RainWorks Challenge invites today's students to become part of the solution. Does your school have what it takes to win? Step up to the challenge. Registration deadline: **October 1**.

[The Grinnell College Innovator for Social Justice Prize](#) (the Grinnell Prize) honors individuals who have demonstrated leadership in their fields and who show creativity, commitment, and extraordinary accomplishment in effecting positive social change. Each prize carries an award of \$50,000, half to the winning individual(s) and half to their related, nominated organization. Nominations are due by **October 31**.

[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**.

Grant and Scholarship Opportunities

[Rural Relief Small Business Grants](#)- LISC is inviting small business owners in rural locations (<50,000) across the country to apply for the LISC-Lowe's program. Deadline: **October 5**.

[National Clean Plant Network's](#) purpose is to, "protect plants of economic value by diagnosing for plant pathogens, curing those plants, and to protect starter plants and make them available to industry." Deadline: **October 9**.

[The Technical Assistance Grant program](#) launched in 2012 to support discrete projects that preserve New York State's cultural and historic resources. Grants of up to \$4,000, with a required 20% project cost match from each applicant, are available to nonprofit groups and municipalities that own or have a long-term lease on buildings that house historic sites, museums, arts facilities, and other important institutions that serve an arts or cultural purpose and are open to the public. Deadline: **October 19**.

[2020 NYSOEA George Fuge Conference Scholarship Award](#)-The NYSOEA conference scholarship award honors George Fuge. Founding member, past president, and a leader in the outdoor education field who was proud to be part of an organization that inspires both young and old. Those that knew him were inspired by him. This award will allow NYSEOA to give back and assist educators to come to our conference. Award winners may be eligible for whole or partial scholarship which includes registration. Deadline: **October 31**.

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

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

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

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

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

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

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

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

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

[The Kars4Kids Small Grant Program](#) is dedicated to supporting education, mentoring, and youth development programs around the country that help children develop into productive members of their community. Grants typically range from \$500-\$2,000. Deadline: **Rolling**.

[Residential Curbside Recycling Cart Grant Program Request For Proposals](#)- to advance recycling in communities by offering financial and technical assistance to support the implementation of cartbased curbside recycling. Deadline: **Rolling**.

[H2O for Life Mini-Grants](#) provide \$250-\$500 mini-grants for schools to organize projects that educate youth about the global water crisis and help them take action to provide water, sanitation and hygiene education (WASH) for global partner schools. **Deadline: Rolling**

[The Karma for Cara Foundation](#) is encouraging kids 18 and under to apply for funds between \$250 and \$1,000 to complete service projects in their communities. **Deadline: Rolling**.

[NIEHS Conference Grants](#)-The mission of the National Institute of Environmental Health Sciences (NIEHS) is to discover how the environment affects people in order to promote healthier lives. Conference grant applications have a direct relationship to advancing the mission of NIEHS. In order to be responsive, all conference grant proposals must focus on or clearly indicate relevance to advancing our understanding of the role of environment and/or gene-environment interactions in disease/dysfunction. **Deadline: Rolling**.

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

[Wells Fargo Clean Technology and Innovation Grant Program](#) funds projects and programs related to research and development for new and emerging clean technologies by working with universities, colleges, research institutes and laboratories as well as entrepreneur incubator, accelerator and business plan competitions. If you would like to submit a topic for consideration provide a brief description (150 words or less).

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

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

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

[Cornell Douglas Foundation](#)- Its mission is to provide small grants to organizations which promote the vision of the foundation: advocating for environmental health and justice, encouraging stewardship of the environment, and furthering respect for sustainability of resources. **Deadline: Rolling**.

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

[Saving Species](#)- We help local conservation groups purchase land for conservation and habitat restoration, and may consider projects for restoration of habitat on land that is within an existing protected area. **Deadline: Rolling.**

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

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

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

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

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

[Doris Duke Environment Program Grants](#)-For Nonprofits registered and working in the US. Permanent land protection (i.e., the acquisition of conservation easements or fee title interests to secure high-priority sites), management of lands already in protected status, and more. **Deadline: Rolling.**

[WalMart Community and Education Grants](#) . Rolling Deadline, but minimum 6 month lead time advised. 501 (c) (3) organizations, schools, religious organizations and government agencies for requests over \$250. For requests under \$250, get a local donation form from your nearest Walmart at the customer service desk.

[Environmental Research and Education Foundation](#). Open. All educational materials for sustainable solid waste management, including conferences or events, which advance the foundation's educational mission. Grants are typically not provided to support the development of educational projects.

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

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

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

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

[World We Want Foundation](#) is accepting applications from organizations that represent youth making positive social change in their communities and around the world. Grants of up to \$5,000 will be awarded to youth between the ages of 13 and 25 who want to make a difference. Application deadline: **Rolling**.

[The Coca-Cola Foundation](#) partners with nonprofits that address priorities focusing on one of the following: Water Stewardship, Healthy and Active Lifestyles, Community Recycling and Education. **Rolling deadlines**.

[Kresge Foundation's Healthy Environments grant program](#) seeks to improve the health and well-being of vulnerable populations by making the places they live, learn, work and play safe and conducive to overall good health. Application deadline: **Rolling**.

[Cisco Global Impact Cash Grants](#) support nonprofit organizations in the U.S. and worldwide that provide assistance to underserved populations and leverage technology solutions to improve the reach, efficiency, and impact of services. Take the [Eligibility Quiz](#) to see if you can apply.

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

[Technical Assistance Grant Information](#)-The New York State Department of Environmental Conservation (DEC) is continuously accepting applications for Technical Assistance Grants (TAGs). TAGs are a citizen participation tool available to eligible community groups to increase public awareness and understanding of remedial activities taking place in their community. Eligible community groups may apply to receive grants for up to \$50,000 per site.

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

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

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

Employment and Internship Opportunities

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

[Program Manager and Program Associate for National Farm to School Network](#) – Open until filled.

[BUFFALO SOCIETY OF NATURAL SCIENCES POSITION DESCRIPTION Collections Assistant - Zoology](#) Inspiring curiosity through exploration Valuing Nature's Wisdom Department: Collections. Open until filled.

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

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

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

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

[Organizing Director](#)- will supervise and manage those within the Organizing Department, which includes Housing, Climate Justice and Field Organizing, Data and Logistics Coordinator, Tenant Advocacy, Grant Street Neighborhood Center staff 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.

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

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

[LISC WNY Program Assistant - Operations - Part Time](#)

[LISC WNY Program Officer - Housing - Full Time](#)

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

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

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

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

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

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

Citizen Science

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

[Earth Challenge 2020](#)

[Bumblebee Watch](#)

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

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

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

[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, October 1

Wearable Electronics for Health, Wellbeing and a Sustainable Future Webinar- 1-2pm. Join the Green Electronics Council (GEC) as we kickoff an important discussion about sustainable wearable electronic devices and their increasing impact. Wearable electronics are being recognized as a safe, reliable and accessible way to address ongoing healthcare needs and their use has been dramatically expanded by governments, healthcare systems, educational institutions, and businesses. This webinar will explain current sustainable procurement trends and the importance of the availability of sustainable wearable technology to meet the needs of organizations seeking to improve the wellbeing of their workforce, hospital systems expanding access to healthcare, and educational systems creating a safe learning environment for students and staff. Purchasers expect that sustainable wearable devices increasingly respect privacy, reduce global environmental and social impacts, and more broadly contribute to the United Nations Sustainable Development Goals.

[Register.](#)

Easy Preserving- Noon with Master Gardeners. Learn some quick and easy ways to preserve fall bounty from the garden. The instructor will demonstrate how to safely prepare infused flavored oils and flavored vinegars as well as demonstrate how to make sauerkraut at home. [Register here.](#)

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

Buffalo Blueway Virtual Meeting: Seneca Bluffs- [Register](#), 6:00 pm – 7:00 pm, online with Buffalo Niagara Waterkeepers.

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

Climate Justice Working Group Meeting- 2:00 p.m. In keeping with measures designed to limit the spread of COVID-19, the meeting will be held via teleconference. To observe the meeting, please use the WebEx information below. A recording of the meeting will be posted on the Climate Act website within three days of the meeting, or as soon as practicable. [Link](#).

Harvest Moon Hoopla-7 to 8:30pm at [Buffalo Harbor State Park](#). Come discover what all the hoopla's about as we set out on a moonlit hike to witness the rise of the harvest moon, the closest full moon to the autumnal equinox. *Call (716) 549-1050 to register for program.*

WNY Drilling Defense/Environmental Justice Taskforce Monthly Meeting-6pm. Plastics with John Szalasny, Sierra Club Niagara Group's expert on plastics. John will update us about recycling, plans to ramp up virgin plastic production, federal legislation regarding plastics, and divestment from fossil fuels. Join Zoom Meeting <https://us02web.zoom.us/j/86055198892?pwd=QnZ0ZXdyN21yVmdvL202ZWR3bWloQT09>

Community Discussion on Lighting Improvements at MLK Jr. Park-MLK Jr. Park, Shelters by the MLK Greenhouse. Stop by anytime between 5:00 p.m. and 7:00 p.m. You could learn about park lighting plans, see drawings, and give your feedback. Please practice social distancing and wear a mask. [View meeting flyer](#)

Pesticide Stakeholder Webinar-9am to 1pm. The DEC is considering changes to the entire series of pesticide regulations contained in [Parts 320 through 329](#). DEC will facilitate a discussion of potential and current changes to the regulations. Visit the [DEC's website](#) for complete information on this event. Register [HERE](#).

Clean Air Coalition Meeting on Seneca Babcock Concrete Facility-5:30pm. We need your help to turn the concrete crushing site on Peabody St. into a community owned land trust! For a decade residents of Seneca Babcock have fought for their health and quality life. ([WATCH this video where members describe their experiences](#)) Battaglia Demolition, which caused tremendous harm to the community closed in 2018. The company now faces court fines. Help us to bring the land under the control of the community. Join our meeting online or by phone on October 1st! Register at bit.ly/peabodyland or call 852-3813. Can't join us online or by phone? Join us at Seneca Street Church at 1218 Seneca St. (corner of Seneca St. & Imson St.)

"Is It Hot Enough For Ya?"-, a multi-generational conversation about climate change and activism. [Join us tomorrow](#) for our second episode at 3pm PT/ 6pm ET. If you missed it last week and it's new to you, here's what you can expect. Think of Oprah's Super Soul Sunday, but about climate change, activism and advocacy, and the disproportionate impacts of the intersecting effects of climate change on communities of color. Our Climate youth leaders are looking forward to bringing you an engaging, meaningful conversation on a weekly basis. Today's conversation will feature Our Climate Field Representative Benny Smith and Sanjana Paul, NASA Software Developer and Executive Director of Earthhacks. We're excited to kick off this new series, you can register via this [link](#)!

Friday, October 2

A Dose of Nature: Beach Walk-6 to 7:30pm at Beaver Island State Park. Escape the stress of everyday life and reconnect with nature. Join us for walk along the Niagara River. *Call (716) 282-5154 to register for program.*

Waste Program Overview & Emissions/Water Impact of Dining Ware Options- 11-11:30am EST

Speakers: Leah Ricci and Lisa Bjerke. Where: Zoom link to be sent once [registered](#). HBS (Harvard Business School) will provide a short overview of their waste program that helped them achieve a 70% reduction in waste. Greener U will then present case studies completed for HBS on the impact of their reusable and disposable dining ware options on emissions and water usage throughout the life cycle of the products. The studies help HBS understand how to better support both the University's Climate Action Plan, which includes a goal to quantify Scope 3 emissions, along with the University Sustainability Plan goal of reducing waste. Please note: this meeting will not be recorded.

Creating Connections: Volunteers and Professionals Part 1 (webinar) - 9 a.m. Join NYC ReLeaf for a two-part webinar series on Creating Connections: Volunteers and Professionals. This virtual workshop features presentations on environmental education and volunteers, urban soils, a discussion of the Play Fair initiative and its impact on the City's tree budget, and virtual tours of Snug Harbor Botanical Gardens and the Greenbelt Native Plant Center. [Registration in advance is required; register for Part 1 online](#)

Mason Bee Cleaning-3:30 PM – 5 PM. Pelion Community Garden at City Honors School. [Link](#).

Buffalo Geological Society Meeting- ZOOM meeting at 7:15 pm. The meeting will feature Dr. Loren Babcock discussing "Stars of the Mineral World". Please check your e-mail for the virtual meeting link and instructions on how to join. If you have any questions or are not on the mailing list, please contact Craig Postmantur at c.posmantur@att.net.

Saturday, October 3

Trailside Art-1pm. Create ephemeral art inspired by the artist Andy Goldsworthy along the trails and ponds of Reinstein Woods. Reinstein Woods Nature Preserve, Depew. Registration required, call 716-683-5959 to register.

Horticulture I Classes: Garden Design-Hosted by the Buffalo & Erie County Botanical Gardens. 11am to 1pm held on Zoom. David Clark, horticulturist & CNLP, will teach. He is entertaining and informative. The fees are \$25 per class or \$150 per series for the general public and \$22.50 per class or \$135 per series for members of the Botanical Gardens. These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. An optional supply list will be posted online for those who wish to supplement their instruction with hands-on materials. [See details and register here.](#)

Volunteers for North Tonawanda Botanical Garden-1825 Sweeney St., North Tonawanda. Meet at the gazebo. Sessions will be from 9 a.m. to noon October 3 and 17. Ongoing projects are weeding, mulching and set up of raised beds in the fenced-in perennial bed area. There are 11 acres to keep social distance. Any level of gardening experience is welcome.

LISC WNY Hosts the Equitable Neighborhood Development Summit: Demystifying the Development Process-8:30 am to 4:00 pm. The purpose of the event is to begin charting a course for how community development partners and residents can gain health and wealth through investment and development efforts in their communities, in response to the COVID-19 pandemic. Before the election dominates the discussion, and state federal officials finalize their 2021 platforms, there is time for neighborhoods to lift up neighborhood projects that are important to them. [register](#)

What is iNaturalist?- 9:30 to 10:15am webinar. iNaturalist helps you identify plants and animals around you. By recording and sharing your observations, you'll create research quality data for scientists working to better understand and protect nature. Plus, you get to connect with fellow nature and park lovers! [register](#)

Masterson's Virtual Honey Festival: Beekeeping 101 - 11:00 AM Eastern Time , free webinar, Join Zoom Meeting <https://us02web.zoom.us/j/84535935434?pwd=ZURNSVNDNSI2L2tRjFrYWo3MlhwZz09>

A Gorgeous Autumn Stroll-10am to noon at Artpark State Park. Early Autumn is upon us! Let's take a walk and explore the many changes we start seeing in the Niagara Gorge! *Call (716) 282-5154 to register for program.*

Wild Brews-3-7 pm. This intimate fundraiser will be like no other! Sit and enjoy some wine or beer as we bring our wildlife ambassadors around for up-close encounters. Get your favorite tacos at the Lloyds Taco Truck! Take your picture with a resident non-native raptor and porcupine. Get up close with our wild cats. Feel the power of a raptor flying above during our flying demos. Tour our center without the crowd. Tickets also include a souvenir drinking cup, drink ticket, and a chance to win a raffle! Space is limited. 21+ event. Parking is free and available at 1963 Mill Rd. No pets please. Event is rain or shine. Hawk Creek Wildlife Center is located at 1963 Mill Rd., West Falls, NY 14170. [MORE INFO & TICKETS](#)

Fun Facts with Kelly: Wildflower Edition-2 to 4pm at Artpark State Park. Walk along the gorge in a park that showcases not only man-made art but also natural masterpieces! Learn about common and unique flora while taking in the spectacular views. *Call (716) 282-5154 to register for program.*

Penn Dixie Day-We celebrate 25 years of Hamburg love with free admission for Hamburg residents! Join us for a complimentary tour of our 54-acre park that was made possible by support from the town that friendship built — Hamburg, NY. Reservations required; tickets limited. Rain or shine, all ages welcome. Follow [this link](#) and select the Hamburg Resident ticket option for any tour time on October 3. Non-residents are welcome to join at our usual admission rates. **What to Bring:** Proof of residency in Hamburg such as driver's license, passport, or utility statement. Proof is required for one adult in each household group.

Agricultural Fair- Genesee Country Museum, 1410 Flint Hill Road, Mumford, NY 14511. Celebrate the bountiful Western NY harvest as the Museum shines in its finest fall colors! Enjoy livestock and cooking demonstrations, entertainment for the whole family, and browsing for unique finds at the market in the tradition of the country fairs of days gone by. Join us Saturday and Sunday, October 3 and 4, from 10 am-5 pm. Tickets will be sold for two sessions each day. Morning Session #1 is from 10 am to 1:30 pm and the Afternoon Session #2 is from 1:30 pm to 5 pm. We will also be staying open until 5pm to accommodate as many people as possible. Order tickets at <https://www.gcv.org/events/ag-fair/>

Backyard Birds and Birdfeeders: Part 1-\$15 Non-Members / \$12 BAS Members per session, 3-part series (other dates 11/7, 12/5): \$40 Non-Members/\$30 BAS Members. Part 1 - Join Naturalist Tom Kerr at Beaver Meadow for an introduction to your neighborhood birds and what you need to attract them to your backyard. Pre-registration is required. 10AM-12PM. To register call, 585-457-3228.

Sunday, October 4

Agricultural Fair- Genesee Country Museum, 1410 Flint Hill Road, Mumford, NY 14511. Celebrate the bountiful Western NY harvest as the Museum shines in its finest fall colors! Enjoy livestock and cooking demonstrations, entertainment for the whole family, and browsing for unique finds at the market in the tradition of the country fairs of days gone by. Join us Saturday and Sunday, October 3 and 4, from 10 am-5 pm. Tickets will be sold for two sessions each day. Morning Session #1 is from 10 am to 1:30 pm and the Afternoon Session #2 is from 1:30 pm to 5 pm. We will also be staying open until 5pm to accommodate as many people as possible. Order tickets at <https://www.gcv.org/events/ag-fair/>

Sunday Morning Erie County Park Hikes-9am. The Ranger led Sunday Hikes are an opportunity for you to get out and explore the extensive trail networks available in many of our parks. Each week a Ranger will lead a 2-3 hour exploration with the intent of getting off the main trails and exploring some new trails. During these hikes you can expect to get out and moving, to learn some new trails & hiking safety tips, and although these aren't intended to be a traditional nature hike, the Rangers can't stop talking about the natural world, communities, species, and features they come across. ****Masks are mandatory and attendance is limited to 25 hikers per hike**** For location, [Register For A Hike](#).

Wildlife and Nature Photography-10am to noon at Iroquois National Wildlife Refuge. Learn the photo techniques required to take brilliant nature photographs. Learn the basics of capturing quality outdoor photos. Hone those photo techniques as you take photos of the refuge from trails and overlooks around the refuge. You'll start at the Visitor Center, and then hit the trails to seek out the beauty around the refuge. Bring cameras and other equipment (tripods). Dress weather appropriate and for trail-hiking. Space is limited and registration is on a first-come, first-serve basis. To register please call 585-948-7036. This program is free and open to the public.

Tuesday, October 6

Virtual Workshop: Leaf Art-10am. Explore different methods for pressing leaves and simple leaf crafts that you can do at home. You can even make your own leaf press! For kids and adults. Register online at www.reinsteinwoods.org.

Virtual Educator Workshop: What's Going On in That Graph?-4:30 to 6pm. Based on the popular New York Times feature, educators will learn how to use graphs and maps to spark conversation about local environmental issues, including climate change and environmental justice. For educators of students in grades 6–12. Register online at www.reinsteinwoods.org.

Annual Tuesday Evening Stress Reducer Paddle-6:00 pm - 8:30 pm. STRESS Reducer Paddle on Ellicott Creek! Whether this is your first time in a kayak or an “old has been paddler” it’s a time to enjoy the water, meet some new people, talk to some old friends and relax for an evening. Come join the guides and instructors of Paths, Peaks and Paddles every Tuesday evening for a paddle for either relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. Must wear a PFD properly, no alcohol, stay with group, no electronics. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Voluntary Initiatives Driving the Use of Minimum Recycled Content in Products & Packaging-2pm. [Register here](#).

Garden volunteers for Buffalo Niagara Heritage Village-9:30am to noon, weather permitting. Work with Master Gardeners in the gardens at [Buffalo Niagara Heritage Village](#), 3755 Tonawanda Creek Rd., Amherst. All levels of skills are welcome. Please contact Rosalind Rivers at rdrivers123@roadrunner.com.

Building Operations & Planning for Repopulation - 1–2 p.m. Hear from industry expert Ben Myers, Vice President, Sustainability, at Boston Properties (BXP), who has taken a message of care and strategic thinking to enable offices to re-open successfully in the past 3 months. Myers will address concerns around office reopening as we adjust to our new normal. [Register](#) for webinar.

Fast-tracking the transition to an equitable low carbon economy-11am. A conversation with Mark Lee, Executive Director of SustainAbility, an ERM Group company, to discuss how lessons we are learning from COVID-19 and the racial justice movement in 2020. [Register](#).

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

Wednesday, October 7

Greater Buffalo Niagara Regional Transportation Council (GBNRTC – PCC) - 9:30AM. Join [Zoom](#) Meeting: Meeting ID: 851 7712 6989, Passcode: 831869. Or By Phone: +1 (929) 205 6099.

"Racial Justice and Inclusion in Planning"-6 pm - 7:30 pm. Link and info [here](#).

Golf Course Sustainable Management Strategy Webinar- 1:00 pm – 3:00 pm. Join Buffalo Niagara Waterkeeper & River Oaks Golf Club to learn about sustainable management strategies, resources, and results. This webinar will discuss specific sustainability techniques used throughout River Oaks Golf Club on Grand Island N.Y. These efforts are designed to improve water quality, flooding, and erosion while maintaining course appearance and playability. [WEBINAR REGISTRATION](#)

Rebuilding Baltimore: More Than a House-7pm. Shelly Halstead is the founder of Black Women Build - Baltimore, a homeownership and wealth-building initiative that trains black women in carpentry, electrical, and plumbing by restoring vacant and deteriorated houses in West Baltimore. Black Women Build-Baltimore offers its holistic training program to capable women who are ready for change, and would not otherwise have the opportunity. bit.ly/YM-Fall2020

An Ecological Approach to Wildlife Stewardship: Threats to Wildlife-6 to 7:30pm. Hosted by the Cary Institute of Ecosystem Studies and Dutchess Land Conservancy. This session will cover threats to wildlife, managing invasive plants and controlling deer overpopulation through hunting. Register [HERE](#).

Forest Health Webinar: *Ailanthus* Biocontrol-1 to 2pm. Join the Southern Regional Extension Forestry's webinar as Dr. Matt Kasson, Assistant Professor, Plant Pathology, WVU, discusses the potential of *Verticillium nonalfalfae* as a biological control agent for Tree of Heaven. Join [HERE](#).

Election 2020 and Your Health Care: What to Know Before You Vote- 6:00 to 7:15 p.m. Experts from across New York State will help us understand what's at stake for health care policy at both federal and state levels. The program is a collaboration of the Health Foundation for Western and Central New York, the League of Women Voters of Buffalo/Niagara, and Buffalo Toronto Public Media. To register, if you haven't already, visit the Health Foundation's website at <https://hfwcnny.org/events/>. We also encourage you to submit questions for the Q&A in advance via email to info@hfwcnny.org.

Thursday, October 8

How LEEDv4.1 Addresses Climate Change- 1–2:30 p.m. This discussion will review the broad areas where buildings have an impact on GHG emissions and climate change. It will also look at the important steps, technologies and strategies to reach zero carbon, and review how LEED v4.1 addresses each of these areas. Lastly, it will review the various definitions and recently developed rating systems to certify Net Zero Energy and Carbon. [Register](#)

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

Equity by Design: How UDL Provides Equal Opportunities to Learn-7pm ET, Audience: All grades/science, Info at <https://www.wgbh.org/foundation/education>

Buffalo Central Terminal Virtual Public Meeting-6 PM. This session's goal will be to define the essential relationships between the Buffalo Central Terminal, Broadway-Fillmore, and the surrounding communities to develop a shared vision for the Buffalo Central Terminal's future. Anyone can participate by phone or online via Zoom. For more details and to access the links please visit: www.buffaloterminalplan.org.

Steering Societies Beyond GDP to the SDGs- 1:15 to 2:15pm. First of 2 webinars (second on Oct. 22) by Security and Sustainability Forum. [Register Here For: October 8 - Vicki Robin](#)

Friday, October 9

Creating Connections: Volunteers and Professionals Part 2 (webinar) - 9 a.m. Join NYC ReLeaf for a 2-part webinar series on "Creating Connections: Volunteers and Professionals". [Registration in advance is required; register for Part 2 online.](#)

NAISMA's Certified Weed Free Forage, Gravel and Mulch Program Workshop-11am to 3pm. he [NAISMA Certified Weed-Free Products program](#) is the only program in North America that provides land managers with assurance that noxious weeds will not be spread through the movement of forage, hay, mulch or gravel brought in to the property. Register [HERE](#).

Saturday, October 10

Birding 101: Class 2 -9am. Learn about the raptors that live at Reinstein Woods and how to identify them. Bring binoculars. Reinstein Woods Nature Preserve, Depew. Registration required, call 716-683-5959 to register.

A Dose of Nature: Woods Walk-10 to 11:30 at Buckhorn Island State Park. Escape the stress of everyday life and reconnect with nature. Join us for a walk through the woods and along the Niagara River. Call (716) 282-5154 to register for program.

My Favorite Trees-10am to noon at [Evangola State Park](#). With majestic trunks gnarled by age and branches sculpted by wind, come along as we share the view of some of my favorite trees! Call (716) 549-1050 to register for program.

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

Buffalo Bonsai Society Meeting- 1 p.m. in STEM Building Room 102 on the Erie Community College North Campus, Youngs Road Williamsville. The meeting will include a presentation by John Wiessinger. Membership applications and more information about the Bonsai Society are available on its [website](#).

Bird Count with Buffalo Ornithological Society-BOS members are encouraged to participate. Please help us add to the decades of records that the BOS has collected reflecting population dynamics of the area birdlife. You can be part of a field team or simply count birds at your backyard feeder. All observations are important! If you don't know what section you live in, please contact Marcie Jacklin who will put you into contact with the correct section compiler. Compiler: Marcie Jacklin (mjacklin@brocku.ca or 905-871-2577).

Sunday, October 11

Fall Foliage Walk along the Gorge -10am to noon at [Devil's Hole State Park](#). Let the beauty of the fall season captivate your senses! Join a park naturalist for a walk along the Niagara Gorge rim trail and enjoy the sights and sounds nature shares with us! Call (716) 282-5154 to register for program.

Sunday Morning Erie County Park Hikes-9am. The Ranger led Sunday Hikes are an opportunity for you to get out and explore the extensive trail networks available in many of our parks. Each week a Ranger will lead a 2-3 hour exploration with the intent of getting off the main trails and exploring some new trails. During these hikes you can expect to get out and moving, to learn some new trails & hiking safety tips, and although these aren't intended to be a traditional nature hike, the Rangers can't stop talking about the natural world, communities, species, and features they come across. ****Masks are mandatory and attendance is limited to 25 hikers per hike**** For location, [Register For A Hike](#).

Monday, October 12

Monday Meander-10am to noon at [Evangola State Park](#). Take a walk along the Lake Erie shore to enjoy fall foliage and other autumnal changes. Call (716) 549-1050 to register for program.

Eco Justice Team Meeting with PUSH-5:00 PM – 6:30 PM. For more information on this week's Eco Justice team meeting checkout the PUSH Buffalo Facebook page. Join Zoom Meeting <https://pushbuffalo.zoom.us/j/97960763097>, Meeting ID: 979 6076 3097, Passcode: 173863.

Tuesday, October 13

Virtual Educator Workshop: STEM in the Schoolyard for K–5 -4:30 to 6pm. Educators of students in grades K–5 are invited to explore STEM activities designed to be led in any schoolyard. Register online at www.reinsteinwoods.org.

Garden volunteers for Buffalo Niagara Heritage Village-9:30am to noon, weather permitting. Work with Master Gardeners in the gardens at [Buffalo Niagara Heritage Village](#), 3755 Tonawanda Creek Rd., Amherst. All levels of skills are welcome. Please contact Rosalind Rivers at rdrivers123@roadrunner.com.

How's My Waterway: A Tool for Exploring Your Water Quality-1:00 - 2:30 PM, EDT. Register [here](#)
An updated version of [How's My Waterway](#) (HMW) was released publicly in June 2020. HMW provides a comprehensive overview of water quality data and information in the United States on three different scales: community, state and national. HMW pulls in data from eight databases across EPA through web services with the goal of answering questions about aquatic life, eating fish, swimming, drinking water, restoration and protection.

The Anatomy of Sustainability + Resilience-2 PM EDT The building envelope has become more complex. Owners request shorter schedules, reduced cost, and longer building lifespans. Advanced concrete framing technology using insulated concrete forms (ICFs) is a solution to these challenges. [Register](#) and receive recording if can't attend

Sustainable Innovation in the Textile Industry-1 to 2pm. As global apparel consumption continues to rise—an expected increase of 60% by 2030—that growth could have a dangerous impact on the environment. Currently, 87% of textiles are landfilled or incinerated and 10% of GHG emissions come from fashion industry. As Earth's resources become more and more constrained, the global fashion industry is looking toward innovative materials and strategies to reduce its environmental impact and carbon footprint. But bringing consumers and others in the apparel industry value chain along on the sustainability journey can be a challenge. [Register](#).

"Your Buggy Neighbors--the Insects that Share Your Yard with You Every Day."-7:30pm. Speaker Jack Kowiak has given presentations throughout WNY and Rochester on plants, gardens, and the insects that inhabit them. Mr. Kowiak was originally scheduled for our May 2020 meeting, which was cancelled due to the coronavirus crisis. He will present his program virtually via Zoom. Join Zoom Meeting [link](#). Meeting ID: 846 2958 1773, Passcode: 205619.

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

Wednesday, October 14

How State Governments Can Help Communities Invest in Climate Resilience-1:15 to 2:45pm. Register if you can't make it and get recording link. [Register](#).

Discovering Clean Energy Careers-1 - 2 p.m. The transition to a clean energy economy is changing the way we do our jobs - and creating new ones. Meet people in a variety of careers who are making our buildings and communities more efficient and sustainable. [Link](#).

Architectural Survival in an Extreme Environment-7pm. This presentation explores the history of architecture in Antarctica as well as how biophilic design is found within structures where nature is often viewed as a negative, dangerous quality to be kept out. Biophilic design was established through observation of experiences that connect users to the natural environment for the benefit of their wellbeing. [Learn more](#).

Food Justice is Racial Justice: National Farm to School Network Movement Meeting -1 to 3pm.

Join [National Farm to School Network](#) for a virtual Movement Meeting featuring food justice activist Karen Washington, for deep conversation and action-oriented reflection on racial justice in the farm to school movement and wider food system. You'll connect with fellow farm to school and food justice advocates from across the country, dig into conversations about what it means to shift power, and help shape the next steps of progress towards a vision of a just food system for all. Everyone is welcome and encouraged to attend this free event; no prior knowledge of farm to school needed. [Register here.](#)

Introduction to Fermentation-5:30-7:00 p.m. Participants will learn the basics of fermentation for home food preservation and prepare foods to ferment at home. This workshop will be led by a trained Master Food Preserver and will be a combination of a presentation and hands-on group learning experiences. All course materials are included in the workshop fee of \$20. [View Registration details.](#)

Devonian: The Age of Fish-7 pm EST, As part of Earth Science Week, join [PaleoJoe Kchodl](#) for a special virtual presentation as he describes some of the many fish that once swam the ancient Devonian Seas. PaleoJoe will talk about the implacable placoderms, the armor plated fish that were dominant in the Devonian. He will also show examples from his collection of armor plates, the ostoderms that once covered the head and trunk of these unique creatures. PaleoJoe goes fishing with a hammer and chisel. [Register Here](#) and you will receive a Zoom link for the talk by 10/13. If you don't see the email, please check your spam folder. Got a question for PaleoJoe? Email it before 5 pm on 10/14 to phil@penndixie.org.

Capturing the Spirit of Birds-7:00 Zoom Meeting. The link and login credentials will be added when available at <https://www.buffaloonithologicalsociety.org/>. Join in to hear Marie Read speak on "Capturing the Spirit of Birds, a mix of bird behavior and photo how-to. What does it take to create photographs that reveal the essential spirit of birds? For wildlife photographer Marie Read it means understanding and then capturing their behavior, and in this presentation she'll show you how it's done. Sharing the backstories to her compelling images of birds, many of which appear in her latest book Mastering Bird Photography: the Art, Craft and Technique of Photographing Birds and their Behavior, whether you're a bird watcher or an experienced photographer, Marie's tips will help you improve your own images. You'll learn that being observant, understanding birds' body language and taking your time contribute far more to getting great bird shots than having the newest camera and the biggest lens.

Thursday, October 15

Evening Migration Walk-5:30pm. As the sun sets, discover which animals are migrating and how those that stay are preparing for winter. Reinstein Woods Nature Preserve, Depew. Registration required, call 716-683-5959 to register.

"What to do With Those Dahlias" -Noon with Master Gardeners. Learn when to dig dahlias up, how to overwinter your dahlias and how to divide them. Get your dahlia questions answered. [Register here.](#)

Dormant Season Identification and Prevention of Invasive Species-2 to 3pm. Stopping the spread and reporting the presence of invasive species doesn't stop as the weather gets colder. Join Emily Thiel, WNY PRISM's Education and Outreach Program Manager to learn about the invasive species we can identify all year long, including the recent WNY invader, the hemlock woolly adelgid. We will also learn how humans contribute to the spread of these invasive species and what we can do to stop it. Join [HERE](#).

Best Practices for Reducing Near-Road Air Pollution Exposure at Schools-10am. Learn about strategies that can be implemented at schools to reduce indoor and outdoor exposures to air pollution emitted by traffic. We'll share the latest ideas, from upgrading your filtration system to installing vegetation barriers, and describe the advantages and drawbacks of different strategies. [Save your seat by registering now.](#)

Food Waste Reduction, Recovery & Composting on Your Campus-1 to 4pm. [Register.](#)

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

Friday, October 16

Urban Renewal and School Reform in Baltimore-Book Launch and Lecture, 5 pm - 6:30 pm

http://ap.buffalo.edu/events/2020/Fall2020_publicprograms.html

Birds of Prey- 2:30-4:00 at the Buffalo Zoo. *All ages, families, adults – children 6 and under must have an adult registered as well. \$20/person.* Explore the wonders of our fearsome predators of the sky in this exciting workshop. We will learn the adaptations that make birds of prey great hunters, how you can tell what an owl has been snacking on, and even meet our Bird of Prey Zookeeper along with some of our ambassador birds.

Please Call 716-995-6128 to register. [REGISTER ONLINE](#)

2020 LEAF Zoom: Making Meat Jerky-11:00 AM - 12:00 PM. Learn how to safely make your own jerky in an oven or food dehydrator. This class will include the three methods of making a safe jerky, options for marinating, plus testing for doneness. lpc33@cornell.edu, [716-664-9502 ext. 209](tel:716-664-9502)

Saturday, October 17

Volunteers for North Tonawanda Botanical Garden-1825 Sweeney St., North Tonawanda. Meet at the gazebo. Session will be from 9 a.m. to noon. Ongoing projects are weeding, mulching and set up of raised beds in the fenced-in perennial bed area. There are 11 acres to keep social distance. Any level of gardening experience is welcome.

Have a Spooktacular Time at the BOOtanical Gardens!-10am-4pm. Join us for the most spooktacular, indoor family event of the year! Our conservatory will undergo a creepy Halloween makeover including a pumpkin patch and a greenhouse haunted by ghosts of Botanical Gardens past. We encourage adults and children to wear costumes for this scary occasion! [Pre-purchased timed E-tickets](#) are highly recommended. Choose your time slot by clicking "Other times."

Honey Harvesting-1 to 3pm. Pelion Community Garden at City Honors School. [Link](#).

Fall Cleanup at Penn Dixie-10 am to 12 pm. Don't worry, we're not raking leaves! But, we are getting together — in a socially distant way — to tidy up Penn Dixie. Volunteer for a short shift and you'll be helping to get the park ready for winter. We'll provide snacks and hot beverages to the crew. Plus, you can stick around and dig for fossils afterwards. Email **Dr. Phil Stokes at phil@penndixie.org** to register. There is no admission charge for volunteers. Please note that face coverings are required in some high-traffic areas of the park.

Nature Exploration at Drave's Arboretum- 10am to noon. Join us for an exploration of all things nature and wildlife with Naturalist Mark Carra! Our morning will start in the Richard's Complex with a presentation by Curator Tom Draves. Then we will head outside to explore: while the Arboretum is primarily an educational institution of planted woody species, it is also a biodiverse habitat for wildlife. Walk with Mark and learn about ecological succession, the mycorrhizal web, symbiotic relationships in nature, and more! This walk will include inclines and uneven terrain; come prepared with proper footwear, and a walking stick, if needed. Please bring a mask for the indoor presentation and practice social distancing on the walk. \$22 for members, \$25 non-members. Attendees may stay after the program and explore the Arboretum for the remainder of the day. <https://www.facebook.com/events/2732699320311020>

Sunday, October 18

Have a Spooktacular Time at the BOOtanical Gardens!-10am-4pm. Join us for the most spooktacular, indoor family event of the year! Our conservatory will undergo a creepy Halloween makeover including a pumpkin patch and a greenhouse haunted by ghosts of Botanical Gardens past. We highly encourage adults and children to wear costumes for this scary occasion! [Pre-purchased timed E-tickets](#) are highly recommended due to capacity limitations and walk-ins may be turned away if capacity is surpassed. Please choose your time slot by clicking "Other times."

Buffalo Ornithological Field Trip: Batavia Waste Water Treatment Plant- ([map](#)), Leader: Doug Beattie (585) 356-3007 or sbeattie@rochester.rr.com. Meet at the operations center at 9 AM. The facility is located at the end of Industrial Blvd, which is off Pearl St. (Rte 33) at the western edge of the city of Batavia. Doug Beattie will again lead our group through the famous wastewater treatment plant. This complex is a bonafide birding hotspot and has attracted such gems as Northern Wheatear, Harlequin Duck, Piping Plover and Eared Grebe. In fact, BWWTP is the only reliable location for Eared Grebe in Western and Central NY. This phenomenon has been running for close to a decade now and we hope it continues for this year.

Sunday Morning Erie County Park Hikes-9am. The Ranger led Sunday Hikes are an opportunity for you to get out and explore the extensive trail networks available in many of our parks. Each week a Ranger will lead a 2-3 hour exploration with the intent of getting off the main trails and exploring some new trails. During these hikes you can expect to get out and moving, to learn some new trails & hiking safety tips, and although these aren't intended to be a traditional nature hike, the Rangers can't stop talking about the natural world, communities, species, and features they come across. ****Masks are mandatory and attendance is limited to 25 hikers per hike**** For location, [Register For A Hike](#).

Monday, October 19

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

Tuesday, October 20

Garden volunteers for Buffalo Niagara Heritage Village-9:30am to noon, weather permitting. Work with Master Gardeners in the gardens at [Buffalo Niagara Heritage Village](#), 3755 Tonawanda Creek Rd., Amherst. All levels of skills are welcome. Please contact Rosalind Rivers at rdrivers123@roadrunner.com.

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

Wednesday, October 21

Wednesday Woods Walk-10am to noon at Beaver Island State Park. Join us for a hike along the East River trail to see the new wetland restoration projects that enhance vital wetland communities along the Niagara River. *Call (716) 540-1050 to register for program.*

Western New York Rose Society- 7 p.m. at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Dr., Buffalo. A panel will discuss winterizing your garden.

DesignBuildBLUFF- 7pm. Webinar about a graduate architecture program at the University of Utah focused on immersing students in hands-on cross-cultural experiences. We work in partnership with the Rural and Native communities of San Juan County in the Utah Four Corners. There is an overwhelming need for affordable and culturally appropriate housing within the Navajo Nation. [Learn more](#).

Greening Your Employees' Commute- WNY Sustainable Business Roundtable Program. 10:00 am - 11:15 am Free for members or \$25. Join us for a workshop covering different ways to incentivize employees to take other forms of transportation, and what considerations unique to WNY must be taken into account. Pre registration is required. Register [HERE!](#)

Bethune Lecture: UB Architecture-6 pm to 7:30 pm. (*virtual lecture, [Zoom details](#)*). Architect and educator Jennifer Newsom presents this year's Bethune Lecture as she considers racial constructs in the built environment as openings for critical public engagement in design. Newsom is assistant professor of architecture with the University of Minnesota and co-founder of Dream The Combine, which creates art and architecture as sites of interaction.

EPA Tools and Resources Webinar: Lead Action Plan Research Update-3-4pm. [Register.](#)

Thursday, October 22

Citizens for Regional Transit Next Public Meeting-CRT Quarterly Meeting for October: The Post COVID-19 Future of Transit. FREE AND OPEN TO THE PUBLIC.

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

Halloween Mini-Garden Online Workshop-6:30-7:30. Create a fun and spooky succulent garden just in time for Halloween. Containers, soil, plants and décor are included and will be available for curbside pick-up from 4:30-5:30 the day of the class at the Botanical Gardens. [Register.](#)

Steering Societies Beyond GDP to the SDGs- 1:15 to 2:15pm. Second of 2 webinars (first on Oct. 8) by Security and Sustainability Forum. [Register Here For: October 22 - Claudine Schneider](#)

Three Sisters Potluck & Corn Grinding Demonstration- 5-6:30pm. [Link.](#) Pelion Community Garden, Best St.

Saturday, October 24

Outdoor Skills-10am. In this program, you will build an emergency shelter from natural materials and practice fire-building techniques. Reinstein Woods Nature Preserve, Depew. Registration required, call 716-683-5959 to register.

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

Potato Harvest-10am to noon at Pelion Garden. [Link.](#)

Daredevils of Niagara Falls!-10am to noon at [Niagara Falls State Park.](#) Come take a stroll with us on Goat Island. Hear stories about Annie Edson Taylor and other Daredevils of the Falls on Annie's birthday, the anniversary of the day she chose to challenge the Falls! *Call (716) 282-5154 to register for program.*

Fun Facts with Kelly: Fall Foliage Edition-2 to 3:30pm at [Artpark State Park.](#) Autumn demonstrates how beautiful change can be. Stroll through the gorge to take in the show that is the changing seasons. *Call (716) 282-5154 to register for program.*

Sunday, October 25

A Dose of Nature: Autumn Woods Walk-10am to noon at [Wilson Tuscarora State Park.](#) Escape the stress of everyday life and reconnect with nature. Join us for walk through the woods and breathe in the crisp autumn air. *Call (716) 282-5154 to register for program.*

Sunday Morning Erie County Park Hikes-9am. The Ranger led Sunday Hikes are an opportunity for you to get out and explore the extensive trail networks available in many of our parks. Each week a Ranger will lead a 2-3 hour exploration with the intent of getting off the main trails and exploring some new trails ****Masks are mandatory and attendance is limited to 25 hikers per hike**** For location, [Register For A Hike.](#)

Tuesday, October 27

Garden volunteers for Buffalo Niagara Heritage Village-9:30am to noon, weather permitting. Work with Master Gardeners in the gardens at [Buffalo Niagara Heritage Village](#), 3755 Tonawanda Creek Rd., Amherst. All levels of skills are welcome. Please contact Rosalind Rivers at rdrivers123@roadrunner.com.

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

Wednesday, October 28

“A Witch’s Garden” -Noon with Master Gardeners. Witches were once considered wise women and healers. They used plants they grew or found in their environment to cure ills as well as cast spells. Explore the folklore and plants of the witch. [Register here.](#)

Amherst Garden Club- 10 a.m. at St. John Lutheran Church, 6540 Main St., Williamsville. “Legends, Lore and the Use of Herbs” will be presented by Peggy Nash, Cornell certified Niagara County Master Gardener.

Container Deposit Laws Taking their Effectiveness to the Next Level through Global Best Practices- 2 pm eastern - [Register here](#)

Thursday, October 29

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

Saturday, October 31

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

Enchanted Trick or Treat Hike at Beaver Meadow- 10:30am - 3pm. Beaver Meadow Audubon Center - outdoors (rain or shine). Cost: Pre-registration with payment is necessary to reserve a specific time slot. The cost is \$75 for a group of up to 10 people. Please Note: We are trying very hard to keep the groups small and amongst people who know each other and feel comfortable on the hike together. Because of COVID-19, we will not be putting small groups who do not know each other together. The cost is for up to 10 people (adults and children) to participate. You are allowed to bring less people, but the cost will remain the same. So call your family and friends that are part of your existing circle! This special event is a daytime visit with nocturnal creatures that call Beaver Meadow their home (played by costumed interpreters). This family-friendly program is a unique way to celebrate Halloween with your young ones that you’ll remember for a lifetime. Participants will purchase a slot of time for up to 10 people to depart our front parking lot from. Groups will be led by one of our masked volunteers every 10 minutes along our Enchanted trail where they will meet some of the nocturnal characters from Enchanted Forest (yes we are waking them up!) as well as some live animals with our friends from Messinger Woods! At each station, everyone will receive a treat and learn a little bit about the life of each animal. If you've attended Enchanted Forest in the past, it will not be the same. Each animal will host an informal meet and greet and interact with the guests rather than give a full performance. Once visitors have completed the trail, they can depart in their cars or visit the Nature Center to visit the restrooms and gift shop. Call 585-457-3228.

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

Sunday, November 1

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

Tips for the Environment:

Get Ready to Vote and Get other Voters out- Make your plans to vote in the upcoming election. If you do not want to vote in person, you can request an absentee ballot by completing the application at <https://elections.erie.gov/AbsenteeInfo> by October 27. It is recommended that you complete it and mail it back as soon as possible to avoid delays. The deadline to [register to vote](#) is October 9, so don't delay. Early voting will take place from October 24-November 1 and you can find polling stations at <https://elections.erie.gov/Early-Voting>. If you want to help at the polls, apply to be a poll worker at <https://elections.erie.gov/ElectionWorker>. Election info is updated at <https://www.vote411.org/>.

Conduct a home waste audit <https://earth911.com/home-garden/conducting-home-waste-audit-part-1/>

Fall Into Good Recycling Habits- Keep single-use cups, lids, and straws out of recycling bins unless they are listed as accepted in [your recycling program](#)- many recyclers do not accept these items. Skip a lid, straw or stirrer by letting your server know if you don't need these items. You can sustainably use fallen leaves a number of ways: add nutrients to your lawn by mulching the fallen leaves into the grass with a lawn mower, or you can collect them for your home compost pile. If at-home use isn't an option, check with your municipality about pickup and collection of leaves. Avoid using plastic bags for leaves. <https://www.dec.ny.gov/chemical/116113.html>

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

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

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](#)!

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

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

Additional calendars with local events-

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

Re-Energize Buffalo Blog- <http://renewnrg.blogspot.com/>

<http://buffalorising.com>

<http://rochesterenvironment.com/calendar.htm>

<https://boredommd.com/>

Wildlife Rehabilitator Search- https://www.dec.ny.gov/cfm/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.buffaloudubon.org
www.buffalogardens.com
www.buffscience.org
www.tifft.org
www.buffalozoo.org
www.penndixie.org
www.yourspca.org

Education Resources

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

Grant Opportunities/Tools

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

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

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

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>

Local Businesses with Classes and Workshops

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

Local Tourism promoting Sustainability

Buffalo Bites Food Tours- <http://www.buffalobitesfoodtours.com/>

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

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

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

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

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

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

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

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

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

Building materials- www.buffaloreuse.org

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

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

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

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

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

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

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

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

Construction Materials- Buffalo ReUse, Habitat for Humanity Restore

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

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

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

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

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

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

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

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

Furniture-Goodwill, Salvation Army, Amvets and other charities

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

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

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

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

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

Ink cartridges-RecyclePlace.com and most manufacturers

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

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

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

Packaging Materials (bubble wrap, peanuts)-UPS Store

Pharmaceuticals-dropoff sites at [map](#)

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

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

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

Recycling A to Z - realsimple

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

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

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

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

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

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

Water filters-Brita partners with preserveproducts.com/recycling

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

Eco-volunteering with Travel:

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

<http://www.globalteer.org>

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

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

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

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

Education Courses or Certificates:

Energy University Website with Schneider Electric- [Courses](#) are free

Green Classroom Professional Certificate- Online courses, info [here](#)

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

Coursera- www.coursera.org

On Demand Webinars:

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

[Plan-It GEO](#)

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

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

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

Miscellaneous tools including videos and websites:

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

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

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

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

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

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

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

[Archived EPA Climate Change Info.](#)

www.epa.gov/climate-indicators.

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

[Tool for Sourcing Local Meat](#)

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

[iMATTER Youth Movement to Spark Change](#)

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

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

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

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

[2018 Fuel Economy Guide](#)

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

[NOAA National Marine Sanctuary Webinar series](#)

[NOAA One Science Seminar Series](#)

[Green Restaurant sustainability tool](#)

[Mapping Climate Change.](#)

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

Adirondack Mountain Club-Niagara Frontier Chapter

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

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

AIA Buffalo Western NY

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

Air and Waste Management Association	https://awmanfs.wildapricot.org/
Allegany Nature Pilgrimage	http://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://buffalofarmentoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/

Buffalo in Bloom	https://www.buffaloinbloom.com/
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	https://buffalo-orienteeing.org/
Buffalo Ornithological Society	https://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
BWell Community	https://www.bwell.community/
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
City Action Corps	www.cityactioncorps.org
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	https://www.cacwny.org/

Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.coalitionpositive.org/
Community Action Organization of Erie County	http://www.caoec.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cooperation Buffalo	https://www.cooperationbuffalo.org/
Cornell Cooperative Extension for Cattaraugus County	http://cattaraugus.cce.cornell.edu/
Cornell Cooperative Extension for Chautauqua County	http://chautauqua.cce.cornell.edu
Cornell Cooperative Extension for Erie County	http://erie.cce.cornell.edu/
Cornell Cooperative Extension for Niagara County	http://cceniagaracounty.org/
Daemen College Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	https://www.facebook.com/d2lsBuffalo/
Drave's Arboretum	https://www.facebook.com/dravesarboretum/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental Advocates NY	www.eany.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	https://esd.ny.gov/erie-canal-harbor-development-corporation-0
Erie County Climate Action & Sustainability	http://www2.erie.gov/environment/sustainability
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/

Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
500 Women Scientists, Buffalo Chapter	https://500womenscientistsbuffalo.wordpress.com/
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/

Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Experience	http://www.thegreatlakesexperience.org
Great Lakes Research Consortium	https://www.esf.edu/glrc/
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	http://gwbuffalo.org/
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
H.O.P.E of WNY	https://www.reptilekeeperllc.com/
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Inland Ocean Coalition-Buffalo Chapter	https://inlandoceancoalition.org/whoweare/chapters/buffalo/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jsbuffalo.com
Lake Erie Watershed Protection Alliance	http://www.erie.gov/lewpa
Leadership Buffalo	https://www.leadershipbuffalo.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/

Local Initiatives Support Corporation	https://www.lisc.org/wny/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylev.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	http://www.nysaccny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	https://parks.ny.gov/
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York Upstate Chapter, Landscape Architects	https://www.nyuasla.org/

New York State Wetlands Forum	http://www.wetlandsforum.org
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	https://sites.google.com/a/niagarafontierbotanicalsociety.org/niagarasociety/home/
Niagara 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://rocbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/EXTRA/enviromentalists.htm
Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	https://www.facebook.com/South-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	http://21stcenturypark.org/
UB Engineers for a Sustainable World	http://www.eswub.com/
UB Environmental Network	https://www.facebook.com/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.uli.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.org/
WASH Project	http://thewashproject.org/
Wellness Institute	https://creatinghealthycommunities.org/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Climate Action	http://www.wnyclimateaction.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.wnyea.org
Western New York Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Food Hub	https://www.edenvalleygrowers.com/wny-foodhub
Western New York Herpetological Society	http://www.wnyherpsociety.org/

Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	https://www.wnyle.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Mountain Bike Association	http://www.wnymba.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnyssc.org/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/
Western New York Service Learning Coalition	http://levesqueinstitute.niagara.edu/programs/wnyslc/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY 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/

