

# Enviro-News

August, 2020

Sponsored by Daemen College's Global & Local Sustainability Program

## Newsletter Contents:

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## Articles:

### Virtual Youth Environmental Summit

Audubon, in partnership with the American Conservation Coalition Campus, is hosting the [Youth Environmental Summit 2020](#) on August 1–2, 2020. You are invited to tune into the event's advocacy sessions (2:00–2:45 pm ET on 8/1 & 8/2), keynote address (3:00–3:45 pm ET on 8/1), and young climate activists panel (3:00–3:45 pm ET on 8/2) broadcast on our [Facebook page](#). These events will bring together a wide array of nonpartisan speakers and prove environmental protection is a unifying cause that breaks through political barriers and party lines. You can tune in to the public livestream sessions with the help of [this social toolkit](#).

### Threats to Ecological Communities

WNY Youth Climate Action is hosting a **Wednesday August 5<sup>th</sup>** virtual event on “Threats to Ecological Communities” presented by David Reilly and Nicole Gerber at 5:30pm. The presenters are co-founders of Citizen Coalition for Wildlife and the Environment. Prior to the online workshop, complete this [scavenger hunt](#). [This link](#) will bring you to the Facebook Live page for the workshop. This workshop will explore why this is important and what steps we can take to reduce these threats in our local environments. We will discuss how animals and habitats are affected by our behavior, and how we can use science to make a positive difference in the world for all living creatures. Please see their [website](#) for other upcoming workshops.

### Penn Dixie Fossil Fridays and Dig with the Experts

Join Penn Dixie for **\$7 admission** on **special Fossil Fridays** this summer! Dig, explore, and learn about our natural history at our 54-acre fossil park and nature reserve. Fossil Friday dates are **August 7, 14, 21, & 28**. Reservations required. [Click here](#) for full info & safety measures. To reserve your discount admission rate, [follow this link](#) and select tickets on one of the Fossil Friday dates. Tool rental is available. Please bring a bucket, bag, or box for your fossils. Penn Dixie members attend for FREE. Dig with the Experts on **August 29 and 30** is a very popular, once yearly opportunity to unearth the best, most complete, and most unexpected fossils at Penn Dixie. They'll have equipment do the heavy lifting and scientific experts on site to help with locating and identifying the best fossils. You'll have to do your share of splitting and digging, of course, but you're guaranteed to find something cool and interesting. Full info & tickets: <https://penndixie.org/dig-with-the-experts/>.

### City of Buffalo Seeks Input on “Middle Main”

The City of Buffalo is proposing a 21st century solution for "Middle Main," the section of Main Street between Goodell to Ferry. There is a survey out now that asks for your feedback on this design. **The [survey](#) takes 5-10 minutes and closes on Friday, August 28** - get your voice heard.

## NY Statewide Green Drinks

Join fellow environmentalists from around the state for a casual meet up and initial conversation on issues that affect us all. The meet up is **Tuesday, August 11** from 5:30-7pm. Please share the [Zoom connection](#) info with your Green Drinks. There will be some breakout discussions and this may be the start of an ongoing conversation.

### 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. Our Solo Sweep options for individuals and families include a list of shoreline sites that could use some cleaning up, and a [data collection tool](#) on Waterkeeper's website to log the amount of trash you picked up and where. 2. The second option for Solo Sweep allows for individuals and families to pick up supplies (trash bags and nitrile gloves) from Waterkeeper staff a different location in our watershed each week, and to also log their cleanup efforts on the website. Sign up to grab supplies [here](#). 3. The third option will be for individuals and small groups to register and bring their own boat for on-water cleanups led by Waterkeeper staff. Register [here](#). 4. The fourth pathway for the [Summer Sweep](#) is for companies and larger groups to get involved for a fee, with spread out participation over the summer to allow for social distancing, managed by Waterkeeper staff. We encourage you to your social media to promote the Summer Sweep! Follow our social media platforms (@bnwaterkeeper) if you don't already, and the link to the Summer Sweep suite of webpages is: [www.bnwaterkeeper.org/summer-sweep](http://www.bnwaterkeeper.org/summer-sweep).

### SPCA Kindness Camp: Live, Virtual Veterinary Experience

**KINDNESS CAMP:** The Live, Virtual Veterinary Experience hosted by the Erie County SPCA will be a two-part veterinary camp series for kids who love animals and are interested in exploring a career as a veterinarian! If campers attended last year's Vet Camp, they can skip ahead to *Advanced Veterinary Science Camp*. If campers are new to vet camps, they can start with *Introduction to Veterinary Science Camp* (**August 10-14**, \$120, ages 9-14) and then decide whether to move ahead to *Advanced Veterinary Science Camp* (**August 17-21**, \$120, ages 9-14)! Campers will learn what it takes to be a veterinarian through a combination of live virtual content and fun activities. They will learn how to check a pet's vital signs, discover what heartworms are, watch an animal exam, observe a neuter surgery, and so much more. Campers will need access to a device that connects to the Internet and has Zoom conference visual and audio capabilities. Two-hour live Zoom sessions will begin at approximately 9 a.m. each day of camp. Take-home materials will be available via curbside pickup, or can be delivered within Erie County at an additional cost. Materials can also be shipped. [REGISTER NOW!](#)

### 2020 Erie County Household Hazardous Waste Collections and Dropoff Vouchers

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

### 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. Previously the customer’s cost-share ranged from \$100 to \$500 per building based on the number of FTEs. 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](mailto:info@NYEnergyStudy.com).

## **2020 WNY Sustainable Business Summit**

The annual summit has been rescheduled as a virtual event on **September 22 and 23**. Registration and program info is [available](#). The event is a great opportunity to engage with national sustainability leaders, and get inspired.

## **Paws in the Parks**

Paws in the Park is the SPCA Serving Erie County's largest event and helps to fund all the lifesaving work that happens at the SPCA. Unfortunately, this year we will not be able to gather together. However, the funds raised through Paws in the Park are critical to continuing our work throughout the community. Therefore we have turned Paws in the Park into a virtual 2-mile walk that you can complete in a place and time most convenient for you and your pup(s)! You can walk around your neighborhood, park, or trails - wherever - just get your miles in! Register by August 23, to receive a special swag bag with an awesome t-shirt and bandana! Then complete your 2-mile walk anywhere or anytime between **August 26 – September 26!** [Register here.](#)

## **Taste of the Southtowns to Benefit Gooseneck Hill Waterfowl Farm**

Taste of the Southtowns has been rescheduled to **September 27** from 12:00-5 pm INSIDE St. Aloysius Hall, 190 Franklin St., Springville. Proceeds benefit Gooseneck Hill Waterfowl Sanctuary, a 501c3 organization, the 2 largest covered aviaries in the US with over 78 different species and 700 endangered and protected ducks, geese and swans. You will be able to taste the food from 7 Restaurants and they will be serving 45 different food items. Food Items from \$2.00 to \$5.00. Dining tables are available while you can enjoy wonderful Country Music by: “The Rustic Ramblers” with Gene Hilts on steel guitar. the best country band in the area. Get a Massage by Eric Davis for \$1/minute. Free Admission with \$10 purchase of Chinese auction or food tickets. For info call 716-942-6835, [rosebird@frontiernet.net](mailto:rosebird@frontiernet.net), [www.gooseneckhillwaterfowlfarm.com](http://www.gooseneckhillwaterfowlfarm.com).

## **Sunnking Electronics Recycling**

Sunnking will hold a collection event on **September 19** from 8:30am to noon in West Seneca. Residents can pre-register at [Sunnking.com/Events](http://Sunnking.com/Events) and find a full list of recyclable devices. New York-based electronics recycler, [Sunnking](http://Sunnking), is preparing for record crowds during its first electronics recycling collection events since the pandemic began.

## Wild Photo Day at Hawk Creek

Increase your shutter speed and prepare for a once in a lifetime opportunity to capture animals in action, in their natural settings! Professional, amateur, and recreational photographers are invited to bring their cameras and venture into the wild during Hawk Creek Wildlife Center's Wild Photo Day on **Saturday, September 12th, 2020** from 1-4 pm. Join Hawk Creek's wildlife experts as they provide a unique opportunity to photograph many of their popular, rare, and endangered animals up-close, in natural settings, and without barriers. Trying to get a shot of the Turkey Vulture in flight? Looking for that perfect bald eagle shot? Having trouble with your lighting when shooting at night? On Wild Photo Day the eagles, owls, falcons, wild cats, and more await you! A photographer ticket will admit one guest with a camera, non-shooting participant tickets will admit one guest without a camera. Participants with non-shooting ticket & badge will not be permitted to bring in cameras or use cell phone cameras. [Pre-registration](#) is required as space is limited. 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.

## 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 begins July 24, and it will run until October 15<sup>th</sup> or until we have winners in all three categories, so it's time to get out there and explore!

## Town Hall on Black Lives Matter, Covid and Climate Change

Last month's panel discussion Black Lives Matter, Covid and Climate Change with Crystal Peoples-Stokes, Tim Kennedy, and Dennis Elsenbeck was recorded. [You can find the town hall recording on NY Renews' Facebook page here.](#)

## Knotweed Biocontrol Release in NYS

On June 10<sup>th</sup>, 2020, the Knotweed psyllid (*Aphalara itadori*) was released in two counties in NYS as a biological control for invasive knotweeds (*Reynoutria japonica*, *Reynoutria sachalinensis*, and their hybrid *Reynoutria X bohemica*). This sap-sucking insect from the knotweed's native range was approved for release in March after extensive safety testing and federal review. [Read the full press release here.](#)

## If You Received Unsolicited Seeds: Report to USDA

New Yorkers who receive seeds from a foreign source that they did not order, should not plant them. Please mail the sealed package of seeds, the original packaging, the residents' contact information, and any additional relevant details directly to the USDA at: Office of the State Plant Health Director of New York c/o Christopher Zaloga, 500 New Karner Rd., Albany, NY 12205. The USDA is investigating this situation and has stated that it currently does not have any evidence indicating this is something other than a "brushing scam." Legitimate seeds imported into the United States are rigorously tested to ensure quality and prevent introduction of invasive species, insects and diseases, so people who receive seeds that they did not order, that are mislabeled, or are from a questionable source, should not plant or handle the seeds. Residents can email the USDA at [erich.l.glasgow@usda.gov](mailto:erich.l.glasgow@usda.gov), or alternatively, the State Department of Agriculture at [plants@agriculture.ny.gov](mailto:plants@agriculture.ny.gov)."

## **Double Up Food Bucks at Farmers Markets**

The 2020 Double Up Food Bucks season is officially underway at farmers markets, mobile markets, farm stands, and small retail and grocery sites across New York State! The Double Up market season will run through October 31, 2020 at participating locations. Double Up Food Bucks is a national model for healthy food incentive programs that provides individuals and families who receive SNAP benefits with a \$1-to-\$1 match, up to \$20 per day, that encourages the purchase of healthy, locally grown fruits and vegetables. Double Up piloted in 2014 at 7 market sites and has since grown to include over 100 unique participating sites statewide. The program has expanded to include more sites than ever before in 2020. A complete list of participating sites and their operating hours can be found at <https://doubleupnys.com/locations/>

## **Rust Belt Harvest: Mulberry Madness**

Rust Belt Harvest is an organization that harvests and distributes surplus urban fruit and vegetables in Buffalo, NY. Rust Belt Harvest is kicking off its inaugural season by harvesting mulberry trees located in the City of Buffalo. We're lining up trees and we need your help! Do you have a mulberry tree on your property or know of one we can harvest? [Let us know!](#) We schedule harvests and recruit volunteer pickers to harvest the fruit. One-third of the fruit is donated, one-third is enjoyed by the volunteer harvesters and one-third goes to the homeowner. Interested in volunteering? You can sign up using this [form](#). No experience with fruit trees or harvesting required! The fruits and vegetables that would otherwise go to waste, are distributed to food banks, shelters and soup kitchens in Erie County. If you're interested in volunteering, donating a crop (homeowners and farmers) or supporting Rust Belt Harvest, please email [info@rustbeltharvest.org](mailto:info@rustbeltharvest.org) or visit [www.rustbeltharvest.org](http://www.rustbeltharvest.org).

## **Boat Produces Hydrogen Fuel from Seawater and Solar**

The Energy Observer is a 100% energy self-sufficient boat, sailing around the world to prove the usefulness of cutting-edge technologies, including a hydrogen fuel cell made with help from Toyota. The boat uses power from its solar panels to generate hydrogen. During the day, 200 square meters of solar panels charge up the boat's lithium ion batteries. Any extra energy is stored as hydrogen, thanks to a special fuel cell that goes by the name Rex H2 (short for Range Extender H2) made by Toyota. The fuel cell brings in seawater, removes the salt and then separates the H from the pure H2O with electricity. Here for [more info](#).

## **Buffalo Audubon Nature Activity Kits**

Each week in August, Buffalo Audubon will feature a kit with a different nature theme. For \$25, you can borrow the kit to use at Beaver Meadow Audubon Center. Reservations and pre-payment are required by calling 585-457-3228. Themes in August include: Life Under a Log, Trees, Rewilding Skills or Choose your Own from all of their kits.

## **Dicamba Pesticide Ban**

The NYS DEC is cancelling the registration of three dicamba-based herbicides following a United States Court of Appeals for the [Ninth Circuit decision \(PDF\)](#). All use, including storage of opened containers, is prohibited after July 31, 2020. Dicamba kills annual and perennial broadleaf weeds and is primarily used for weed control for grain crops and turf areas. Drift from spraying has caused damage to trees and neighboring areas. Visit DEC's website for further information about [DEC's Pesticide Program](#).

## **Groundwork Buffalo**

Groundwork Buffalo's Green Team Education, Fruit Belt Restoration Program, funded by a 2019 Community Impact Grant, recruits teens and young adults between the ages of 14-24 to help plant, harvest, upkeep and deliver fresh produce to the residents of the East Side of Buffalo. The Sr. Green Team has been working to build garden beds in the fruit belt growing peppers, tomatoes, cucumbers and squash. Harvested produce will be donated to the fruit belt neighborhood. Go online to learn more about the [Green Team or Groundwork Buffalo](#).

## 2020 I Bird NY Challenges

The 2020 "I BIRD NY" Challenge is designed for beginner and experienced birders. The [I BIRD NY program](#) was launched to build on the State's efforts to increase access to New York's vast natural resources and promote low-cost opportunities to explore the great outdoors and connect with nature. The State's I Bird NY program provides resources for New Yorkers who would like to get outdoors and engage in birding all year long. People from all economic backgrounds and education levels experience the joy of birdwatching. While binoculars can help, you can enjoy birds without any special equipment. Certificates and entry for drawings are given for all who complete the challenge. Check out [I Bird NY Beginner's Challenge Challenge \(PDF\)](#), [I Bird NY Experienced Birder Challenge \(PDF\)](#), [Download a Beginner's Guide to Birding \(PDF\)](#) (also available in Spanish) and complete by September 30.

### **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](#).

### **Doug Tallamy's Designing for Nature Talk**

The Western New York Land Conservancy hosted a live virtual event with renowned author and insect and native plant expert, Doug Tallamy, on May 13th. [Here is the link to the recording of the stream](#). You can watch and share with your friends and colleagues. Doug's message of creating conservation corridors is vital to sustaining life on Earth.

### **DEC Seeks Pool Owners for Citizen Science Survey of Invasive Beetle**

DEC is encouraging New York pool owners to participate in [DEC's annual Asian Longhorned Beetle Swimming Pool Survey](#). This is the time of year when [Asian longhorned beetles \(ALB\)](#) emerge as adults and are most active outside of their host tree. The goal of the survey is to look for and find these exotic, invasive beetles before these pests cause serious damage to our forests and street trees. They have caused the death of hundreds of thousands of trees across the country. DEC is requesting that people with swimming pools periodically check their pool filters for any insects that resemble ALB. No Pool? No Problem! You can still help! Look for the telltale signs of ALB damage on your trees, such as exit holes, accumulation of coarse sawdust, pits in the bark, and oozing sap.

If you suspect an ALB, take a photo and:

- Send an [email](#) with the subject heading "ALB Pool Survey".
- Text an image to (518) 491-7391, and type "ALB Pool Survey" in the body of the text, or mail a printed image to the Forest Health Diagnostic Lab at 108 Game Farm Road, Delmar, NY 12054.
- Save the insect. Freeze the insect in a plastic bag or Tupperware container until you hear back from us.

### **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.

### **Watch The Riverline video!**

Last year, working with influential Buffalo filmmaker John Paget, WNY Land Conservancy created a promotional video for The Riverline. If you haven't watched it yet, here's your chance. Click on the [video](#) and share it with your friends and colleagues.

## **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.

## **‘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."

## **Harmful Algal Blooms: Reporting System Available**

The DEC maintains an online Harmful Algal Blooms (HABs) map and reporting system to inform the public about HABs locations in New York. The public is encouraged to send reports of HABs with photos electronically via a [simple, mobile phone-friendly form](#). After DEC and Department of Health (DOH) evaluate the reports, they are posted to the site at [NYHABS](#). HABs vary in appearance from scattered green dots in the water, to long, linear green streaks, pea soup or spilled green paint, to blue-green or white coloration. People, pets and livestock should avoid contact with water that is discolored or has algal scums on the surface. Most algae blooms are harmless. However, exposure to toxins and other substances from certain HABs can make people and animals sick. For more information about HABs, visit DEC's [Harmful Algal Blooms \(HABs\) webpage](#).

## **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](#).

## **DEC Exams Rescheduled for Falconry, Wildlife Rehabilitator, and Leashed Tracking Dog Licenses**

DEC examinations for individuals seeking a license to practice the sport of falconry, become a volunteer wildlife rehabilitator, or use leashed tracking dogs to find wounded or injured big game animals have been rescheduled for **Friday, August 14**. The exams will run from 10 a.m. to noon at most [DEC Regional Offices](#) across the state. Exam registration forms are available on [DEC's website](#).

## **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/>.

## **Rethink your Lawn**

Manicured green lawns use lots of resources and time and provide little biodiversity for pollinators and other organisms. Eliminate the harmful chemicals and consider alternative plantings. Check out the Erie County Healthy Lawns campaign and take the “Home for a Gnome” pledge at <http://erie.cce.cornell.edu/gardening/-erie-county-healthy-lawns-campaign>. Also check out <https://www.treehugger.com/use-instead-grass-your-lawn-4857992> for the benefits of clover and freeing yourself from so much lawn care.

## **2020-2021 NYS Farm to School Institute**

Farm to Institution New York State, or FINYS, a collaborative initiative led by American Farmland Trust, announces the selection of twelve schools to the 2020-2021 New York State Farm to School Institute, an intensive year-long program for New York schools to develop and grow their farm to school programs. Locally, Thomas A. Edison Elementary School (Kenmore Town of Tonawanda Union Free School District) was selected as one of the schools dedicated to teaching about the importance of resilient and sustainable food systems, and working hard to provide nutritious, locally-sourced foods to our children and communities across New York. School teams, comprised of school administrators, school nutrition professionals, educators and community partners, will receive support to enhance their technical knowledge on how to procure and prepare local foods, tools for community engagement, and strategies to support classroom and culinary education. Participating schools will convene for a virtual kick-off retreat starting August 10, join farm-to-school workshops throughout the year, receive regular coaching to support goal-setting and execution, network with school teams and leaders and professionals in the farm to school field from across the state, meet for a one-day gathering in Spring 2021, and be eligible for a Farm to School Implementation Award of up to \$5,000. The New York State Farm to School Institute is a project of Farm to Institution New York State, a collaborative initiative of American Farmland Trust, working to dramatically expand the volume of food grown on local farms that is served in institutions across New York. It is made possible thanks to support from the NoVo Foundation, the Joyce and Irving Goldman Family Foundation and members of the American Farmland Trust. Learn more at [www.finys.org](http://www.finys.org).

## **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](mailto:fwfish9@dec.ny.gov).

## **“Origami” Reusable Water Bottle**

A new design allows for a foldable reusable water bottle. Soon you will be able to fold your empty bottle and store in your pocket when empty. <https://www.fastcompany.com/90520794/this-reusable-origami-bottle-folds-to-fit-in-your-pocket>.

## **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](#).

## **Insect Documentary: Benefits of Bugs**

[Chasing Bugs](#) is a short documentary film that highlights the importance of insects and other arthropods in both human and natural systems. Enjoy interviews with leading entomologists including Alex Wild, Doug Tallamy, John Abbott, and Piotr Naskrecki - who provide tangible advice for how to conserve these beautiful animals in your home landscape. Filmmaker and photographer Danae Wolfe spent two years on this solo film project with the intent of introducing the public to the plight of insects. Her hope with the film is to showcase the importance of insects and spiders in ways that will motivate homeowners to forgo the classic American lawn and instead manage their landscape for pollinators and other beneficial bugs.

## **Connection of Factory Farms and Pandemics**

With the ongoing pandemic, flaws in our food supply chain have become obvious. Livestock production, slaughtering and processing have been hardest hit; some farmers with large herds have killed their animals because they can't be slaughtered and processed in a timely manner. Working and living conditions for workers in processing facilities have led to widespread illnesses among them. As we consider future changes and the impact that our factory farms have, statistics indicate that 3 out of every 4 new or emerging infectious diseases come from animals. For a short primer from the CDC, view [https://www.youtube.com/watch?v=Kbtgz-LoWH0&mc\\_cid=f622293c35&mc\\_eid=e5e0087af6](https://www.youtube.com/watch?v=Kbtgz-LoWH0&mc_cid=f622293c35&mc_eid=e5e0087af6)

## **Reducing Pet Food Footprints**

A California maggot farm is creating a new pet food raised on restaurant waste. While they aren't marketing dog or cat food yet, the food with freeze-dried black soldier fly maggots as a protein source is being sold for food for chickens, pigs, birds, reptiles and fish. Read more [here](#).

## **EPA Launches Sustainable Materials Prioritization Tools**

The EPA provides [Sustainable Materials Management Prioritization Tools](#) as a starting place for governments, trade associations, NGOs, companies, small enterprises, and other organizations to select materials. The tools provide a life cycle analysis which helps groups establish priorities for environmental improvement, focus their limited financial and human resources where action could offer greater holistic benefit, and consider key industries for collaboration. The SMM Prioritization Tools generate dynamic charts that present over 10 million data points from a fully transparent, open and freely available life cycle model created by EPA. These charts provide insights across more than 20 environmental, social and economic indicators for over 390 categories of goods and services in the United States.

## **Hotter than Ever**

Temperatures in the small Siberian town of Verkhoyansk — normally one of the coldest places on the planet — reached 100.4°F recently, likely the hottest temperature ever recorded in Siberia and north of the Arctic Circle, [CBS News reports](#). Caribou, Maine tied its all-time record of 96°F. Buffalo has had its hottest July in recorded history.

## Coloring Map

Many Western New Yorkers are spending time, safe at home, due to the COVID-19 outbreak and a University at Buffalo professor is providing a way to help pass the time. Dr. Monica Stephens, an assistant professor in the department of Geography at the University at Buffalo, has created a free printable interactive map of Buffalo that allows you to color your neighborhood, or all of Buffalo! You can [find the "Color Buffalo" map here](#).

## Canalway Challenge: How Many Miles Will You Track in 2020?

The **Canalway Challenge** officially launches in May with a new slate of activities and giveaways, but you can start tracking miles any time. Especially during this time when so many things are closed, the **Canalway Trail remains open** and presents a healthy option for getting fresh air and exercise. [Sign up](#) anytime or use your existing log in link to create a new challenge for 2020 or to add miles to an unfinished Challenge.

## 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](http://www.ptny.org/bikefriendly), fulfill required criteria, and apply for review. Certified businesses can promote on their website and display on windows and other promotional materials.

## The College Lodge Forest: A Nature Sanctuary

The College Lodge Forest in Fredonia is situated on the Portage Escarpment overlooking the Lake Erie plain. The land sits on a continental divide: on one side rainwater drains towards Lake Erie and the Atlantic Ocean, while on the other side it drains towards the Mississippi River and the Gulf of Mexico. The heart of the forest is anchored by a large grove of towering old-growth trees hundreds of years old, extremely rare in Western New York. The WNY Land Conservancy is currently raising funds to ensure its protection and needs to raise \$390,000 more by December 31. By purchasing 168 acres from the FSA, the Land Conservancy will protect the forest and the FSA will be able to invest funds from the sale into the stewardship of visitor facilities on the portion of the property it retains. The FSA will continue to own and operate the lodge and the 33 acres surrounding it. The 168 acres of forest that the Land Conservancy will purchase includes miles of hiking, snowshoeing, and cross-country ski trails. Once purchased, the Land Conservancy will maintain it as a publicly accessible nature preserve. If you wish to visit, the College Lodge Forest is located at 8067 Route 380 Brocton, NY 14716. For more info, visit [collegelodge.com](http://collegelodge.com). To learn more about the Land Conservancy's efforts to save the College Lodge Forest and to donate to the campaign, visit [wnylc.org](http://wnylc.org).

## **Buffalo Food Waste Diversion is Available Year-Round**

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

## **Safe Lanes Bike Lane Reporting Platform**

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

## **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/>

## **Where do Butterflies have Photoreceptors?**

University of California at Irvine researcher Adriana Briscoe studies butterfly color and light detection. Through her work, she has learned that they have photoreceptors in their genitals. Her [podcast](#) is full of lots of surprising facts about butterflies.

## **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](mailto:GLCladophora@dec.ny.gov).

## **Reuse Action in Action: Source for Reusable Materials**

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

## **Current NY Environmental Bills List**

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

## ***Our Farms, Our Future* Podcast Series: Voices in Sustainable Agriculture**

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

## **Bee Better Certified: A Farmer's Guide**

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

## **Restore Mother Nature Bond Act Postponed**

The Restore Mother Nature Bond Act for 3 billion dollars, which would have been the largest in state history, has been postponed due to financial consequences with the pandemic. The bond was envisioned to provide funding for projects that would reduce the risk of flooding for vulnerable communities, restore habitat, and prepare the state for climate change.

## **Erie County Annual Water Quality Report Published**

Curious about local water quality. Check out the published annual [report](#) for 2019 testing. In this report you will find details about the quality of your drinking water during the past year, where your water comes from, how your water is treated and tested, how it compares to safety standards set by regulatory agencies, and answers to frequently asked questions.

## Free Hard Drive Recycling

Western Digital is offering free hard drive recycling through their US electronic waste recycling program. You can safely dispose of your old internal and external **HDDs and SSDs**, from any manufacturer with the data securely destroyed. For more info, visit <https://shop.westerndigital.com/campaign/landing/easy-recycle>

## Nonprofit Funding for Green Energy

Sun Club is [accepting grant applications](#) from nonprofits that need green funding and clean energy expertise. By funding sustainable solutions for nonprofits, Sun Club helps them continue their mission while contributing to a cleaner environment.

## 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.

## Study Finds Fracking Linked to Rare Birth Defect in Horses

A new study has uncovered a link between fracking chemicals in farm water and a rare birth defect in horses—which researchers say could serve as a warning about fracking and human infant health. The study, published this month in the journal [Science of the Total Environment](#), complements a growing body of research linking fracking to numerous human health effects, including preterm births and high-risk pregnancies. Veterinarians at Cornell University diagnosed five out of 10 foals born on one farm in Pennsylvania with the rare birth defect dysphagia which causes nursing foals to inhale milk instead of swallowing it, often resulting in pneumonia if milk gets into their lungs. There were higher levels of four kinds of polycyclic aromatic hydrocarbons (PAHs) detected in water on that farm. Horses at a New York farm owned by the same individual and raised under similar techniques had healthy foals; the only difference between farms was the water supply. Read more [here](#).

## **Museum of the Earth's Bees! Exhibit is Now Online**

The current special exhibit at the Museum of the Earth in Ithaca, New York, is "Bees! Diversity, Evolution, Conservation", and while the Museum is closed until further notice, their online version of the exhibit is available at <https://www.museumoftheearth.org/bees/>. This takes you through the fascinating world of bees and reveals amazing facts and new insights into an insect which is vital to the cultivation of the food we eat. Discover the diversity of the over 20,000 species of bees from all over the world. Learn about their co-evolution with the flowers they pollinate. Explore bee biology and behaviors. Find out what threats bees currently face, and what you can do to help.

## **New Resources Available to Reduce Hazardous Waste & Save Money**

DEC has developed a resource guide for hazardous waste generators to reduce waste and save money. Resources include archived webinars presented by the New York State Pollution Prevention Institute (NYSP2I) on topics such as How Your Facility Can Reduce Hazardous Waste and Save Money and Best Practices for Sustainable Manufacturing. <http://www.dec.ny.gov/chemical/110901.html>.

## **Firefly Conservation: Save our Night Flashers**

Xerces, the non-profit focused on invertebrate conservation, has produced a [brochure](#) highlighting the important role and the threats leading to the decline of the firefly. There are more than 2000 species of these beetles; they have been celebrated in art, music, and literature, and contributed to numerous advances in medicine and our understanding of evolution, genetics, and ecology. Their bioluminescent light shows brightens up many summer nights in areas where they are abundant. By carefully considering their needs and how our actions could affect them, we can take steps to ensure that their lights shine for future generations. For more info on protecting fireflies, check out Xerces' [firefly resources](#).

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

## **Online LEED Green Associate Workshops**

Live webinars are being offered for preparing for the LEED Green Associate exam. Webinars are offered on August 23 from 1-5pm and Sept. 12 from 2-6pm. You can register here for a webinar - <https://leadinggreen.com/webinars> or take a [course](#) at your own pace.

## 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.

## New Greenhouse Manual: Guide for Educators

The National Center for Appropriate Technology (NCAT), the United States Botanic Garden (USBG), and City Blossoms are proud to release their new "Greenhouse Manual: An Introductory Guide for Educators." The manual is an easy-to-use guide designed to help educators with access to educational greenhouses. Whether planting gardens, growing for Farm to School programs, or integrating plant science into an existing curriculum, this manual has answers that educators need. The greenhouse manual can be downloaded for free [here](#).

## 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](https://NEEFusa.org/ClimateSuperstars) to register for the challenge and receive your free educator guide when it is released.

## Teacher's and Home-Schooling Resources

[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

[2020 NERC Environmental Sustainability Leadership Award](#)-The award program offers a unique opportunity for individuals and companies in NERC's 11-state region that demonstrate an impact on an environmentally sustainable economy in furtherance of the NERC mission. Awards are given to the public and private sector, with a special category reserved for NERC Advisory Members. Deadline: **August 14**.

[Hackaday Conservation Challenge](#)-Conservation X provides funding to inspire creative solutions. Challenge 1 seeks new globally scalable systems and technologies that aid in the monitoring, prevention, and systematic removal of invasive species in aquatic ecosystems or on islands. Challenge 2 seeks methods for real-time monitoring of everything on or below the water with surveillance technology and data analytics designed for affordability and autonomy within the developing and developed world. Deadline: **August 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**.

## Grant and Scholarship Opportunities

[Chrysalis Fund Grant](#) fosters the future of entomology through grants to K-12 teachers and other educators who use insects in the classroom to get kids excited about science. Fund your bug-themed project or program. Grant applications are due **August 1**.

[LISC Small Business Relief Grants](#)- For business owners with multiple businesses, please answer this survey based on your largest business owned. Deadline: **August 3**.

[Great Lakes Watershed Education and Training Program](#) (search for Grant Opportunity Number NOAA-NOS-ONMS-2021-2006522). The National Oceanic and Atmosphere Administration, funded by the Great Lakes Restoration Initiative is offering a grant for eligible K-12 institutions within the Great Lakes Watershed. This grant will go towards the creation and enhancement of environmental education programs. Deadline: **August 21**.

[Plant Pest and Disease Management and Disaster Prevention Program](#) (aka Farm Bill) is seeking project proposals. Some key project areas include: enhancing plant disease and pest analysis, conducting outreach and education, and improving rapid response capabilities. Deadline: **August 21**.

[Save the Snakes Grants](#)-Our small grants enable individuals and organizations to conduct snake conservation efforts and mitigate human-snake conflict around the world. Before you take the time to fill out our application, please read our [Funding Guidelines](#) to make sure you and your project qualify for a grant from us. Deadline: **August 31**.

[Future Institute Research Center Scholarships](#) invites applications for \$1,000 research scholarships to be awarded to doctoral graduate student researchers studying post-secondary education (teaching/learning), transitions (secondary education to undergraduate, undergraduate to graduate, education to career), college and career success. Applicants should be doctoral students whose research topic aligns with the Center's focus, which is post-secondary education transition and college/career success. Research projects focused on teaching/learning and education will also be considered. Deadline: **September 30, 2020**

[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**.

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

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

[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.

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

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

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

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

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

## Employment and Internship Opportunities

[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.

[Street Team Organizer](#)-The ideal candidate is familiar with Movement Generation's Just Transition framework and how it relates to the mission and vision of PUSH Buffalo to move away from an extractive, profit-driven economy to a regenerative, people-centered economy. The Street Team Organizer is familiar with deep canvassing and the purpose of it to build authentic relationships that help community members identify their self-interest and build power with the extensive infrastructure and capacity that PUSH Buffalo has as an organization, as exemplified by its 15 year history of winning member-driven campaigns.

[Youth Action Team Organizer](#)-The ideal candidate will be able to be flexible and adapt to working with neighborhood residents in Buffalo to build power to advance economic, environmental, and housing justice. The Youth Action Team Organizer will build relationships with youth at the Grant Street Neighborhood Center (GSNC) and others, primarily on Buffalo's West Side. The Youth Action Team Organizer will also build identify the most pressing needs of youth at the GSNC and in the surrounding neighborhoods to build issue-based campaigns around (For Example: Transportation, education, and mass incarceration.) The Youth Action Team Organizer will also assist with building out systems within the GSNC to make it more participatory in terms of programming and budgetary priorities, in collaboration with the Youth Organizing Manager and GSNC Manager.

[Property Manager](#)- a key member of PUSH's Community Development and affordable housing team. In this role, the Property Manager will oversee day-to-day operations of PUSH Buffalo's residential and commercial properties. They will establish strong working relationships within community members, tenants, vendors, municipalities and contractors. They will ensure compliance with all rules, regulations and laws relevant to PUSH's work and affordable housing programs. 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

[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](mailto:cm933@cornell.edu) or [info@nyshemlockinitiative.info](mailto:info@nyshemlockinitiative.info).

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

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

[Other Citizen Science Programs](#)

## Upcoming Community Activities:

**\*\*Many in-person scheduled events for July have been canceled or may be announced as NY moves into the next phase. Updates for any new events will be posted to [www.daemen.edu/enviro-news](http://www.daemen.edu/enviro-news), if restrictions to events are lifted.**

### Saturday, August 1

**Hawk Creek Wildlife Center Open Tours**-The health and safety of our guests, animals and staff is our number one priority so there are guidelines in place to ensure everyone has a SAFE and pleasant time. Below is the information you need to know to purchase your ticket and prepare for your visit. The animals are ready to welcome you and we hope to see you soon! To spread entry throughout the day we will be admitting 60 people every half hour. Entry will begin at 11:00 am and last entry will be admitted at 3:30 pm. Once admitted you will be able to walk the grounds and view the animals and gardens at your own pace. [MORE INFO & TICKETS](#)

**Saturdays in the Park-10am to noon at [Niagara Falls State Park](#).** It's Saturday, and there is nothing better than a morning walk on Goat Island! Enjoy the views and listen to some fun facts and stories about the oldest state park in the country. *For information and registration call (716) 282-5154.*

**Let's Go Birding Together: Delaware Park**-9 to 10:30am. Let's Go Birding Together walks are for everyone who loves birds and the outdoors. We welcome those who identify as LGBTQIA++, allies, families, and anyone who wants to enjoy an outdoor experience that is inclusive. Pre-registration is required. Donations gratefully accepted. This program is limited to 10 people. Masks and physical distancing are required. 585-457-3228

**Birding at Beaver Meadow**-10 to 11:30am. Join us for a birding hike around the pond at Beaver Meadow! Many birds have already begun their fall journey south. We'll see how many we can find on the pond and in the diverse habitats that surround it. Pre-registration is required. \$10. 585-457-3228.

**Reptiles & Amphibians Meet and Greet**-2 to 3pm. Join us in the Beaver Meadow Nature Center for a short talk on the Reptiles and Amphibians that make their home in the different habitats of Western New York. We will feature a new cold-blooded creature every week, and learn all about where to find them in Western New York. Be sure to bring a camera! Donations gratefully accepted. 585-457-3228.

**Honorable Harvest Hike**-10am. Join us in surveying the practical properties of harvestable plants at Reinstein Woods through the lens of their indigenous and colonial histories. **Pre-registration required; call 716-683-5959.**

### Sunday, August 2

**Sturgeon Moon Beach Walk**- 8 to 9:30pm at [Evangola State Park](#). Walk on a warm sand beach as a full moon shimmers across Lake Erie to view the Sturgeon Moon! *For information and registration call (716) 549-1050.*

### Monday, August 3

**Buffalo's Bicycle and Pedestrian Advisory Board**- 5:30 pm. Curious about why and when bicycle infrastructure is added in Buffalo? Tune in to this advisory board via GObike's [Facebook page](#) for a live stream.

**Growing Opportunities for Farm to School in New York**-2 to 3pm. Lessons Learned from the 30% Initiative After Year One. Are you looking to learn more about how to increase local purchases served to students in school cafeterias? Join American Farmland Trust/Farm to Institution New York State for a webinar detailing findings from the recently released [Growing Opportunities report](#) evaluating the New York State Farm to School Incentive's effectiveness in helping schools buy more New York grown food. This webinar is for state and federal policymakers, school administrators, food service staff, farm to school support organizations and advocates who want to learn more about where New York's farm to school incentive program has succeeded and where more work still needs to be done to unlock its full potential. To join this webinar, please sign up [here!](#)

### Tuesday, August 4

**Women, Land & Legacy and Women Caring for the Land**-2 to 4 p.m. for a fun and informative virtual soil health 101 session. We'll network, learn about soil basics, showcase soil health demonstrations that you can do at home, and share how to get assistance with installing conservation practices on the land. Each participant will receive a soil health info. package mailed to them after the event, which will include nitrate test strips. Women, Land & Soil Health, August 4th, 1:00-3:00 p.m. This event is free and on-line. Though some of the information will be Iowa specific, women from any location are welcome to attend. For more information and questions contact Wren Almitra, [wren@wfan.org](mailto:wren@wfan.org), 215-384-3094. Pre-registration is required. Event details and registration are [here](#). Facebook event is [here](#).

**Parking Reform Made Easy**-1pm. Reforming minimum parking requirements is one of the most effective ways to support smart growth. Richard W. Willson, Ph.D, FAICP, a professor in the Department of Urban and Regional Planning at Cal Poly Pomona, explains the problems created by the parking requirement status quo before presenting a step-by-step process for reforming minimum parking requirements. [Register for "Parking Reform Made Easy"](#)

**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.

## Wednesday, August 5

**Sustainable Business Roundtable Virtual Coffee**-8 to 9am on Zoom. Connections, sharing and learning are needed, perhaps more now than ever. Remember that while we may be socially distancing, we are not alone. This is an opportunity to meet and engage virtually with representatives from our sustainable business community. Our use of zoom networking techniques will let you connect with new and old friends, colleagues and acquaintances, all while enjoying early morning refreshments of your choice at your own desk and/or garden swing! This is a free event, open to both SBR Members and non-SBR members. [Register](#) by 1 PM on August 4th, and you'll be sent the meeting link and login instructions.

**Youth Climate Action Workshop: Threats to Ecological Communities**-5:30pm, led by David Reilly and Nicole Gerber. **Please do this [scavenger hunt](#) before the workshop!** [This link](#) will bring you to the Facebook Live page. Biodiversity is threatened because of habitat loss, climate change, and other human-created conditions. This workshop will explore why this is important and what steps we can take to reduce these threats in our local environments. We will discuss how animals and habitats are affected by our behavior, and how we can use science to make a positive difference in the world for all living creatures.

**The People, The History of the West Side and What That Means for Us Today**- 6pm. Sponsored by PUSH Buffalo. Fill out our [registration form](#), Join [Zoom meeting](#)

**Future Forces That will Disrupt Sustainable Business Webinar**-1:15 to 2:15pm. A full-spectrum thinking approach to building sustainability. [Register](#) and get the recording if you can't attend.

**Meaningful Engagement for Environmental Justice Without Public Meetings**- 2 p.m. - 3 p.m. webinar. Meaningful public engagement is more important than ever, from early in the planning stages to the National Environmental Policy Act (NEPA) review process. It's also clear that considerations around equity and diversity have intensified dramatically in 2020. In this 'new normal' as public engagement moves online for public safety, how can agencies and their consultants meaningfully engage with traditionally underrepresented communities without public meetings? [Register now!](#)

**Join Old Man River for a bike ride**-The ride leaves at 6PM from the Hub in Tonawanda. Sponsored by Handlebars cycle. Reservations and masks are REQUIRED as space is limited. If you'd like to join, please sign up via their [Facebook page](#).

**Teaching Practical Strategies for Reducing Wasted Food Through Community Events**-2:00 EST, [Free Webinar](#)

**GBNRTC - PCC meeting**- 9:30AM via Zoom at <https://us02web.zoom.us/j/88481090655>

**Fill it Forward: Virtual Education Series**-2pm. Join our 45-minute roundtable discussion exploring: The Future of Reusables: Balancing Safety and Sustainability. Before COVID, it was the norm for businesses and organizations to accept reusables. Now, they are searching for ways to re-incorporate them safely and sustainably. Our guest speakers will focus on how we can help keep reusables accessible while exploring what our future looks like when there are reservations about safety. [Register](#).

## Thursday, August 6

**Fighting for our Climate Future in New York**- 4 p.m. ET on your computer through [Zoom](#)

**Genesee County Master Gardeners: Colchicums**- 12 to 12:45pm during the monthly series "Garden Talk" Discover the wonderful world of colchicums. Colchicum flowers appear as if by magic starting in September. Large, vase-shaped blooms of lavender, pink and white add color to the fall garden well into October. Deer, voles, and squirrels find these bulbs unpalatable. [Register in advance for this meeting here](#). After registering, you will receive a confirmation email containing information about joining the meeting.

**Kayaking Basics with Tina**-6 to 8pm. Beaver Island State Park. Are you looking to learn more about your kayak, equipment, or paddle strokes and maneuvers? Look no further! Join ACA (American Canoe Association) certified kayak instructors for a paddle in the lagoon. Topics will include kayak/paddle anatomy and style, safety equipment all should carry, and strokes/ maneuvers that make kayaking a little easier. *For information and registration call (716) 282-5154*. Due to ongoing safety concerns related to the Covid-19 Pandemic, we will not be providing kayaks, paddles or life jackets for our kayaking programs. All participants will be required to provide their own equipment. Masks will be required while on shore and must be carried with you while on the water. Thank you for your cooperation and understanding!

**Navigating Difficult Conversations: Creating an Environment for Social Issue Discussions (Part I)**-Webinar from 3 to 4:15pm. Student-centered deliberations and discussions are at the core of emerging learning standards that span across the curriculum. In the August 2020 installment of the eeINSPIRE webinar series, presented by NAAEE in partnership with the US Forest Service, learn research-based best practices in creating a safe environment for student participation in addressing the most essential questions facing our communities, in person or at a distance. Walk away with free resources and tools to engage student voice in dialogue across our deepest differences. [REGISTER\(LINK IS EXTERNAL\)](#)

**Nature's Recyclers** – 2 to 3:30pm at Beaver Meadow Audubon. Let's learn about the decomposers that live on the forest floor and under rotting logs. Without decomposers, dead leaves, dead insects, and dead animals would pile up everywhere! Pre-registration is required. \$10. 585-457-3228.

#### **Friday, August 7**

**Take a Walk Along the Niagara Gorge**-10am to noon at Niagara Falls State Park. This walk will take us along the rim trail in Niagara Falls State Park. Join us on a fun walk in the park up to the Rainbow Bridge and back. *For information and registration call (716) 282-5154*.

**Meet and Greet with Zelda**- 2 to 3pm. Join us in the Beaver Meadow Nature Center for a short talk on Eastern Screech-owls with our Screech-owl.

#### **Saturday, August 8**

**The Niagara Frontier Botanical Society Field Trip**-8:30am, tentatively scheduling [a field trip](#) to a property in Colden. The group will return to the 110-acre property on Genesee Road, this time to look for late summer flowers. Meet at the park-and-ride where Rte. 219 crosses Rte. 20A. If possible, the group will carpool, otherwise they will caravan in separate cars. Call J. Schlegel if you wish to attend, 835-6042.

**Pollinator Walk**-10am. Discover the many pollinators that live at Reinstein Woods on this guided walk. Pre-registration required; call 716-683-5959.

**Black Squirrel Home and Garden Walk**- 10 a.m. to 3 p.m. Pick up maps at 550 12th St., Niagara Falls. In the spirit of the original Garden Walk Buffalo, Garden Walk Niagara is proud once again support the Black Squirrel Home and Garden Walk. Celebrating its fifth year, this small community of gardeners in the downtown core of Niagara Falls has assisted both homeowners and renters in creating front yard gardens. The tour is free and self-guided. [Garden Walk Niagara](#)

**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 Young Choe. Membership applications and more information about the Bonsai Society are available on its [website](#).

**Salamander Search** – 10 to 11:30am. Flip over some logs and search for salamanders at Beaver Meadow! We'll learn about these fascinating amphibians and their life cycle, as well as how to safely handle and identify them. Pre-registration is required. \$10. 585-457-3228.

**Reptile & Amphibians Meet and Greet** – 2 to 3pm. Join us in the Beaver Meadow Nature Center for a short talk on the Reptiles and Amphibians that make their home in the different habitats of Western New York. We will feature a new cold-blooded creature every week, and learn all about where to find them in Western New York. Be sure to bring a camera! Donations gratefully accepted. 585-457-3228.

### **Sunday, August 9**

**The Mighty Niagara: River and Rapids**-10am to noon at [Niagara Falls State Park](#). Start your week off with a walk at Niagara Falls State Park. Enjoy a stroll through the gardens, and along the American Rapids trail to where the rapids begin. *For information and registration call (716) 282-5154.*

**Stella Niagara Preserve Tour**- 4 to 7pm. Price: \$100 - includes rental of kayak, life vest, and paddles. For more information and to register, visit [Niagara Outfitters' website](#). Join us for a wonderful event beginning at 4:00pm in Lewiston, NY at the Lewiston public boat launch. Get your life jacket and kayak (provided) and join Libby Broderick, a NYS licensed outdoor guide, for a tour down river to the Stella Niagara Nature Preserve. Niagara Outfitters is proud to join the Western New York Land Conservancy for this fundraiser, as well as to raise awareness for our beautiful Stella Niagara! We will utilize the new kayak landing and take a special tour of the Stella Niagara Nature Preserve led by the Deputy Executive Director of the Western New York Land Conservancy, Jajean Rose-Burney. We will learn about the history of the preserve and see the efforts the Land Conservancy is making to return the Stella Meadow to its original natural beauty. Please note that we will be following the coronavirus guidelines for mask wearing and physical distancing during this event. Please bring your mask for the times that we can not maintain physical distance.

**Mommy and Me Paddling Adventure**-9:00 am - 11:30 am. Do you want to introduce your young daughter or son to kayaking but not sure how to go about it? The staff of Paths, Peaks & Paddles would like to share a “Mommy and Me” morning adventure with you! We will provide to you a tandem kayak, paddles and life jackets. Your guide will accompany you down the creek pointing out the great wonders of the outdoors. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak. Join us on for a fun family paddle! Cost is \$12 per kayak. Reservations are a must! Time: 9:00 am until approximately 11:30 am. Questions are welcome at: 716-213-0350 or [contact us](#) (direct link)

### **Monday, August 10**

**Chautauqua Lake's Aquatic Invasive Plants ZOOM Program**- 4 to 5pm. Description:Join Roger Tory Peterson Institute conservation staff via ZOOM for an introduction to the invasive aquatic plants that exist within Chautauqua Lake, Chautauqua County, and the surrounding region. Please contact Jonathan Townsend at 716-665-2473 e 231 or [jtownsend@rtpi.org](mailto:jtownsend@rtpi.org) to register for the ZOOM program.

### **Tuesday, August 11**

**Education & Research Initiatives**-2 to 3pm. Learn how NY Sea Grant is equitably engaging K-12 students through the Great Lakes Ecosystem Education Exchange program and others. Dr. Gregory Boyer will discuss his work to better understand harmful algal blooms and their functions, and the role of the Great Lakes Research Consortium. [register](#), Presenters: Dr. Monica Miles, New York Sea Grant; Dr. Gregory Boyer, SUNY-ESF & GLRC

**Under a Perseid Sky**-9 to 10:30pm at [Knox Farm State Park](#). The Perseid Meteor Shower can produce 50-100 meteors per hour, making it one of the most spectacular events of the summer! Bring a chair or blanket and enjoy the shooting stars. *For information and registration call (716) 549-1050.*

**Upstate NY Green Drinks Meet-up**- 5:30 to 7pm via zoom. Please share the connection info with your Green Drinks groups through Facebook, Twitter, Instagram, newsletters, or the [www.greendrinks.org](http://www.greendrinks.org) website. We have room for up to 300, so we are not requesting any event registration. The ZOOM info is below.  
<https://prescottcollege.zoom.us/j/97592768768>

**Annual Tuesday Evening Stress Reducer Paddle**-6:00 pm - 8:30 pm. STRESS Reducer Paddle on Ellicott Creek! 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. Boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

**"Find Your Flock" Campaigns Webinar** - 3:00 PM - 4:00 PM ET. Audubon will be talking about the difference between education, advocacy, and lobbying, including the different types of nonprofits that engage in those activities. All are welcome! All you need to join is the desire to get involved and change the world for good. [Register](#) today, and you will receive a calendar invite and email reminders.

### Wednesday, August 12

**Bicycle Friendly Drivers**-1pm. It's up to both drivers and bicyclists to safely share the road. Join us on this webinar to discuss where cyclists and drivers are expected to be on the roadways, potential conflict scenarios between drivers and bicyclists, and more. Register [here for the event](#). This webinar is part of our Together, We Ride, campaign, focusing on encouraging safe interactions between all road users. Funded by the National Highway Traffic Safety Administration with a grant from the New York State Governor's Traffic Safety Committee.

**Join Old Man River for a bike ride**-The ride leaves at 6PM from the Hub in Tonawanda. Sponsored by Handlebars cycle. Reservations and masks are REQUIRED as space is limited. If you'd like to join, please sign up via their [Facebook page](#).

**Catch a Falling Star: Perseid Meteor Shower!**- 9 to 10:30pm at [Evangola State Park](#). The Perseid Meteor Showers are known for producing bright meteors that often leave trails! Bring a blanket or a lawn chair to catch all the action by dark Lake Erie skies. *For information and registration call (716) 549-1050.*

**How to Leverage your Tree Canopy Data**- 3 to 5pm. You have completed a tree canopy assessment - now what? There is no wrong answer! Tree canopy assessments provide detailed data to perform a variety of next steps. Hear from past clients how they leveraged their tree canopy data. [Register](#).

**West Side Community Energy Roadmap: The Planet, our Ecosystem and our Relationship**-6pm. Fill out our [registration form](#). Join [Zoom Meeting](#)

**How to Survey for Late Season High Priority Aquatic Species, Hydrilla and Starry Stonewort**-12 to 1pm. Join Finger Lakes PRISM and Finger Lakes Institute staff, for their Invasive Species- Know, Observe & Report Webinar Series. Join the webinar here: <https://hws.zoom.us/j/737918814>

**Youth Climate Action**:-5:30pm with Evan Roden on sign making and art. Link and details to online event at <http://www.wnyclimateaction.org/schedule-and-line-up.html>

### Thursday, August 13

**Women in Sustainability: Moving from Beginner to Badass**-1 to 2pm. Some positive news: Recent GreenBiz research finds the number of women in sustainability leadership positions has grown dramatically over the past decade — today, 58 percent of sustainability executives in large companies are female, as are 54 percent in smaller firms. Participation rates aren't the only change: Pay gaps between genders have narrowed. But there are still plenty of systemic challenges to navigate — from breaking the glass ceiling into the C-suite to proactively addressing the lack of ethnic diversity on sustainability teams. [Register](#).

**Invasive Plants**-Cornell Cooperative Extension will hold an in-person class from 6 to 7:30 p.m. in the 4-H Training Center Large Meeting Room, 4487 Lake Avenue, Lockport. Emerald ash borer, Japanese knotweed and giant hogweed are only a few of the invasive pests that have a negative effect on our environment. Learn what not to plant to avoid future problems and options for control of existing invasive species. The cost is \$15. Preregistration and payment are required by August 11. Registration is first come, first served. [Download the registration form here](#) and mail to Cornell Cooperative Extension of Niagara County, 4487 Lake Avenue, Lockport, NY, attn.: Amanda Henning. Checks should be made payable to Cornell Cooperative Extension of Niagara County. Registration is not completed until payment is received.

**Gypsy Moth Webinar** - 7:00 pm to 8:30pm. Hosted by Master Forest Owner Program - Northwest Region. Join Laura Bailey, Natural Resources Educator at Cornell Cooperative Extension (CCE) of Yates County and Master Forest Owner (MFO) Program Northwest Regional Director, for an in-depth look at the gypsy moth's lifecycle, population outbreak dynamics, impacts on trees and forests, and management practices. Join Zoom Meeting [HERE](#).

**Arboretum Trees** – 2 to 3:30pm. Join us for a tour of Beaver Meadow's Arboretum and learn about the many different types of trees and their uses. Preregistration is required. \$10. 585-457-3228.

#### **Friday, August 14**

**Community Science Aquatic Invasive Plant Survey**-1:00-3:00 PM at Chautauqua Institute, 1 Ames Ave., Chautauqua, NY. Become a better steward of Chautauqua Lake by attending this community science survey event, organized by the Roger Tory Peterson Institute. Monitor for the presence of aquatic invasive plants that threaten the lake and its watershed. Participants must supply their own kayak and personal flotation device. Register by contacting Jonathan Townsend at 716-665-2473 x231 or [jtownsend@rtpi.org](mailto:jtownsend@rtpi.org).

**2020 LEAF Zoom-Pressure Canning Vegetables, Meats & Soups**-11:00 AM - 12:00 PM. Learn the procedures for safely canning low-acid foods, such as vegetables, meats, and soups in a pressure canner. This class will include a discussion of dial gauge vs. weighted gauge pressure canners and how to use them. Contact [Lucia Conti Association Administrative Assistant](#), [lpc33@cornell.edu](mailto:lpc33@cornell.edu), 716-664-9502 ext. 209.

**Meet and Greet with Zelda** – 2 to 3pm. Beaver Meadow Audubon Center. Join us in the Beaver Meadow Nature Center for a short talk on Eastern Screech-owls with our Screech-owl.

#### **Saturday, August 15**

**Hive Inspection Class - In Apiary AUGUST** 4:00 PM 5:00 PM. You can read all the books, take all of the classes, and watch all of the YouTube videos, but there's nothing quite like spending some time checking out a beehive with someone who can explain exactly what you're looking at in real life. Join us and a small group of other new beekeepers as we inspect a hive in our apiary. We'll share our tips for good hive inspection etiquette, and talk about what it is we're looking for (and at!) when we open up our hives. [Register](#). Masterson's Nursery in East Aurora.

**Animal Play Day at Hawk Creek**- 11am to 1pm or 2-4pm. See our animals like never before! This immersive, family friendly event is not to be missed! Experience wildlife up close! Pre-registration is required! [More Info](#) | [Tickets](#)

**Forest Bathing**-10am. Reset your mind and prepare for summer with the newest health trend! This walk at Reinstein Woods will focus on the sights, sounds, and smells of the forest to induce relaxation and ease stress. Pre-registration required; call 716-683-5959.

**Saturdays in the Park-10am to noon at Niagara Falls State Park.** It's Saturday, and there is nothing better than a morning walk on Goat Island! Enjoy the views and listen to some fun facts and stories about the oldest state park in the country. *For information and registration call (716) 282-5154.*

**Old Woods Hike** – 10 to 11:30am. Join us for a hike through the old growth forest at Beaver Meadow! We'll learn about what makes old growth forests so different and why they are important to our ecosystems. Pre-registration is required. \$10. 585-457-3228.

**Reptiles & Amphibians Meet and Greet** – 2 to 3pm at Beaver Meadow Audubon Center.

**Introduction to Kayaking**-9:00 am - 11:30 am. Come out and spend a morning with us learning how to get in and out of your kayak and different paddling strokes. Once you are comfortable with your kayak and paddling strokes we will go for a group paddle for approximately 30 minutes. Your class will be conducted on Ellicott Creek across from our facility. All instructors are New York State Licensed Guides. Class will run from 9:00 am to 12:00 pm. Paths, Peaks and Paddles is located at 1000 Ellicott Creek Road Tonawanda, NY 14150. All equipment is provided. Bring water and a positive mental attitude. We will have you excited about your new found skills in no time! Cost is \$55.00. Please call Paths Peaks & Paddles at 716-213-0350 if you have any questions or [contact us](#)

## **Tuesday, August 18**

**Starry Stonewort Collaborative Webinar**- 10:00 am to noon. Join the Starry Stonewort Collaborative and Blake Cahill, Ph.D Candidate; Earth and Ecosystem Science Doctoral Program, Central Michigan University for a discussion on Blake's research into the combined application of both chemical control and mechanical harvesting on starry stonewort. Please [register in advance](#).

**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.

**NOFA-NY Webinar: Growing Resilience with Farm & Garden Seed Stewardship**-6:00 pm – 7:30 pm  
The farmers and storytellers at [Hudson Valley Seed Company](#) invite you to tour Four Fold Farm, where they grow open pollinated seed and preserve crop diversity by selecting unique, rare, and hard-to-find varieties. Learn how a seed farm is different (and similar) to other farms that grow vegetables, flowers, and herbs, and why seed saving is crucial now more than ever. This field day will cover soil health, organic production methods, harvest, and a seed saving demo with Farmer Katie Wong. Save the date – [registration](#) opening soon!

## **Wednesday, August 19**

**Join Old Man River for a bike ride**-The ride leaves at 6PM from the Hub in Tonawanda. Sponsored by Handlebars cycle. Reservations and masks are REQUIRED as space is limited. If you'd like to join, please sign up via their [Facebook page](#).

**BioBlitz How-To**- 7 to 8pm. Online. Join us for a live online learning session for the use of the community science website and app iNaturalist! Open to all, but highly recommended for those participating in the Knox Farm BioBlitz on the 22nd & 23rd. *For information and meeting link call (716) 549-1050.*

**Introduction to Pickling-** 5:30 to 7 p.m. in the WNY Food Incubator kitchen in the 4-H Training Center, 4487 Lake Avenue, Lockport. Pickling has been a tradition in many cultures but has been a lost art in recent times. In this workshop participants will learn the basics of pickling by making vegetable pickles. 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/workshop/person. Preregistration and payment required by **August 17**. Registration is first-come-first-serve. [Download registration form here](#) and mail to Cornell Cooperative Extension of Niagara County, 4487 Lake Avenue, Lockport, NY, attn.: Amanda Henning; Checks should be made payable to Cornell Cooperative Extension of Niagara County. Registration is not completed until payment is received. Cancellation Policy: There is a class minimum of 8 participants. If the class minimum is not met, or class must be cancelled due to unforeseen events, class fees will be refunded in full. If the class is full, your check and/or a refund check will be returned to you.

**West Side Community Energy Roadmap: Understanding our Current Energy System-**6pm. Fill out our [registration form](#). Join [Zoom Meeting](#)

**Western New York Rose Society-** 7 p.m. at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Dr., Buffalo. There will be a tour of the Delaware Park Rose Garden with Emeré. [Info](#).

**Repair Café TV • Jewelry Repair Webinar-**Hosted by Repair Café NC with cast of global coaches. 7:30pm. <https://repaircafe.tv/events/repair-cafe-tv-august-19>. [Register Today! Always Free.](#)

**How Biocontrol Agents are Approved and Accessing for Your Invasive Species Management Needs-**2pm. Presented by: Joseph Milan, Bureau of Land Management and John Kaltenbach, Colorado Department of Agriculture. Please [register in advance](#).

**Senior Paddling Event-**6:00 pm - 8:00 pm. The staff of Paths, Peaks & Paddles would like to share an evening adventure with you. We will provide to you a tandem kayak or canoe, paddles and life jackets. Your guide will accompany you down the creek pointing out the great wonders of the outdoors. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak or canoe. Cost is \$12 per kayak or canoe. Reservations are a must! Time: 6:00 pm until approximately 8:00 pm. Call us for questions at 716-213-0350 or [contact us](#) (direct link).

## Thursday, August 20

**Complete Streets Forward in the Region-** 1:00 - 3:00 p.m. [Register](#). Hear from the Greater Buffalo Niagara Regional Transportation Council (GBNRTC) about the past, present, and future of Complete Streets, including smart cities technology and considerations for COVID-19. Learn about low-cost or no-cost solutions and best practices for project implementation and inter-agency coordination from officials with first-hand experience.

**Accessible Outdoor Exploration-**10 to 11am at [Evangola State Park](#). Visit beautiful Evangola State Park and join us for a relaxing sidewalk tour to experience and enjoy the park's natural charm. People of all ages and abilities are welcome! *For information and registration call (716) 549-1050.*

**Thursday Evening Stress Reducer Paddle-**6:30 pm - 9:00 pm. Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. We have 4 RULES in which we insist on: no drugs or alcohol on water, must wear PFD, stay with the group and no electronics. If it rains we will paddle the following week. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350. Or [contact us](#).

**Kayaking Basics with Tina**-6 to 8pm. Beaver Island State Park. Are you looking to learn more about your kayak, equipment, or paddle strokes and maneuvers? Look no further! Join ACA (American Canoe Association) certified kayak instructors for a paddle in the lagoon. Topics will include kayak/paddle anatomy and style, safety equipment all should carry, and strokes/ maneuvers that make kayaking a little easier. *For information and registration call (716) 282-5154*. Due to ongoing safety concerns related to the Covid-19 Pandemic, we will not be providing kayaks, paddles or life jackets for our kayaking programs. All participants will be required to provide their own equipment. Masks will be required while on shore and carried with you while on the water.

**Build a Survival Shelter** – 2 to 3:30pm. Learn what to do during a survival situation and how to build your own survival shelter using branches and leaves. Try and build a shelter that would keep you safe until help arrives! Pre-registration is required. \$10. Pre-registration is required. 585-457-3228.

### Friday, August 21

**Better Food, Less Carbon in the New Digital Economy**-1:15 to 2:45pm. Webinar. [Register](#)

**Take a Walk Along the Niagara Gorge**-10am to noon at Whirlpool State Park.

Join a state park naturalist for a leisurely walk along the rim trail to Devil's Hole State Park and back. This trail offers lots of "gorge-ous" views of the Niagara River! *For information and registration call (716) 282-5154*.

**City of Tonawanda Garden Walk**-9 to 11pm. Over 30 beautiful gardens open for your viewing pleasure. The City of Tonawanda Garden Walk features water gardens, rock gardens, koi ponds, and breathtaking arrangements in meditation gardens. Friday Night Lights offers an extraordinary lighting festival. For more information, contact (716) 957-4177.

### Saturday, August 22

**City of Tonawanda Garden Walk**- 10 a.m. to 4 p.m. Over 30 beautiful gardens open for your viewing pleasure. The City of Tonawanda Garden Walk features water gardens, rock gardens, koi ponds, and breathtaking arrangements in meditation gardens. Friday Night Lights offers an extraordinary lighting festival. For more information, contact (716) 957-4177.

**Knox Farm BioBlitz**-8:30am to 3:30pm at Knox Farm State Park. Calling all community scientists, naturalists and nature enthusiasts! We need YOUR help for our first ever Knox Farm BioBlitz! Teams will set out to identify and document as many living organisms in the park as possible over 14 hours. With over 600 acres we need your help! Teams will focus on groupings to include: Birds, Invertebrates, Plants, Mammals, Reptiles/Amphibians and Fungi. Call 716-549-1050 or email [Matthew.Nusstein@parks.ny.gov](mailto:Matthew.Nusstein@parks.ny.gov) to sign-up for a field team and time slot.

**Geocaching** – 10am to noon. Join us for a GPS treasure hunt at Beaver Meadow! We'll learn how to use a handheld GPS to find geocache treasure boxes in the woods along our trails. Pre-registration is required. \$10. 585-457-3228.

**Lad's 'N Dad's Paddling Adventure**-9:00 am - 11:30 am. Introduce your young daughter or son to canoeing or kayaking. The staff of Paths, Peaks & Paddles will provide to you a tandem kayak or canoe, paddles and life jackets. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak or canoe. Cost is \$12 per kayak or canoe. Reservations are a must! Time: 9:00 am until approximately 11:30 am. Questions are welcome at: 716-213-0350 or [contact us](#)

### Sunday, August 23

**Knox Farm BioBlitz**-8:30am to 3:30pm at Knox Farm State Park. Calling all community scientists, naturalists and nature enthusiasts! We need YOUR help for our first ever Knox Farm BioBlitz! Teams will set out to identify and document as many living organisms in the park as possible over 14 hours. With over 600 acres we need your help! Teams will focus on groupings to include: Birds, Invertebrates, Plants, Mammals, Reptiles/Amphibians and Fungi. Call 716-549-1050 or email [Matthew.Nusstein@parks.ny.gov](mailto:Matthew.Nusstein@parks.ny.gov) to sign-up for a field team and time slot.

## Monday, August 24

**Denims and Diamonds at Home**-Frederick Law Olmsted Gala August 24-28. Details including menu and ordering at [www.bfloparks.org/flo2020](http://www.bfloparks.org/flo2020).

## Tuesday, August 25

**Denims and Diamonds at Home**-Frederick Law Olmsted Gala August 24-28. Details including menu and ordering at [www.bfloparks.org/flo2020](http://www.bfloparks.org/flo2020).

**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.

## Wednesday, August 26

**Denims and Diamonds at Home**-Frederick Law Olmsted Gala August 24-28. Details including menu and ordering at [www.bfloparks.org/flo2020](http://www.bfloparks.org/flo2020).

**West Side Community Energy Roadmap: Using the Roadmap to Build a Just Green Energy Future**-6pm. Fill out our [registration form](#). Join [Zoom Meeting](#)

**Smart Cycling**-1pm. Want to become a more informed, confident bicyclist? Join us for this webinar which covers the classroom portion of our Smart Cycling class, covering all of the basics of bikes, bike safety, riding in traffic and more! Stay tuned for announcements regarding the on-bike portion of the class, ideally happening later this year. Register [here for this event](#).

**Join Old Man River for a bike ride**-The ride leaves at 6PM from the Hub in Tonwanda. Sponsored by Handlebars cycle. Reservations and masks are REQUIRED as space is limited. If you'd like to join, please sign up via their [Facebook page](#).

## Thursday, August 27

**Denims and Diamonds at Home**-Frederick Law Olmsted Gala August 24-28. Details including menu and ordering at [www.bfloparks.org/flo2020](http://www.bfloparks.org/flo2020).

**Larkin Square Author Series: Margaret Sullivan with Mark Sommer**-5:30pm at Larkin Square, 745 Seneca St., Buffalo. Join Media Columnist for the Washington Post Margaret Sullivan in conversation with Buffalo News writer, Mark Sommer about Margaret's new book, *Ghosting the News*. This event is free and will take place outdoors, under the covered boardwalk in Larkin Square. Limited, socially-distant seating is available; you are also welcome to bring your own chair to the square. Please wear a mask and [check Larkin Square's COVID-19 procedures & rules](#) before you go. Free parking is available in the surface lots along Exchange Street. The talk will also be streamed live online if you would rather attend virtually -- details will appear here when they are available.

**Effective Environmental Outreach Strategies**- 10:00 am to 11:00 am. Hosted by Penn State Extension. Join us to learn new strategies for increasing the impact of your environmental outreach program and cultivating trust among staff and stakeholders. Register [HERE](#).

**Transforming Education: A Conversation on Fostering Students' Reconnection with Nature**-3 to 4pm. Nature-inspired design can revolutionize education, offering teachers a dynamic new way to teach environmental and sustainability issues, STEM, creative problem-solving, and systems thinking. Join us live on [Zoom](#) and [YouTube](#). [REGISTER HERE](#)

**Choose Your Own Adventure!** – 2 to 3:30pm. Join us at the Beaver Meadow Arboretum for an afternoon of bug nets, pond pans, binoculars and log flipping! Choose from your favorite summer activities and explore nature with us! Pre-registration is required. \$10. 585-457-3228.

### Friday, August 28

**Denims and Diamonds at Home**-Frederick Law Olmsted Gala August 24-28. Details including menu and ordering at [www.bfloparks.org/flo2020](http://www.bfloparks.org/flo2020).

**Citizen Science Aquatic Invasive Plant Survey**-1 to 3pm at Celoron, NY 14701. Are you interested in becoming a better steward of Chautauqua Lake? Please consider attending this citizen science survey to monitor for the presence of aquatic invasive plants which could negatively impact Chautauqua Lake and its watershed. Participants will need to bring their own kayak and personal flotation device. Please contact Jonathan Townsend at 716-665-2473 x231 or [jtownsend@rtpi.org](mailto:jtownsend@rtpi.org) to register for this event.

### Saturday, August 29

**Dig with the Experts**- This is our very popular, once yearly opportunity to unearth the best, most complete, and most unexpected fossils at Penn Dixie. We'll have equipment do the heavy lifting and scientific experts on site to help with locating and identifying the best fossils. You'll have to do your share of splitting and digging, of course, but you're guaranteed to find something cool and interesting. [Full info & tickets](#).

**Saturdays in the Park-10am to noon at Niagara Falls State Park**. It's Saturday, and there is nothing better than a morning walk on Goat Island! Enjoy the views and listen to some fun facts and stories about the oldest state park in the country. *For information and registration call (716) 282-5154.*

**Summer Night Hike and Campfire** – 7 to 9pm. Join us around the campfire for s'mores before a sunset night hike at Beaver Meadow. Beavers, owls, bats, raccoons, and nighthawks will all be out and about getting ready for fall. Pre-registration is required. \$12. 585-457-3228.

### Sunday, August 30

**Dig with the Experts**- This is our very popular, once yearly opportunity to unearth the best, most complete, and most unexpected fossils at Penn Dixie. We'll have equipment do the heavy lifting and scientific experts on site to help with locating and identifying the best fossils. You'll have to do your share of splitting and digging, of course, but you're guaranteed to find something cool and interesting. [Full info & tickets](#).

**The Mighty Niagara: River and Rapids**-10am to noon at Niagara Falls State Park. Start your week off with a walk at Niagara Falls State Park. Enjoy a stroll through the gardens, and along the American Rapids trail to where the rapids begin. *For information and registration call (716) 282-5154.*

### Tuesday, September 1

**Annual Tuesday Evening Stress Reducer Paddle**-6:00 pm - 8:30 pm. STRESS Reducer Paddle on Ellicott Creek! Come join the guides and instructors of Paths, Peaks and Paddles 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.

## Tips for the Environment:

**Staycations and Recycling Right-** [Recycle Right on your Stay-cation](#), Whether camping in the mountains, hiking along one of New York's scenic waterfall trails, relaxing on a lake or ocean beach, or firing up the BBQ at a local park, we can all recycle right, reduce waste, and prevent litter wherever we go. These resources can be used to provide tips and information to residents about how to learn what's recyclable in a community they'll be visiting, ways to reduce waste on road trips, and reminders about packing out trash that is carried in to keep public lands safe, clean and enjoyable for everyone.

**Support Local Farmers-** Visit farmers' markets, u-pick sites, consider a CSA share. Links down below to resources to find them.

## Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Go Bike Buffalo**- If you're interested or want more information, [info@gobikebuffalo.org](mailto:info@gobikebuffalo.org)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Additional calendars with local events-**

<http://artvoice.com/calendar>

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

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

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

<http://buffalorising.com>

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

<https://boredommd.com/>

**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.ecattrail.org/>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Times Beach Nature Preserve- [www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029](http://www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029)

Black Dog Rescue- [www.blackdogsecondchance.org](http://www.blackdogsecondchance.org)

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

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

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

Erie Canal Trailway- [www.ptny.org/bikecanal](http://www.ptny.org/bikecanal)

Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>

Rochester Roots-<http://www.rochesterroots.org/>  
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>  
We Love Outdoors-<http://www.weloveoutdoors.com/>  
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>  
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>  
Citizen Science Opportunities- [listing](#)

### **County/New York State Resources**

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

### **Green Jobs, Internships and Opportunities**

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

### **Youth Summer/Holiday Camps/Home School Series**

[www.aquariumofniagara.org](http://www.aquariumofniagara.org)  
[www.buffaloaudubon.org](http://www.buffaloaudubon.org)  
[www.buffalogardens.com](http://www.buffalogardens.com)  
[www.buffscience.org](http://www.buffscience.org)  
[www.tifft.org](http://www.tifft.org)  
[www.buffalozoo.org](http://www.buffalozoo.org)  
[www.penndixie.org](http://www.penndixie.org)  
[www.yourspca.org](http://www.yourspca.org)

### **Education Resources**

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

### **Grant Opportunities/Tools**

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

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

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

Becker Farms- <http://www.beckerfarms.com/csa>  
Brewster Street Farm- <https://www.jersbuffalo.org/brewster-street-farm>  
Buffalo Organics/Foodscaping Project-<http://www.buffalofoodscaping.com/>  
Canticle Farms-<http://www.canticlefarm.org>  
Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>  
Cool Greens Vertical Farm- <https://www.facebook.com/Cool-Greens-Vertical-Farms-2261876070712461/>  
Crown Hill Farms-<https://www.crownhillfarm.com/>  
Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>

Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>  
Falkimmer Farms- <https://www.facebook.com/FalkimmerFarms/>  
Farmer Pirates-<http://www.farmerpirates.com/>  
Farmers and Artisans- <http://farmersandartisans.com>  
Farmthisway CSA - <http://www.farmthisway.com/>  
Fenton's Produce- [www.fentonsproduce.com](http://www.fentonsproduce.com)  
First Light Farm and Creamery- <http://www.firstlightfarmer.com/>  
Five Loaves Farm- <https://5loavesfarm.org/>  
Fleckenstein Farms-<https://www.fleckensteinfarms.com/>  
Free Fallen Fruit Rescue-<https://www.facebook.com/freefallenfruitrescue>  
Fresh Fix -<https://www.freshfix.com/>  
Goodman Farms- <https://goodmanfarms.net/>  
Gormley Farms- <https://www.facebook.com/gormleyfarms>  
Greater Buffalo Urban Growers-<https://www.facebook.com/greaterbuffalourbangrowers/>  
Green Heron Growers- <http://www.greenherongrowers.com/>  
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](http://www.niagaramalt.com)  
Plato Dale Farm- <https://platodalefarm.com/>  
Porter Farms- <http://www.porterfarms.org/>  
Produce Peddlers-<https://producepeddlers.com/>  
The Promised Land- <http://promisedlandcsa.com/>  
Providence Creek Farm- <http://www.providencecreekfarm.com/>  
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>  
Root Down- [www.therootdownfarm.com](http://www.therootdownfarm.com)  
Rust Belt Harvest- <http://rustbeltharvest.org/>  
Sinemus Farms- <http://www.sinemusfarms.com/>  
Singer Farms Naturals-[www.singerfarmnaturals.com](http://www.singerfarmnaturals.com)  
Teacup Farm- <http://www.teacupfarm.com/>  
Thorpe's Organic Farm- [www.thorpesorganicfamilyfarm.com](http://www.thorpesorganicfamilyfarm.com)  
Utley Acres- <http://utleyacres.com/>  
Westside Tilth Farm- <http://westsidetilth.com/>  
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>  
WNY Farmers' Markets- [http://www.bestofwny.com/farmers\\_market/](http://www.bestofwny.com/farmers_market/)  
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>  
Local Meats- <http://meatsuite.com/>  
NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>

### **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](http://www2.erie.gov/recycling/index.php?q=node))**

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

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

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

Books- [www.booksforafrica.org](http://www.booksforafrica.org), [www.operationpaperback.org](http://www.operationpaperback.org)

Bottle and jar caps-Weisenbach Recycled Products in Ohio. [CapsCando.com](http://CapsCando.com).

Bras- [www.donateyourbra.com](http://www.donateyourbra.com), [www.brarecycling.us](http://www.brarecycling.us)

Building materials- [www.buffaloreuse.org](http://www.buffaloreuse.org)

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

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

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

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

Clothing, formal/business- [www.donatemyweddingdress.org/](http://www.donatemyweddingdress.org/), [www.careergear.org](http://www.careergear.org), [www.dressforsuccess.org](http://www.dressforsuccess.org)

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

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

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

Construction Materials-Buffalo ReUse, Habitat for Humanity Restore

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

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

Electronics- [www.greenergadgets.org/recycling-responsibly.html](http://www.greenergadgets.org/recycling-responsibly.html), most electronics stores, [www.sunnking.com](http://www.sunnking.com)

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

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

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

Fishing line: Berkley Recycling, 1900 18<sup>th</sup> St., Spirit Lake, IA 51360.

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

Furniture-Goodwill, Salvation Army, Amvets and other charities

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

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

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

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

Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent

DePaul Society (Main St.) 882-3600,

Ink cartridges-[RecyclePlace.com](http://RecyclePlace.com) and most manufacturers

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

Medicines, expired or unused- [http://www.dec.ny.gov/docs/water\\_pdf/guidance3.pdf](http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf)

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

Packaging Materials (bubble wrap, peanuts)-UPS Store

Pharmaceuticals-dropoff sites at [map](#)

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

Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, [www.plasticfilmrecycling.org](http://www.plasticfilmrecycling.org)

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

Recycling A to Z - [realsimple](#)

Shoes, athletic-[NikeReuseAShoe.com](http://NikeReuseAShoe.com), [Souls4Souls.org](http://Souls4Souls.org) and [OneWorldRunning.com](http://OneWorldRunning.com)

Sports equipment-resell/trade at [www.playitagainsports.com](http://www.playitagainsports.com)

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

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

Toys, plastic- [http://dmpgreen.com/mail\\_in.html](http://dmpgreen.com/mail_in.html)

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

Water filters-Brita partners with [preserveproducts.com/recycling](http://preserveproducts.com/recycling)

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

**Eco-volunteering with Travel:**

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

<http://www.globalteer.org>

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

### **Education Courses or Certificates:**

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

### **Miscellaneous tools including videos and websites:**

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

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

Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June	<a href="http://adk-nfc.org/">http://adk-nfc.org/</a>
AIA Buffalo Western NY	<a href="https://www.aiabuffalowny.org/">https://www.aiabuffalowny.org/</a>
Air and Waste Management Association	<a href="https://awmanfs.wildapricot.org/">https://awmanfs.wildapricot.org/</a>
Allegany Nature Pilgrimage	<a href="http://alleganynaturepilgrimage.com/">http://alleganynaturepilgrimage.com/</a>
Alliance for the Great Lakes	<a href="http://www.greatlakes.org">www.greatlakes.org</a>
American Planning Association-WNY Section/Upstate	<a href="http://www.wnyapa.com">www.wnyapa.com</a>

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

Buffalo Niagara Waterkeeper	<a href="https://bnwaterkeeper.org/">https://bnwaterkeeper.org/</a>
Buffalo Olmsted Parks Conservancy	<a href="http://www.bfloparks.org">www.bfloparks.org</a>
Buffalo Orienteering Club	<a href="https://buffalo-orienteeing.org/">https://buffalo-orienteeing.org/</a>
Buffalo Ornithological Society	<a href="https://www.buffaloornithologicalsociety.org/">https://www.buffaloornithologicalsociety.org/</a>
Buffalo Recycles	<a href="http://buffalorecycles.org/">http://buffalorecycles.org/</a>
Buffalo ReUse	<a href="http://www.buffaloreuse.org/">www.buffaloreuse.org/</a>
Buffalo Urban Development Corp	<a href="http://budc.ecidany.com/">http://budc.ecidany.com/</a>
Buffalo Zoo	<a href="http://www.buffalozoo.org">www.buffalozoo.org</a>
Burchfield Nature and Art Center	<a href="http://www.burchfieldnac.org/">http://www.burchfieldnac.org/</a>
Center for Environmental Information (Rochester)	<a href="http://ceinfo.org/">http://ceinfo.org/</a>
Center for the Study of Art, Architecture, History and Nature	<a href="http://buffaloah.com/h/center/index.html">http://buffaloah.com/h/center/index.html</a>
Chautauqua Watershed Conservancy	<a href="http://www.chautauquawatershed.org/">http://www.chautauquawatershed.org/</a>
Chestnut Ridge Conservancy	<a href="http://chestnutridgeconservancy.org/">http://chestnutridgeconservancy.org/</a>
Citizens Campaign for the Environment	<a href="http://www.citizenscampaign.org">www.citizenscampaign.org</a>
Citizens Coalition for Wildlife and Environment	<a href="http://citizencoalitionwe.com/">http://citizencoalitionwe.com/</a>
Citizens for Regional Transit	<a href="http://www.citizenstransit.org/">www.citizenstransit.org/</a>
City Action Corps	<a href="http://www.cityactioncorps.org">www.cityactioncorps.org</a>
Clarence Bluebird Trail	<a href="http://www.clarencebluebirdtrail.org">www.clarencebluebirdtrail.org</a>
Clean Air Coalition of Western New York	<a href="https://www.cacwny.org/">https://www.cacwny.org/</a>
Clean Communities of Western New York	<a href="http://www.ccofwny.org/">http://www.ccofwny.org/</a>
Coalition of Positively Charged People	<a href="https://www.coalitionpositive.org/">https://www.coalitionpositive.org/</a>
Community Action Organization of Erie County	<a href="http://www.caoec.org/">http://www.caoec.org/</a>
Community Foundation for Greater Buffalo	<a href="http://www.cfgb.org/">http://www.cfgb.org/</a>
Cooperation Buffalo	<a href="https://www.cooperationbuffalo.org/">https://www.cooperationbuffalo.org/</a>

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

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

Greenworks WNY	<a href="https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/">https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/</a>
Groundwork Buffalo	<a href="http://gwbuffalo.org/">http://gwbuffalo.org/</a>
Habitat for Humanity Buffalo	<a href="http://www.habitatbuffalo.org/">http://www.habitatbuffalo.org/</a>
Hawk Creek Wildlife Center	<a href="https://www.hawkcreek.org">https://www.hawkcreek.org</a>
HEART Animal Rescue and Adoption	<a href="https://www.heartforanimals.org/">https://www.heartforanimals.org/</a>
Heart of the City Neighborhoods, Inc.	<a href="http://www.hocn.org">www.hocn.org</a>
H.O.P.E of WNY	<a href="https://www.reptilekeeperllc.com/">https://www.reptilekeeperllc.com/</a>
Housing Opportunities Made Equal	<a href="http://www.homeny.org/">http://www.homeny.org/</a>
Imagine Greater Buffalo Lifelong Learning	<a href="http://imaginelifelonglearning.com/">http://imaginelifelonglearning.com/</a>
Inland Ocean Coalition-Buffalo Chapter	<a href="https://inlandoceancoalition.org/whoweare/chapters/buffalo/">https://inlandoceancoalition.org/whoweare/chapters/buffalo/</a>
Innovation Center Buffalo	<a href="http://innovationcenterbuffalo.org/">http://innovationcenterbuffalo.org/</a>
Iroquois National Wildlife Refuge	<a href="http://www.fws.gov/refuge/iroquois/">http://www.fws.gov/refuge/iroquois/</a>
Jamestown Audubon Center & Sanctuary	<a href="http://auduboncnc.org/">http://auduboncnc.org/</a>
Jamestown Community College	<a href="http://www.sunyjcc.edu/sustainability">http://www.sunyjcc.edu/sustainability</a>
Junior Solar Sprint Buffalo	<a href="http://www.jssbuffalo.com">www.jssbuffalo.com</a>
League of Women Voters of Buffalo Niagara	<a href="http://www.lwvbn.org/">http://www.lwvbn.org/</a>
Local Initiatives Support Corporation	<a href="https://www.lisc.org/wny/">https://www.lisc.org/wny/</a>
Lyceum at Silo City	<a href="https://www.lyceumsilo.city/">https://www.lyceumsilo.city/</a>
Massachusetts Avenue Project	<a href="http://mass-ave.org/">http://mass-ave.org/</a>
Matt Urban Human Services Center	<a href="http://urbanctr.org/">http://urbanctr.org/</a>
Messinger Woods Wildlife Care and Education Center, Inc	<a href="http://www.messingerwoods.org">www.messingerwoods.org</a>
Nannen Arboretum	<a href="http://www.nannenarboretum.org/">http://www.nannenarboretum.org/</a>
Nature Conservancy-Central and Western New York Chapter	<a href="http://Nature.org">http://Nature.org</a>
Nature Sanctuary of Western New York	<a href="http://nsswny.org/">http://nsswny.org/</a>

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

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

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

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

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