

Enviro-News

June, 2021

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

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

Articles:

History of the West Valley Nuclear Waste Site & Action Needed in 2021

Join the West Valley Action Network for a series of workshops to learn about the West Valley NY Nuclear Waste Site. Help stop invisible but dangerous and long- lasting radioactivity from getting into our air, water, soil, food and environment. Hear from experts who have tracked this site for decades on the history of what is there, how dangerous it is, and what can be done today. Workshop I is **June 1** from 6-7:30pm [register](#) . On **June 22**, Part 2: Digging Deeper, History of West Valley Nuclear Waste Site will be from 6-7:30pm ([register](#)).

Williamsville Earth Day and Arbor Day Celebration

The Village of Williamsville will hold activities in celebration of Earth Day and Arbor Day from 10 a.m. to 1 p.m. **Saturday, June 5**, at Island Park, behind the Williamsville library, 5571 Main St. Also during the event, the Tool Library will present "Dare to Repair Café" from 10am to 1pm, where individuals can bring broken items (lamps, small electronics, vacuums, toys, etc.) and have volunteer "fixers" try to repair the item for free. [Registration](#) is required to have an item repaired. Beginning at 10 a.m., the village's Tree Board will be handing out free tree saplings in recognition of Arbor Day. Sapling availability is on a first-come, first-served basis. The event will also feature a special appearance by a gnome mascot, who advocates for pesticide-free lawns.

Last Call-Buffalo Love Your Block Grants

The deadline is 3pm **Friday June 4** for the small grants for community groups, block clubs and small businesses working to transform a Buffalo Public Space. For more info on target communities and projects, visit [here](#).

NFTA Metro Users: Complete the Survey

NFTA Metro is updating and improving our bus network in 2021, and we are conducting a survey right now as part of our community outreach efforts. You can find and share the survey on [Facebook](#), or [metro.nfta.com](https://www.surveymonkey.com/r/G6YWHWC) our home page, or <https://www.surveymonkey.com/r/G6YWHWC> for a direct link. Complete by **June 7**.

New York Invasive Species Awareness Week Begins June 6, 2021

New York State will celebrate the 8th Annual Invasive Species Awareness week (NYISAW), from **Sunday, June 6 to Saturday, June 12**. NYISAW promotes knowledge and understanding of invasive species by engaging citizens in a wide range of activities across the state and empowering them to take action. Activities include interpretive hikes, volunteer workdays including invasive species removal and restoration projects, displays, webinars, radio and television programming, and more. For information check out the [NYISAW Events Calendar](#).

Solar-Powered Heritage Carousel: Take a Ride on History

The long awaited solar-powered historic carousel has opened at Canalside with hours from 11am to 7pm each day until September 6. The Buffalo Heritage Carousel, Inc. is the restoration of the 1924 Spillman carousel which features 34 hand carved and painted animals and 3 chariots with the movement powered by the Tesla solar roof. Consider adopting one of the animals or contributing to the efforts of the project as they still need donations to meet their goals. For info, visit <http://buffaloheritagecarousel.org/>.

2021 Youth Fishing Derby

Presented by Iroquois National Wildlife Refuge and the Friends of Iroquois NWR, this year's youth fishing derby will be from **June 1 through June 7, 2021**, will be practiced northern pike style...more solitary, staying close to your own territory, and not gathering in a large group. How can you participate this year? Create and submit any form of original fish or fishing "art". Go fishing! Take a picture of you and your fish, you fishing, your creative fishing gear, or whatever other fun fishing related experience you have during this event. Complete as many activities as you can in the Let's Go Fishing Junior Ranger Activity Book (can be printed from our website or picked up from our Visitor Center). Submissions will need to be received no later than **June 11th**. For additional information, and required release agreements, visit https://www.fws.gov/refuge/iroquois/2021_fishing_derby.html.

Sunnking Electronics Dropoffs

Nearly 2,000 people registered for the May 1st Williamsville e-Recycling Collection, which is the maximum capacity our teams can safely serve at the location. Due to high demand, Sunnking has added additional event dates for WNY residents to responsibly recycle their devices [July 17th in West Seneca](#) (NYDDSO), [September 18th in Niagara Falls](#) (Fashion Outlet Mall) and [October 16th in Williamsville](#) (Eastern Hills Mall). Anyone still hoping to recycle their devices can register for e-Recycling Events at sunnking.com/events or use our drop-off site locator at sunnking.com/dropoff.

Buffalo Block Clubs: Prizes for Cleanups

Participating Buffalo Block Clubs who complete their neighborhood clean up and report their final results by **August 20, 2021** will receive a \$100 credit to Elber's Landscape Services OR a \$100 membership to the Tool Library. The Winning Anti-Litter City Campaign Slogan will win a \$200 credit and a Community Shredding event in their neighborhood! To sign up, contact Susan Attridge at sattridge@buffalony.gov for Let's Do This registration.

Northern Hardwood Conference

Save the dates **June 15-16** for an online event. Last day to register is June 8. "**Bridging Science and Management for the Future**" will give researchers, academicians, and forest managers from across the range a forum to learn, share, and discuss cutting edge science and innovative management practices to sustain healthy and productive northern hardwood forests. Look for details and registration [here](#).

2021 Erie County Fish Stocking Program

The annual sale of bass and minnows to assist landowners with managing fish in their ponds is open for orders. Orders are due by **July 12, 2021** with pick up July 24, 2021 at 10:00 am. [Order Form](#)

Messinger Woods Wildlife Rehabilitation Center Needs Volunteers

Messinger Woods runs a wildlife hospital from approximately June 1st until the middle to end of September, depending upon the animals in our care and how long they need to remain in the caging at our hospital. If you are able to commit to 4 hours once a week during this time, we would love to have you join us this season. If you are a student, we offer internship positions for college students and have worked with various colleges to provide verification of the experiences gained and hours worked. If your college offers credit hours for your internship experiences, we are happy to work with your advisors to provide the necessary verifications. <https://www.messingerwoods.org/volunteer-recruitment>.

Erie County Ambassador Program Needs You

Help create a healthier and more resilient Erie County by becoming a Climate Action Ambassador. The Climate Action Ambassador program encourages residents to have conversations and share input on how our community can be healthy, sustainable, and resilient. Through this program, Ambassadors will gain knowledge to engage with their communities on topics such as climate change, equity, renewable energy, clean transportation, and more to help develop an equity-centered climate action plan. If you are interested in becoming a Climate Action Ambassador please fill out [this sign-up form](#) to access our Climate Action Ambassador Toolkit and join discussions with others- being a Climate Action Ambassador is a flexible commitment. We ask that you try to host at least three meetings within your community to gain feedback on how Erie County can be healthy, sustainable, and resilient. These meetings can happen in any format that you deem appropriate for your community. If you have any questions or feedback, don't hesitate to reach out to the Erie County Sustainability Coordinator, [Tracy Skalski](#).

Youth Action Buffalo

Are you between the ages of 16 and 25 and do you want to be a changemaker? If yes, then this opportunity could be just the right fit. The advisory council for Youth Action Buffalo is an integral part of the Community Action Team (CAT) we are building in collaboration with Opportunity Youth United. Those who succeed in joining the council will become the core of the CAT Team, and will play a vital role in goal setting, planning, and implementing activities.

This is an opportunity to drive real, systemic change in your community: Through the council, young leaders will have an outlet to speak up and take direct action to produce solutions to the issues that they care about. Young leaders will also receive skills training in community organizing, leadership, advocacy, and much more - not to mention building lasting relationships. [Apply before August 1.](#)

Household Hazardous Waste Collections for 2021

The Erie County Department of Environment and Planning (ECDEP) will be holding its next free Household Hazardous collection event **October 9, 2021**. The registrations opens one month prior to the event. The reservation system has reduced wait times at the events, but please register early as there are limited openings. More details or the option to sign up for our email notifications can be found at www.Erie.gov/recycling or you can register by calling the HHW hotline at 716-858-6800. Erie County residents have the option of using the County's "Voucher Drop-off program" which enables residents to bring up to 50lbs. of eligible hazardous waste to the Hazman facility in Tonawanda at no cost. Again, preregistration for this service is required. For more information go to erie.gov/recycling or Hazman directly at 998-8073 or call 76-858-6800.

Niagara County will hold three household hazardous dropoff events in 2021 planned for August, September and October. As of May 1, households can get a voucher to drop off up to 50lbs at no fee. For more info or to check dates for registration for drop-offs, visit <https://www.rethinkyourwaste.com/>.

Bike Buffalo Niagara Regional Master Plan Adopted

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

WNY Shares Riverline Early Concept Designs

The Western New York Land Conservancy is fundraising for the Riverline, the proposed nature trail and greenway in downtown Buffalo. Early concept designs were recently shared at a presentation and you can view the recording [here](#). For more info on the project, visit theriverline.com.

Paddling Stewardship Program for NY State Canals Launched

The Erie Canalway National Heritage Corridor, along with the New York State Canal Corporation, has launched the [NYS Canalway Water Trail Stewardship Program](#) to help ensure the Erie, Cayuga-Seneca, Champlain, and Oswego canals are welcoming and safe for paddlers. Individuals, families, groups and organizations are invited to adopt a section of the 450-mile NYS Canalway Water Trail from May through October. To get involved in the program, sign up [here](#).

New York State Greenway Trails Plan and Map

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

Make Cigarette Butts Part of Your Spring Cleanup

Littered cigarette butts: besides the fact that they are ugly to look at and pollute, they are hazardous to our kids, pets, wildlife and gardens. Locally, data from the Great Lakes Watershed Cleanup conducted by Ocean Conservancy indicates that more than 300,000 cigarette butts (35.3% of all items recovered) were collected from the Great Lakes in 2019. That makes them the number one littered item in these precious bodies of fresh water as well. When left in the environment, littered cigarette butts leach toxic chemicals, such as arsenic (used to kill rats) and lead, that may be carried as runoff to drains and end up polluting our rivers and lakes right here in Western New York. Because cigarette butts are primarily made of plastic filters that don't biodegrade, the butts that aren't eaten by wildlife simply pile up on shorelines or at the bottom of bodies of water. It's time to kick butts out of our community! To find out how you can get involved, contact Jenna Brinkworth, Community Engagement Director of Tobacco-Free Roswell Park at 845-1615. Or visit <http://tobaccofreewny.com/>.

Regenerate NY Cost-Share Grants Available for Forest Landowners

Do you own between 10 and 1,000 acres of forest land and have an interest in improving your woods? DEC's Regenerate NY program provides cost-share grants to New York landowners looking to enhance forest regeneration on their property. Landowners who want to plant trees, control competing vegetation, restore a degraded forest stand, or exclude deer are encouraged to apply for project funding. To find out more about getting funding for your forest, please [visit DEC's website](#). Applicants will need to apply through [Grants Gateway](#). Private landowners are encouraged to team up with a [cooperating forester](#) who may provide application support. Check out the [Regenerate NY webpage](#) for more information.

Challenge Yourself with Hiking

Wilderness Weekends in WNY Presented by your very own ADK-NFC, 'WWinWNY' is a 25 hike challenge that has no time limit! Work your way through WNY using our Wilderness Weekends guide book, or visit [WW in WNY](#) for more

Drive-Thru Barbecue and Virtual Action to Benefit Reinstein Woods

Friends of Reinstein Woods invites the public to its Summer BBQ Fundraiser on **Saturday, July 17** from 3:30 p.m. to 6:30 p.m. This drive-thru, pre-order event will take place at Reinstein Woods, 93 Honorine Dr. Depew, NY 14043. Proceeds will benefit environmental education programs and stewardship projects at Reinstein Woods. Supporters can bid on a variety of nature-themed art, outdoor gear, experiences and themed baskets in a virtual auction with bidding open online at 9 a.m. on July 1 and ending at 9 p.m. on July 17, 2021. Similar to a silent auction, bidders can make offers as often as they like on as many items as they'd like during the two-week period. Starting June 1, 2021, patrons can buy their barbecue tickets and get a sneak peek at auction items by visiting <https://reinsteinwoods.betterworld.org/>. Each dinner from BW's Smoking Barrels BBQ includes a choice of entree, two sides, a roll and butter. Barbecue tickets are \$15 and will be on sale through July 7, 2021. Dinners are pre-order only. Tickets are also available by mail using the order form available at www.reinsteinwoods.org/BBQ.

Paws in the Park: Virtual Fundraiser, Real-life Dog Walking

As the SPCA's longest-running fundraiser, Paws in the Park is going virtual this year from **August 28-September 25!** Grab your sneakers and your favorite 4-legged companion, keep your distance, wear your mask, and join us from wherever you are located! Funds raised at Paws in the Park are critical for caring for the nearly 12,000 animals we see each year. Now more than ever we are asking participants to spread the word and help us raise the necessary funds needed to continue our mission! As a fundraiser, you will not only help our animals but you will be able to earn unique SPCA gear! [Register here!](#)

Watershed 101 for Local Towns

Buffalo Niagara Waterkeeper created two educational videos for the Lake Erie Watershed Protection Alliance (LEWPA). The *Watershed 101* videos (approximately 20 min each) were designed with supervisors and mayors in mind. They give an overview of watershed principles suitable for anyone in municipal or regional government. [These videos provide basic information about what a watershed is](#), how our actions affect our watershed, and what we can do to protect the health of our watershed. There's also information about local entities that provide related assistance.

Rochester Urban Nature Center Announced

A new \$5 million urban nature center proposal was announced as Rochester's mayor unveiled the city's official *Children's Outdoor Bill of Rights*. Rochester is part of the [Cities Connecting Children the Nature](#) initiative with the [National League of Cities](#). The goal of this program is to make nature accessible to all children in urban environments.

EPA Develops Food Stewardship Education Resources for the Faith Community

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

NYSERDA Green Jobs Green New York Energy Studies

Small businesses and not-for-profit organizations can receive an energy study to help them identify opportunities to make their buildings more energy efficient. The energy study is a valuable tool to understand how to reduce energy usage and costs in your facility, and it provides a "road map" to plan for improvements that can be made as budgets permit. It includes: A comprehensive walk through of the facility; site staff interviews; utility bill analysis; fuel neutral, unbiased evaluation of potential low-cost/no-cost and capital improvement energy efficiency upgrades; and a report that outlines potential energy and cost savings opportunities for your facility. Once the study is complete, you receive assistance in identifying potential utility incentives and low-cost financing options to help take the next steps toward implementing energy saving projects. Small businesses with 100 or fewer Full-Time Equivalent Employees (FTEs) company-wide or not-for-profit organizations of any size are eligible for the program. Effective January 1, 2021 through **June 30, 2021**, customers will be eligible for **100%** reimbursement of either the cost of their energy study or the installed measure costs, whichever is less. For more information call Michelle Wooddell at 1-888-338-0089 or email info@NYEnergyStudy.com.

Clean Energy Communities Program for Towns

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

New Math Text for College Humanities Students Developed Locally

Gerry Rising and Eileen Schoaff, two local math professors, retired from UB and Buffalo State College respectively, are among four co-authors of the new text for students of the humanities, *About Mathematics*, published by Linus Learning. The book includes plenty of math content: algebra, geometry and calculus, as well as applications ranging from personal finance and breaking codes to fractals, logistic growth, spherical geometry and the logical problems in Euclid's *Elements*. But its approach and goals uniquely serve this non-STEM audience, many of whom bring to math classrooms negative attitudes toward this subject. Those goals include making students comfortable with mathematical concepts and notation and — most important — leading them to include math as another tool in addressing their own life problems. A special feature of the text is its over one hundred QR Reader-accessed panels that allow the students to focus on concepts rather than computation and give them opportunities to explore interesting mathematical settings. For more information about the text, contact Gerry at insrisg@buffalo.edu.

Bike-Friendly Business Certification

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

EPA Relaunches Climate Indicators Website Showing Climate Change's Impact on Health

EPA is relaunching its [Climate Change Indicators in the United States](https://www.epa.gov/climate-indicators) website. This comprehensive resource presents compelling and clear evidence of changes to our climate reflected in rising temperatures, ocean acidity, sea level rise, river flooding, droughts, heat waves, and wildfires, among other indicators. The site also features an enhanced user experience with interactive data-exploration tools offering a closer look at graphs, maps, and figures, along with an overview of the importance of indicators and how climate change can affect human health and the environment.

New York Harmful Algal Blooms Notification and Reporting System for 2021

DEC is, once again, using an online Harmful Algal Blooms (HABs) map and reporting system to inform the public about HABs locations in New York. The reporting system features an interactive map updated daily with reports of HABs. DEC is asking the public and trained algal bloom samplers 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 [NYHABS](#). For more information about HABs, visit DEC's [Harmful Algal Blooms \(HABs\) webpage](#).

Love Our NY Lands!

DEC manages nearly 5 million acres of land, with close to 2,000 miles of trails that provide opportunities for multiple types of recreation for all ages and abilities to enjoy. The ['Love Our NY Lands' campaign](#) encourages visitors to practice responsible recreation without negatively impacting the natural beauty and resources of State lands. The campaign will implement a variety of multi-media and in-person strategies to promote Leave No Trace™ principles, hiker preparedness and safety, sustainable use, and responsible trip planning, as well as reinforce the role of DEC professionals who protect public lands and manage public access. Learn more about the [Love Our NY Lands campaign](#).

Take the 2021 I Bird NY Challenge!

The 2021 [I Bird NY](#) Challenges are now open for beginning and experienced birders. Two levels of challenges provide the opportunity to identify birds, learn about birdlife, and win birding equipment. Anyone 16 years of age and younger are eligible to take the [Beginner's Birding Challenge \(PDF\)](#) by identifying 10 common New York bird species and submit their challenge sheet to DEC. Experienced birders can take the I Bird NY [Experienced Birder Challenge \(PDF\)](#). Birders of any age must identify at least 10 different bird species found across New York State. All participants in this challenge will also receive a certificate of participation and be entered into a drawing for birding accessories.

Explore New Trails this Summer

Ready to run, cycle, roll, walk or paddle to new places this summer? There are two opportunities to take on a new challenge this summer! Explore the Erie Canal by paddling, rolling, cycling, walking or running by taking the [Canalway Challenge](#). Choose your distance goal - first mile, 15, 90, 180, or 360, and conquer all four regions of the Erie Canal and Canalway Challenge. If you are looking to explore the new [Empire State Trail](#), take the [Empire State Trail Virtual](#) Challenge this summer. Sign up individually, or create a team and choose one or all three of the legs. From New York City through the Hudson River Valley, west to Buffalo along the Erie Canal, and north to the Champlain Valley and Adirondacks, there are more ways to enjoy the sights and sounds of New York while staying active and healthy.

Probiotic Soap can Help Clean Rivers

Throughout much of the world, people use river water for laundry, drinking, bathing and cooking if there isn't running water at home. Using laundry soap can pollute that water, but a new kind of probiotic soap was designed to help clean the water instead. Partnering among a creative agency Fahrenheit DDB, Andea, a bottled water company, and a Peruvian startup called Cirsys resulted in a solution, a bar soap that contains microorganisms that can feed on the nutrients in the river, reducing pollution. The process can help clean both pollution from other laundry soap, and from sewage that also ends up in rivers. After a pilot project to test the soap, the partners now hope to convince soap manufacturers to incorporate the technology. [More info.](#)

Paint Product Stewardship Shifted to 2022

[New York Paint Stewardship Act](#) was the fifth product stewardship program established in NYS, after more than five years of persistent education and advocacy. The program, which will be managed by industry-run nonprofit [PaintCare](#), is expected to launch in early 2022 and will offer hundreds of conveniently located drop-off locations throughout the state. PaintCare is awaiting regulatory changes, exemptions or clarification from DEC to allow for oil-based paint collection at retailer sites and solid waste transfer stations, and to determine the rules under which paint will be transported from drop-off sites. Once these are resolved, PaintCare can begin the process to solicit paint transportation and recycling services, recruit retail drop-off sites, distribute contracts to Household Hazardous Waste programs, and calculate a costs and fee structure.

Climate Pledge Friendly: Amazon Helps Customers Identify Sustainable Products

The Green Electronics Council (GEC) is participating in Amazon's Climate Pledge Friendly, a new program to help make it easy for customers to discover and shop for more sustainable products. Customers will now see the Climate Pledge Friendly label when searching for more than 45,000 products to signify that the products have one or more of 19 different sustainability certifications that help preserve the natural world. For detailed information on the program qualification criteria and to start shopping for these products visit: [Amazon sustainable products.](#)

Online Course on Organic Farming Offered

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

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.

What Goes Where: Recycle Coach

Erie County residents can now use an application to provide information on recycling and trash pick up for their municipality. Towns will be adding more information to the site in the upcoming weeks, but it is designed to be a one-stop site to find out how and when to recycle in your town. **Download the App or [click here](#) to learn more!**

Living with Wildlife-Webinar Presentation by the Cary Institute

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

New Continuing Education Opportunity: Nature and Human Health

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

The Empire State Trail is Now Open!

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

Human Hair Makes Perovskite Solar Cells More Efficient

Using human hair collected from barbershops, Australian researchers have increased performance of perovskite solar cells, bringing them one step closer to commercialization. An alternative to silicon cells, perovskite solar cells can be produced from a low-cost synthetic material with no need for mining. They're also light and flexible, unlike silicon cells, which could make them useful for different applications, such as solar-powered tents or anywhere you need a bendable solar cell. Normally, these cells degrade quickly when exposed to water, UV light, and oxygen limiting their use. Human hair can be used to create a carbon nanodot solution which eliminates these limitations. For more info: <https://www.freethink.com/articles/perovskite-solar-cells>

Leave the Bunnies and the Baby Birds

In the spring and summer, you may [come across young wildlife](#) that appear to be abandoned. In an effort to reduce the spread of COVID-19, New Yorkers are spending more time at home than normal and seeing more young birds and other wildlife as a result. While some are learning survival from one or both parents, others normally receive little or no parental care. Often, wild animal parents stay away from their young when people are near. The young are left hidden in a safe place and the parent may be nearby. Because of their behavior, the most common species to be mistakenly "rescued" by humans are young fawns, cottontail rabbits, and fledgling birds. When people attempt to handle or raise wildlife, these well-meaning acts of kindness tend to have the opposite result. Many of the animals soon die despite their best efforts. Keeping wildlife in captivity is both illegal and harmful to the animal. Wild animals are not well-suited for life in captivity and may carry diseases that can be transferred to humans. However, when you encounter a young wild animal that is obviously injured or orphaned, call a [wildlife rehabilitator](#). All wildlife rehabilitators are trained volunteers licensed by DEC.

Is Your Congregation Cool?

Across the nation, Interfaith Power & Light and our state affiliates are helping congregations take action by lowering their emissions that contribute to climate change. Has your congregation done a project to reduce its carbon footprint? If so, you can help them become a Certified Cool Congregation. [Click here to find out more.](#)

Lead Pipes in your House? Get a Free Water Test

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

Detection Dogs Project Underway

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

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](#).

Help Track Spotted Lanternfly

[Spotted lanternfly \(SLF\)](#) is an invasive pest from Asia that feeds on a variety of plants including grapes, hops, and maple trees, posing a severe threat to NY forests and agriculture. SLF has been found in several locations in NY but has not yet spread to much of the state. One potential pathway for the spread of SLF is its preferred host plant, tree of heaven (TOH), which is already found in many locations across NY. Learn more about the insect [here](#). We are seeking volunteers like you to look for SLF and TOH in your area. You can help protect New York's agriculture and forests by knowing what to look for and how to report it to New York's official invasive species database, iMapInvasives. Visit the [NY iMapInvasives website](#) to learn about the project, and sign up for a grid square on the map to look for these species out in the field. Tune into webinars on **June 7th** to learn more-[Register online](#).

Use Local Firewood to Limit Invasives

With the start of the 2021 camping season underway, DEC officials are [encouraging campers to use local firewood](#) and follow New York State firewood regulation to help prevent the spread of invasive species. Untreated firewood - firewood that has not met the state's heat treatment standard - can contain invasive pests that kill trees. To protect New York's forests, untreated firewood should not be moved more than 50 miles from its source or origin. Many people take campfire wood from their backyards or neighborhoods as they head out to a favorite camping spot, not realizing the wood may be hiding the eggs, larvae, spores, adults, or even seeds of invasive threats. Hitching a ride on infested or infected firewood allows these pests to spread faster and farther than they could have on their own. A variety of invasive species can be transported on firewood, from wood boring beetles and defoliators to fungi and diseases. Quarantines for individual invasive species, such as [oak wilt](#) and the [Asian longhorned beetle](#), may further restrict the transport of firewood in specific areas. As quarantines are lifted, expanded, or tightened, the firewood regulation will continue to remain in place. For more information on [firewood and invasive insects](#) or to see [DEC's PSA](#), visit DEC's website or [email DEC's Forest Health team](#).

Reuse Action in Action: Source for Reusable Materials

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

Reinstein Woods Educator Reflects on Virtual Watershed Education

Mary Ronan with Reinstein Woods contributed a recent article to the North American Association for Environmental Education blog. She commented that they had planned to introduce students to their watershed through direct engagement, but were forced to pivot and face the challenge of changing students' relationship to water through a computer screen. She describes her experience working with elementary students at both Maryvale Intermediate in Cheektowaga and the Learning Together Changing Lives Program in Buffalo. Both 21st Century Community Learning Centers (CCLC) sites transitioned to virtual programming this year. Reinstein Woods' educator Daniel Mlodozienec took the students on virtual field trips through his weekly excursions. Read about the experience and student comments at <https://naaee.org/eeepro/blog/stepping-outside>.

NE Regional Invasive Species and Climate Change Symposium Resources

View the 2021 Northeast Regional Invasive Species and Climate Change (RISCC) Network symposium [infographic](#) to access recordings and read the symposium report.

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.

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

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

Watch “Our Gorgonosa”: Mozambique Project for Elephants and People

Gorongosa National Park in Mozambique has become one of the most celebrated wildlife restoration stories in Africa. After a quarter century of civil war and political turmoil wiped out more than 95% of the large mammal population, a decade of renewed protection and careful conservation has brought the park back from the brink. In the film “ Our Gorgonosa”, Dominique Gonçalves, a vibrant Mozambican ecologist who runs the Gorongosa elephant ecology project, shares the myriad ways Gorongosa is redefining the identity and purpose of an African national park. She leads viewers on an eye-opening journey that will transform their understanding of what a national park can be. [film](#)

Tulip Wind Turbines add Eco-art to the Landscape

A company in the Netherlands is producing 'wind tulips' to make clean energy production less of an eyesore. View a video of their product [here](#).

Starting from scratch, researchers have built a battery with proteins instead of lithium

A new biological battery is metal-free, it degrades on demand for recycling solving many of the ethical and environmental problems that plague lithium-ion batteries. The new battery performs about one-third as well as a Li-ion battery, but its performance matches other metal-free batteries that have been made before using organic plastics. The issue with those organic batteries is that they are also difficult to recycle. This is a first step, of course, but such a degradable polypeptide-based battery could address the need for green, sustainable batteries in a future circular economy. Read [more](#).

More Advances in Lithium-Ion Batteries

Researchers at Harvard University’s School of Engineering and Applied Science have discovered what is being referred to as the “holy grail” of battery breakthroughs, solving a 40-year quest for a fast-charging, long-lasting electric vehicle battery. The newly developed lithium-metal batteries are capable of holding substantially more energy and charging in a fraction of the time compared to traditional lithium-ion batteries. The new battery can be charged and used at least 10,000 times while also increasing range and charging speed. These lithium-metal solid-state batteries could be competitive with commercial lithium-ion batteries. [More info](#).

Personal Plastics Calculator

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

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

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

Pollinators Under Pressure

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

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

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

Erie County Launches Farmer-Customer Website

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

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.

WNY Land Conservancy Wildway Plan

The 201-acre oak forest for sale in Cattaraugus County comes with rare American chestnut trees, native orchids, black bears and bobcats. It's just the kind of natural place to gain attention from the Western New York Land Conservancy, which has prevented forests, wetlands and farmland from being sold or subdivided since its founding in 1991 and wants to buy and preserve the forest it calls the Allegany Wildlands, opening the land to the public. But this project is part of a larger effort the conservancy has just begun talking about as a way to respond to the loss of wildlife and biodiversity and climate dangers. The strategy aims to create a system of connected and protected forests from Pennsylvania to the Great Lakes and the Finger Lakes, from Western New York to the Adirondacks, providing a corridor for wildlife to move back and forth. For more info, read [article](#).

Citizen Science Project Lets You Fight Deforestation from your Couch

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

Food Scraps Become Building Materials

The University of Tokyo scientists have developed a new method to reduce food waste by recycling discarded fruit and vegetable scraps into robust construction materials. Instead of the unsustainable practice of tossing billions of pounds of food waste away, the materials can be vacuum-dried and pulverized into a powder that can be molded at high temperature into strong construction materials. The new, robust materials retained their edible nature, and the addition of salt or sugar improved their taste without reducing their strength. Furthermore, the durable products resisted rot, fungi, and insects, and experienced no appreciable changes in appearance or taste after exposure to air for four months. For more info, see <https://www.iis.u-tokyo.ac.jp/en/news/3567/>

Alternative to Soy and Deforestation to Feed Livestock

[Deep Branch](#), a UK-based startup aims to cut the environmental footprint of agriculture by creating animal feed made out of CO₂. Their effort aims to not only capture some carbon that would otherwise go into our atmosphere but also to provide a sustainable alternative to soy-based feedstock often linked to deforestation. Deep Branch's method involves feeding carbon and hydrogen to a microorganism in a fermentation process similar to what you would see in a brewery. However, instead of beer, the output is a high-value protein that can be dried and converted into animal feed. The protein created by Deep Branch holds great potential to provide such an alternative as it relies on recycling CO₂ from industrial emitters, without requiring land and other natural resources to produce it. Read [more](#).

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

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

Geocaching: Have Fun and Make a Difference

If you don't know anything about geocaching, it's a treasure-hunting game that uses GPS-enabled devices to find caches other players have hidden. Caches could be a small container, like a film canister; as large as a trash can; or something tricky, like a fake rock with a hidden compartment. Inside each cache, there's a logbook so players can log their finds and often choose some small, fun thing to take away. However, players are expected to leave something of equal or greater value, so the next seeker isn't disappointed. To celebrate the 20th anniversary of geocaching, players will be doing something different this year by logging a locationless cache that in some way improves the environment. To participate, Geocaching HQ asks people to do something like clean up a walking path, plant trees or help a community group remove invasive species in a park. Players need to log at least one photo of themselves or a personal item with the results of the outdoor improvement and say where the activity took place. More images and stellar storytelling are encouraged. The locationless cache initiative is available for [logging now](#) through **December 31, 2021**. Players will earn the Locationless Cache icon plus a special souvenir on their Geocaching profiles.

Heirloom Seed Saving

Want to learn how to save different types of seeds? View the [video](#) from the WNY Seed Library and join the movement.

Lake Ontario 2018-2022 Lakewide Action and Management Plan Finalized

The governments of Canada and the United States have finalized a [2018-2022 Lake Ontario Lakewide Action and Management Plan](#) (LAMP), an ecosystem-based strategy for restoring and protecting the water quality of Lake Ontario and the connecting St. Lawrence and Niagara Rivers. The LAMP for Lake Ontario identifies key priorities for the lake and connecting rivers, including: nutrient and bacterial-related impacts; loss of habitat and native species; aquatic invasive species and critical and emerging chemical contaminants. For more info, visit: <https://binational.net/2021/03/16/on-final2018-2022acplan/>

Online Birding Tools: Learn more about our Feathered Friends

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

Climate Change Solutions Simulator

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

Role of Natural Climate Solutions in Corporate Climate Commitments

An investor brief has been developed by Ceres and partners to provide asset owners and managers with guidance for engaging portfolio companies on the use of natural climate solutions (NCS) in their climate commitments. It addresses key areas of controversy and confusion around companies' carbon offsetting plans. Access [here](#).

Forest Service Assessment on Invasive Species

USDA Forest Service scientists have delivered a new comprehensive assessment of the invasive species that confront America's forests and grasslands, from new arrivals to some that invaded so long ago that people are surprised to learn they are invasive. The assessment, titled "Invasive Species in Forests and Rangelands of the United States: A Comprehensive Science Synthesis for the United States Forest Sector," serves as a one-stop resource for land managers looking for information on invasive species already affecting the landscape, those that may threaten the landscape, and what is known about control of invasive species. [Read More](#).

Women Owning Woodlands

The Women Owning Woodlands web project strives to bring topical, accessible, and current forestry information to woodland owners and forest practitioners through news articles, blogs, events, resources, and personal stories. We support women in forest leadership, women who manage their own woodlands, and all who facilitate the stewardship of forests. [More info](#).

Biodegradable Plastic Made from Fish Waste

A new bioplastic has been created by a team at Canada's Memorial University of Newfoundland. They started with the heads, bones, skin and guts of farmed Atlantic salmon, after the fish had been filleted for seafood sales. Usually, such remains would either be composted or simply thrown away. The scientists proceeded to extract fish oil from the waste, then added oxygen to that oil in order to create epoxide molecules, which are similar to those found in epoxy resin. Carbon dioxide was then used to link those molecules together, with some help from cashew-shell-derived nitrogen-containing compounds known as amines. The resulting bioplastic was shown to start biodegrading soon after being immersed in water to which the enzyme lipase had been added. Read [more](#).

Climate Change and Birds

Audubon has created a [Birds and Climate Visualizer](#) that actually shows how birds are faring and the impact of climate change in specific regions across the country. For example, the Rusty Blackbird, much like the little blackbird in [A Kindness Remembered](#), is now vulnerable to climate change. But climate change not only threatens birds, it impacts our entire biosphere. Calling on elected officials to make decisions and pass laws that will help slow down climate change is one way to improve the ecosystems for birds and humans alike, but so are celebration and education.

Soil Moisture Data from NASA Available Via New Tool

[Crop Condition and Soil Moisture Analytics](#) is a new tool developed by USDA National Agricultural Statistics Service in collaboration with NASA and George Mason University. The tool maps soil moisture, providing farmers and ranchers with free access to high-resolution data that can help plan spring planting, track damage after disasters, monitor crop health, and more.

Don't Tread Lightly: Make Energy from Your Floor

A new method to generate electricity from wood could power a building's lights and displays by harvesting energy from occupants' steps. The low-cost, eco-friendly process reported in the journal [*Science Advances*](#) uses fungus to rot wood and make it springy, so it can produce power when squeezed. Wood has been known for decades to be piezoelectric, generating electric power when mechanically deformed. Researchers use a white rot fungus to decompose the lignin and the hemicellulose in the wood, reducing its weight by almost half after about six weeks and creating a spongy wood. A dice-sized cube of the spongy wood produced a voltage of 0.87V, enough power for a small sensor, when squished repeatedly 500 times. Applying this process to larger pieces of flooring would generate usable amounts of power.

Recycle Right Website Launches

Learn more about recycling in New York with the new website: <https://recyclerightny.org/>. Resources and info on how to recycle and where you can recycle are shared. Funding opportunities for recycling programs and ideas are also listed.

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.

National Park Foundation's Every Kid Outdoors Initiative

This initiative provides an opportunity for fourth and fifth graders nationwide to experience federal parks, forests, and recreation areas in person throughout the school year. Families will have access to their own Every Kid Outdoors pass to provide free access to national parks as well. Good until the end of August 2021. Print out a paper voucher from the [Every Kid Outdoors website](#). Teachers or adults who engage fourth and fifth graders through a youth-serving organization can print paper passes and find activities and lesson plans [here](#)

Teacher's and Home-Schooling Resources

[Our Beautiful Planet](#) is a series of compelling 5-7 minute science films highlighting the cutting-edge research that climate scientists are doing to solve some of the world's most pressing issues.

[Fall Semester of Service Grants](#) of \$1,000 – \$5,000 each to support K-12 educators to engage their students in semester-long service-learning activities within their classrooms or afterschool programs. Grants are offered on a competitive application basis and open to any public, private, or charter K-12 school in the United States. Grantees will use YSA's Semester of Service framework (Semester of Service Toolkit and accompanying resources available below) to engage their students in service or service-learning projects lasting at least 10-14 weeks (and approximately 70 hours) during the fall 2021 semester.

[The Great Garden Detective Adventure](#) - eleven-lesson curriculum for 3rd and 4th grades includes bulletin board materials, veggie dice, fruit and vegetable flash cards, and ten issues of Garden Detective News for parents/caregivers.

[Using Origami to teach about Endangered Animals](#)-Ideas for creating curriculum using origami (folder paper art).

[EcoRise's Introduction to Environmental Justice lessons](#) - foundation for students' understanding of environmental justice (EJ) history and concepts for elementary, middle, and high school students.

[The Eco-Documentary, KISS THE GROUND: FOR SCHOOLS, available](#). NSTA and KISS THE GROUND: FOR SCHOOLS have partnered to bring new, science-based lesson plans and resources to K-12 teachers nationwide. The new, classroom-ready materials build key science skills while exploring the importance of regeneration and environmental health topics.

[Greening STEM Activities, Lessons and Curricula](#)- Grade 1 through high school.

<https://www.nsta.org/playlist/daily-do-natural-resources-water> Daily educational lesson plans

<https://naaee.org/eepro/resources/drawing-comics-about-nature-danica> viewers learn about storytelling elements in comics. Danica Novgorodoff begins by prompting viewers to think about a place in nature that is special, an experience in nature that was amazing, and third, an experience in nature that was scary. With these three prompts, viewers join Danica Novgorodoff in creating a five panel comic story.

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

[Outdoor Education Collective](#)-Lessons, videos, curriculum.

[Buffalo Niagara Waterkeeper School Programs](#)- programming and resources for Western New York educators. We strive to provide opportunities for youth to learn about local freshwater ecosystems, local environmental justice issues, and civic engagement skills to cultivate the next generation of environmental scientists, stewards, and advocates. There are lots of lessons and resources available for teachers that are very WNY focused.

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

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

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

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

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

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

[Additional resources](#)

Contests and Awards

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

[2021 Erie Canalway Photo Contest](#)- Share your view of the places and unique scenes you love along the waterway for the 2021 Erie Canalway Photo Contest. Winning images will be published in the 2022 Erie Canalway Calendar. Digital forms and submissions make it easier than ever to participate. Deadline: **August 27, 2021**.

Grant and Scholarship Opportunities

[Chrysalis Fund Grant](#)-The Chrysalis Fund 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. Deadline: **June 1**.

[NOAA Planet Stewards Educator Grants](#)-Are you an educator looking to initiate action in your school or community to address pressing environmental issues? Would \$5,000 help you to realize your goals? NOAA Planet Stewards is NOW accepting proposals from formal and informal educators working with elementary through university aged students to support projects - up to \$5000 - to implement stewardship action projects that make a measurable impact in their school and/or community. Projects must focus on one of the following areas: marine debris, habitat conservation and restoration, carbon footprint reduction, or carbon sequestration. Deadline: **June 6**.

[LIISC WNY and General Motors Small Business Grant](#), aimed at scaling up business growth in our region for Black-owned businesses that are under-capitalized, but well positioned for growth. Deadline: **June 7, 2021 at 11:59 p.m. EST**.

[On-Farm Conservation Innovation Grants](#)- U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) has \$25 million in funding to advance e adoption and evaluation of innovative conservation practices on agricultural lands. CIGs are designed to support collaboration between NRCS and partners to implement on-the-ground conservation activities and evaluate their impacts. Participating farmers and ranchers receive payments to offset the risk and investments for testing out new conservation approaches. Deadline: **June 21, 2021**.

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

[Environmental Justice Community Impact Grants](#) - NYSDEC announced the availability of \$4.1M in Environmental Justice Community Impact Grant funding for not-for-profit corporation (NFP) community-based organizations, for projects that address exposure of communities to multiple environmental harms and risks. Deadline: **July 1, 2021**.

[Great Lakes Restoration Initiative \(GLRI\) Grant Program](#)- funds will be available for reforestation, ecosystem restoration and forest health improvement in the Great Lakes Basin. Deadline: **6 p.m. Eastern on July 8**.

[Consolidated Funding Application \(CFA\)](#)- Opportunity includes a wide range of funding including: DEC's Division of Water Quality Improvement Projects (WQIP), Climate Smart Communities and Non-Agricultural Nonpoint Source Planning and MS4 Mapping Grant (NPG). Deadline: **July 30, 2021**.

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

[The 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 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 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.**

[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.**

[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 4Good Grants](#)- Projects that are needed and will help contribute to the long- term sustainability of the community. **Deadline: Rolling.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Staying Bothered Foundation](#)-grants to nonprofits that have shown transformative leadership in the areas of education, mental wellness, and gender equity. 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. **Deadline: Rolling.**

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

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

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

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

Employment and Internship Opportunities

[Riverline Director](#)- The Riverline Director will lead the planning and implementation of The Riverline, a planned iconic, innovative, and inspiring nature trail and greenway in central Buffalo along the Buffalo River, embedded in the Old First Ward, Perry, and Valley neighborhoods. This WNY Land Conservancy job is an opportunity to be a part of Buffalo's waterfront and community revitalization. Applications accepted until **June 30**.

[Community Energy Project Coordinator](#)- coordinator for the Erie County Low Income Program for Sustainable Energy (ECLIPSE). ECLIPSE will create a community energy program to provide integrated energy services for Low- to Moderate-Income (LMI) households. Erie County Dept. Environment and Planning.

[Chief Curator at Roger Tory Peterson Institute](#)-open until filled.

[Animal Care Assistant Manager](#)-Erie County SPCA, full-time

[Admissions/Adoption Counselor](#)- Erie County SPCA. Part-time, 20 hrs per week.

[Exhibit Technician](#)-Buffalo Science Museum. supports the exhibits team in ensuring exhibits, systems, and signs are always in excellent condition. Additionally, this position will increase the capacity of the department in producing effective exhibits, interactives, and signage.

[Public Programs Coordinator](#)-responsible for implementing public and community-based programming that meets the needs of our community to advance the Buffalo Museum of Science as a key learning and educational resource across our region. Through community engagement and public programs, this position will deepen engagement, uplift community voice, and champion the Buffalo Museum of Science as a vital and relevant community-focused museum.

[Tift Nature Center Guest Experience and Program Assistant](#)-This staff member is an outgoing and knowledgeable communicator responsible for engaging with visitors to Tift Nature Preserve to elevate the overall visitor experience and serving as the primary telephone service provider to callers on weekends. Under the guidance and supervision of the Tift Program Manager, the Tift Guest Experience and Program Assistant position will rotate through many tasks, including greeting guests as they enter the Herb and Jane Darling Environmental Education Center, being a source of information for guests and callers, monitoring capacity of the Center, cleaning and sanitizing of spaces to maintain a safe and welcoming environment, and assisting with development, preparations, and facilitation of programs as necessary.

[Animal Keeper I](#)-Buffalo Zoo.

[Youth Programs Coordinator Job Description](#) www.ProvidenceFarmCollective.org Providence Farm Collective (PFC) is a non-profit organization established in 2019 with a vision of empowering just and equitable access to food and farmland! PFC provides underserved communities and individuals in Western New York with land to farm; business and farming education; affordable fresh produce; a place to share cultural farming traditions and the social, emotional and health benefits of nature. Summer Youth Internship Programs In partnership with the Buffalo Urban League/Erie County Summer Youth Employment Program (ages 14- 20) and Mayor Brown's Summer Youth Internship Program (ages 14-21), PFC teens have the opportunity to develop leadership and communication skills on various projects, while also serving their communities. Students are supported in their application for participation. Teens participate in farm to table responsibilities in the food system and tutoring responsibilities to promote the learning of younger siblings over summer.

[Education Assistants](#)-Buffalo Zoo, seasonal part-time. Education Assistants will rotate through a variety of locations within the Zoo, interacting with guests in fun, educational experiences. These experiences include interpretive talks in front of animal habitats and public encounters with education animal ambassadors (reptiles, insects, birds, and small mammals), Delta Sonic Heritage Farm animal contact areas, a new goat interactive experience, other engaging presentations, and education projects.

[Farm Crew](#)- Providence Farm non-profit.

[Markets Manager](#)- Providence Farm non-profit.

[Educator 1 at Aquarium of Niagara](#)- 2 positions.

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

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

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

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

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

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

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

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

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

[Asha Farm Sanctuary Interns](#)- Asha's Farm Sanctuary provides a hands-on learning experience for students enrolled in colleges, universities and trade schools.

Citizen Science

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

[Water Assessment by Volunteer Evaluators \(WAVE\)](#) -- citizen scientists are asked to collect biological data that will be used to assess water quality. To take part: Get Trained -- great news -- training is online! Sign the WAVE Waiver, Get Equipment -- gather a kick net and a sample vial to collect a WAVE sample. The WAVE Equipment Loan Program has a limited number of sets available.

[Global Earth Challenge](#)-Collecting data from multiple citizen science projects. See how you can be involved.

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

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

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

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

[Other Citizen Science Programs](#)

Upcoming Community Activities:

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

Monday, May 31

Slow Roll Buffalo- 6:30 pm EDT, Liberty Hound, RSVP [online](#).

Tuesday, June 1

History of the West Valley Nuclear Waste Site Part 1 & Action Needed in 2021-6 to 7:30pm. Join us for a series of workshops to learn about the West Valley NY Nuclear Waste Site. Help stop invisible but dangerous and long lasting radioactivity from getting into our air, water, soil, food and environment. Hear from experts who have tracked this site for decades on the history of what is there, how dangerous it is, and what can be done today.

Learn more and register for Part I: <https://bit.ly/2RPnYTB>

Spring 2021 Virtual IMAGINE Series- 12:30 to 1pm. Speaker Schedule at spring-2021-schedule/. Web link for all IMAGINE programs. <https://us02web.zoom.us/j/85839766406>, most Tuesdays.

Annual Tuesday Evening Stress Reducer Paddle-6:00 pm - 8:30 pm. This is Path, Peaks and Paddles 17th year enjoying our Tuesday Evening STRESS Reducer Paddle on Ellicott Creek! Come join the guides and instructors of PPP 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. 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, June 2

Wild Wednesday-1pm. Together, kids and their parents or caregivers can enjoy a fun hour-long outdoor activity. For children in grades K-5. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Planting at MLK Park with BWELL-5:30pm-6:30pm. Join the Buffalo Women of Environmental Learning and Leadership (BWELL) to plant the native species from our propagation workshop with the Buffalo Olmsted Parks Conservancy! Martin Luther King Park Greenhouse. Please register [HERE](#)

Climate Change Tree Atlas: New Data and New Opportunities in Version 4- 12:30 PM. Join Northern Research Station Ecologist Steve Matthews as he presents the latest version of the Climate Change Atlas and walks through several examples. Explore the latest version of the [Climate Change Tree Atlas](#). Learn about the updated models, potential changes in habitat suitability, possible migration potentials, and regional analyses. Sessions are part presentation, part discussion and Q&A. [No registration required. On June 2 at 12:30 pm, click here to launch.](#)

Thursday, June 3

Garden Talk: Playing in the Dirt-12noon. [Genesee County Master Gardeners](#) [Register for this talk here.](#) Master Gardener events will be posted on the [Cornell Cooperative Extension Genesee County website](#) and on their [Facebook page.](#)

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

'Wu Wei: Understanding China through an Environmental Education Teaching Experience in Eastern China'—7 to 8pm. A presentation by Stephen Gareau, Professor of Computer Information Systems at SUNY Buffalo State. During the summers of 2017, 2018, and 2019, two local professors traveled to eastern China to teach undergraduate courses to Chinese students—one professor teaching an environmental science course, and the other professor teaching a course in database concepts. During their time there, the professors learned a great deal about the educational, environmental, and general societal norms, practices, and conditions in China. This presentation will provide a glimpse into modern China—aspects that seem progressive and aspects that seem regressive, in their educational system, in the environment, and in society as a whole. Of particular concern is the looming emergence of the world's first, fully-functioning digital surveillance state. [zoom link](#) This is the monthly session of the WNY Drilling Defense/Environmental Justice Taskforce.

Friday, June 4

What's Bugging You First Fridays: A better lawn without pesticides-12 to 12:30pm. IPM Minute: Avoiding the sting: inspections to locate and remove wasp nests. See [details and registration information here](#) or call CCE Chautauqua at 716-664-9502.

Climate Neutrality Series: Engaging Leadership -1 to 2:30pm webinar. Series focuses on overcoming roadblocks to achieve climate neutrality and educational and non-profit institutions. [Register.](#)

2021 Great Lakes Climate Modeling Workshop Summary Webinar-11:00a to 12:00pm, [Click this link to register](#) The Climate Change Impacts Annex (Annex 9) of the Great Lakes Water Quality Agreement will be hosting its quarterly informational webinar and extended subcommittee meeting. The Great Lakes Integrated Sciences and Assessments (GLISA), will present the results from the 2021 Climate Modeling Experts Workshop. Learn from GLISA's Laura Briley, Climatologist, and Dr. Jenna Jorns, Program Manager, who will walk us through the workshop and some of the key findings, share your feedback and discuss next steps. The presentation will be immediately followed with the regular business meeting and updates on progress from the Annex 9 at 12:00P.

Fryday Fishing-Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 10 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. [Register and info on the location for the week.](#)

Saturday, June 5

National Trails Day-Length of the Gorge-9 am to 4pm at [Niagara Falls State Park](#). Enjoy National Trails Day along the beautiful Niagara Gorge as we hike rim and gorge trails from the mouth of the gorge at Artpark to the American Falls! *For information and registration call (716) 282-5154.*

World Environmental Day Beach Cleanup-10am to noon. [Woodlawn Beach State Park](#). Beat Plastic Pollution and help us clean Woodlawn Beach after a stormy winter during this annual event which promotes action for the protection of the environment! *For information and registration call (716) 549-1050.*

Volunteers for North Tonawanda Botanical Garden Workday- [North Tonawanda Botanical Garden](#), 1825 Sweeney St., North Tonawanda. 9 a.m. to noon (unless there are thunderstorms). For more information, contact (716) 692-0237 or ntbgo@hotmail.com.

Plant Sale Fundraiser-10am to 4pm at 2489 Whitehaven Rd., Grand Island with native plants from the Plantsmen Nursery. Funds go to Citizen Coalition for Wildlife and Environment.

The Niagara Frontier Botanical Society Native Plant Sale-9 a.m. to noon in the outdoor pavillion at Randall Baptist Church, 6301 Main St., Williamsville. There will be native plants from Niagara Frontier Botanical Society's members' gardens, along with garden plants. Donations of native plants, garden, ornamental and house plants, herbaceous or woody, will be accepted onsite from 8- 9 am the day of the sale. Donations of botany or nature-themed books will also be accepted and on sale. here is plenty of parking, outdoor space and restrooms. Please bring your mask.

Birding at Allenberg Bog- 9AM to 11AM. Allenberg Bog Nature Preserve Join Audubon Naturalist Tom Kerr at Bualo Audubon's best kept secret, the Allenberg Bog! We'll hike through the dierent habitats leading into the bog looking for nesting Canada Warblers and other birds that rely on this unique and special habitat. \$10 Non-Members/\$8 BAS Members. Register: <https://www.bualoaudubon.org/for-the-public.html>

Beaver Meadow Perimeter Walk- 4PM to 6PM. Beaver Meadow Audubon Preserve Travel the outer trails of Beaver Meadow with ANP guide, Brian Deck. The talks will focus on the flora, fauna, history and environment around us. Anything interesting and appropriate is fair game to talk about. Hikes may be on uneven or slippery ground. Please dress for the weather, wear appropriate footwear and bring a snack and drink to eat on the trail if you'd like. \$10 Non-Members/\$8 BAS Members. Register: <https://www.bualoaudubon.org/for-the-public.html>

Earth Day and Dare to Repair Café- The Dare to Repair Cafe will be from 10:00am-1:00pm at Island Park (5577 Main St, Williamsville, NY 14221) and you must [register for this in advance](#).

Forest Bathing- 1pm at Beaver Meadow Audubon Center, North Java. [Register](#) is a translation of *Shinrin-Yoku*, a Japanese therapeutic practice of nature immersion. Science confirms that “taking in the forest atmosphere” on a regular basis is beneficial in numerous ways to human physiological health and psychological well-being. In turn, indigenous wisdom teaches that cultivating relationships with “all our kin” in the natural world supports their health and can relieve stresses they are experiencing currently. During this walk, your guide will offer invitations to slow our pace, set aside our “devices” and rest the “thinking” mind as we introduce ourselves to a small area of Beaver Meadow near Kettle Pond and its more-than-human inhabitants. We’ll exercise our senses (there are more than five!) and engage with the “wood-wide-web,” stopping along the way to share with each other what we’re noticing. Meet in the main parking lot by the flagpole on Welch Rd.

Buffalo Bonsai Society Show- 10am to 5pm. Gullo’s Nursery, 4767 Southwestern Blvd., Hamburg. The show will include demonstrations, an Ikebana display and bonsai vendors. [Buffalo Bonsai Society](#)

Field Trip: Chestnut Ridge County Park- 8:00AM. This is a half-day field trip. Meet at the Eternal Flame parking lot, just north of the junction of Chestnut Ridge Road and Boston Ridge Road. Leaders are Christopher Bertola and Joe Fell (jfell2000@gmail.com / 716-239-1508). Christopher will be targeting park specialties such as Louisiana Waterthrush, Hooded Warbler and Acadian Flycatcher, while Joe will provide identification features of tree species and plant communities. Did you know that when looking for Acadian Flycatcher, you need to find Hemlock stands?

Walking down Grant Street Workshop- 10am to 1pm. Join us to review three design options for the Grant Street Corridor to help us build a vision! The workshops will be held at Campus Walk at 643 Grant Street. For more information about the project, please visit our [project website](#).

Sunday, June 6

Underwater Monsters of the Arboretum Pond- 1PM to 2:30PM – Beaver Meadow Audubon Center Join ANP guide extraordinaire, Wayne Gall to explore the pond at Beaver Meadow’s Arboretum. Participants will catch aquatic creatures from the pond for up close viewing. Discussions will focus on identifying characteristics and the natural history of the inhabitants. \$10 Non-Members/\$8 BAS Members. Register: <https://www.bu-aloaudubon.org/for-the-public.html>

Launch and Learn- 1 to 2pm. Meet WNY PRISM Boat Stewards at any of our launches to learn more about your favorite places to recreate and how the program helps protect our waters. You can also take the Clean, Drain, Dry Pledge to commit to helping keep your launches clean and healthy. For information about our Watercraft Inspection Stewardship Program, visit [our website](#).

Seneca Bluffs "Walk and Talk"- 6:30 to 8pm. Join WNY PRISM and Erie County Department of Environment and Planning for an educational “Walk and Talk” at Seneca Bluffs Natural Habitat Park, one of the Buffalo River’s most dynamic preserves. WNY PRISM Coordinator, Andrea Locke will walk you through the early stages of the restoration project that focused on Japanese knotweed removal, discuss the current invasive species threatening the preserve and look at the native plantings that have taken place over the past couple years.

NY Invasive Species Awareness Week Kickoff - 2 to 2:30pm and 7 to 7:30pm. Follow your local PRISM and [NYS DEC](#) on Facebook to tune into NYISAW’s Kick-off presentation! This event will offer information on the many statewide events and opportunities happening during New York’s eighth annual celebration of Invasive Species Awareness Week. Subscribe to WNY PRISM’s YouTube channel [here](#) to watch the presentation and stay up to date on all of our other resources.

Buffalo Bonsai Society Show- 10am to 5pm. Gullo's Nursery, 4767 Southwestern Blvd., Hamburg. The show will include demonstrations, an Ikebana display and bonsai vendors. [Buffalo Bonsai Society](#)

Monday, June 7

Slow Roll Buffalo- 6:30 pm EDT, Olivencia Center, RSVP [online](#).

Schoellkopf Power Station Trail & 65th Anniversary of the Schoellkopf Disaster- 6 to 8:30pm. [Niagara Falls State Park](#). Learn about the Schoellkopf Power Station on the anniversary of its demise. We will see first-hand what remains of this former complex. After, hike out along the trail or exit the gorge via the elevator. *For information and registration call (716) 282-5154.*

Tuesday, June 8

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

Annual Tuesday Evening Stress Reducer Paddle-6:00 pm - 8:30 pm. This is Path, Peaks and Paddles 17th year enjoying our Tuesday Evening STRESS Reducer Paddle on Ellicott Creek! Come join the guides and instructors of PPP 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. 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.

Environmental Benefits Calculators: How they Work & How they Can Help - 2 pm. Join NERC and NEWMOA for a comprehensive webinar highlighting environmental benefits calculators demonstrating the climate change value of source reduction, reuse and recycling. Featured calculators include: WARM, ReCon, ReFed and others. [Register here](#)

Webinar: Creating Systems Change for Nature in the Decade on Ecosystem Restoration-12pm ET. At its core, the transformation to a nature-positive world will be about systems change—something sustainability professionals are well positioned to deliver on. Join ISSP for a technical panel discussion on how systemic processes in government, youth and social activism, and business can align with the United Nations Decade on Ecosystem restoration, ultimately moving economic and social systems toward nature preservation. [Register](#)

Weaving with Weeds-10am. Weave a mat from the invasive *Phragmites* (common reed) plant. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Weaving with Weeds -6:30pm. Weave a mat from the invasive *Phragmites* (common reed) plant. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Digital Townhall: Freedom to Vote -7pm. Join with organizations in the environmental community regarding this legislation and how you can support this important movement. [Register](#).

Webinar: NOFA-NH "Feeding the Family" Organic Gardening Series- 6:00 pm - 8:00 pm EST. Are you tending a garden for the first time, or have you been growing for many years now? NOFA New Hampshire's "Feeding the Family" Organic Gardening Workshop Series with organic farmer Ron Christie offers tips for new and experienced gardeners seeking to feed themselves and their families. [Register here](#).

Groundwater Scarcity: Implications for U.S. Agricultural Production and Global Food Security-3 to 5:30pm webinar. The World Bank estimates that more than a third of the world's food is produced on irrigated agricultural land and that the source of approximately 40% of the water used for irrigation globally is groundwater. Alarming, satellite data and other monitoring tools show that groundwater supplies in many of the world's key agricultural regions are shrinking at a time when global food needs are increasing. [Register](#).

Wednesday, June 9

Climate-Friendly Investing & Banking-4pm webinar. We know you support the environment, but is your money doing the same? Your investments and bank accounts may be currently supporting the fossil fuel industry – even if you didn't intend to use them that way! To address the climate crisis with the urgency it deserves, it is essential that we each invest and save our money in ways that support climate change solutions rather than dirty energy infrastructure. In our June webcast, our expert panel will teach you how to get started with fossil fuel-free investing; share the benefits of banking with a not-for-profit, financial services cooperative like Clean Energy Credit Union; and explain how you can leverage the resources on Green America's website to ensure that your money is working for both you and the planet. [Register.](#)

Invasive Species and Pollinators Webinar-6:00-7:00 PM. WNY PRISM Coordinator, Andrea Locke will present on the relationship between invasive species, pollinators, and the restoration of healthy landscapes. She will cover the impacts invasive species have on native pollinators, why diverse native plant communities are necessary, how their work to manage invasive species supports both native pollinators and native plant communities, and of course, how you can help. You can join the presentation [here.](#)

Wild Wednesday-1pm. Together, kids and their parents or caregivers can enjoy a fun hour-long outdoor activity. For children in grades K- 5. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew. Depew.

Migration, Climate Change, and Fair Trade: How are Farmers Faring in 2021?- 7:00 - 8:15 pm. [Register.](#)

Thursday, June 10

Working With Your Bees & Growing Your Colony-Buffalo Niagara Heritage Village, 6:30 pm to 7:30 pm. Beekeeping Basics Learn how to properly handle and care for your bees to expand your hive. Workshop Details This class will discuss hive maintenance, feeding your bees, swarms and swarm control, re-queening, and splitting hives. Everything you will need to know to get you through the season. Cost Registration fee is \$20.00. Please click [here to register.](#)

Virtual Program: Invasive Species and Native Landscaping-10am. Learn about the benefits of landscaping with native plants and how to discourage the spread of harmful invasive species. Pre-registration required; register online at www.reinsteinwoods.org/events.

Conversation with PUSH Buffalo: Push Forward and Meet the People-8 to 8:45am virtual conversation about their work in the community. [Register.](#)

Buffalo River Kayak Tour -5:30 to 7:30pm presented by Elevator Alley Kayak and the Land Conservancy. Price: \$50 - includes rental of kayak, life vest and paddle. Where: Start at Red Jacket Park 20 Smith St. Buffalo, NY 14218. [Register and info.](#)

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

Do it for Wildlife: Pull Invasives, Plant Natives- 4 to 5pm. Transform your yard and nearby open spaces into habitat where wildlife can find food and shelter! On this webinar, participants will learn to identify and remove invasive species and replace them with productive native plants. Join us in recognition of New York's 8th annual Invasive Species Awareness Week as we hear from experts how to increase the diversity of birds, bees, and other pollinators in the landscape. [https://act.audubon.org/a/pull-invasives-plant-natives?](https://act.audubon.org/a/pull-invasives-plant-natives)

Friday, June 11

Beginner's Guide to Herbalism-10am. Join us on this guided walk where we will learn how to harvest and identify common edible plants, including a few invasive species! For adults and children ages 10 and older. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Fryday Fishing-Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 10 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. [Register and info on the location for the week.](#)

Saturday, June 12

Spring Astronomy-8:30 to 10pm at [DeVeaux Woods State Park](#). Spend an evening exploring celestial objects and star patterns that can be observed in the springtime night sky. *For information and registration call (716) 282-5154.*

Volunteer with The Tool Library and partners-10am in the University and Masten Districts. Get more details and [sign up here.](#)

Great Baehre "Walk and Talk" with BWELL Community- 9:00-10:30 AM. Join WNY PRISM staff and members of Buffalo Women of Environmental Learning & Leadership ([BWELL](#)) for a walk and talk will focus on species identification and management within the Great Baehre Swamp Wildlife Management Area.

Outdoors Day: Geocaching at Billy Wilson Park-10am. Learn how to use a Global Positioning System (GPS) unit and use handheld GPS units to find hidden geocaches. For adults and children ages 8 and older. Note: This program takes place at Billy Wilson Park, Amherst. Pre-registration required; call Reinstein Woods at 716-683-5959.

Outdoors Day: Plant ID Skills-11am. Learn tips for identifying local plants and how to use field guides. For adults and children ages 10 and older. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Outdoors Day: Birding for Kids-1pm. Discover how to use binoculars and basic bird identification techniques. For children ages 8 and older. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

BOS Nesting Warbler Walk-8:00 AM EDT at Beaver Meadow Audubon Center, 1610 Welch Rd, North Java, NY 14113. Join us for a joint tour between Buffalo Audubon and the Buffalo Ornithological Society in search of the nesting warblers at Beaver Meadow. Meet people from both organizations and learn about all we do to help birds and the birding community in Western New York. Donations gratefully accepted. [Register.](#)

Zoar Valley Flora: Day one-9:30am to 4pm. The rugged terrain of Cattaraugus County's Zoar Valley is home to a complex mosaic of natural communities and one of NY's largest concentrations of old-growth forest. The first day will involve a strenuous hike descending into the heart of the canyon to explore bottomland rich-mesophytic forests, calcareous cliff seeps, cobble shores and more. There will be a limit of 10 participants for the trip but we ask you to please [CLICK HERE](#) to register and we will send you more details about the trip and the meeting place. There will be a waiting list. If you have any questions about the trip before registering, contact events@nyflora.org. Joint field trip with the Niagara Frontier Botanical Society.

Sunday, June 13

Zoar Valley Flora: Day two-9:30am to 3pm. The rugged terrain of Cattaraugus County's Zoar Valley is home to a complex mosaic of natural communities and one of NY's largest concentrations of old-growth forest. This field trip will focus on the easily accessible habitats of the canyon's north rim and adjacent upland, ranging from acidic and alkaline wetlands to xeric upper slope woodlands. There is a limit of 10 participants for the trip but we ask you to please [CLICK HERE](#) to register and we will send you more details about the trip and the meeting place. There will be a waiting list. If you have any questions before registering, contact events@nyflora.org. Joint field trip with the Niagara Frontier Botanical Society.

Fire and Ice Cream Sunday-12 to 6pm. Fundraiser for Slow Roll Buffalo. Ride or simply enjoy some Chiavetta's chicken and beer! A fully involved house fire of a guided ride passing Buffalo Fire stations across the city. This 38-mile roundtrip ride also works in an ice cream stop courtesy of Churn, a history stop and entry to the Buffalo Fire Museum, a Chiavetta's chicken dinner and a beer back at Resurgence. Plus a commemorative "Ticket To Roll" T-Shirt! Purchase of a ticket includes guided ride, ice cream at Churn, entry to the Buffalo Fire Museum, Chiavetta's chicken dinner, Resurgence beer, commemorative "Ticket To Roll" T-Shirt and more! Don't want to ride? Purchase a ticket for a Chiavetta's dinner and a Resurgence beer and pick it up anytime between 2-6pm. [Info.](#)

Monday, June 14

Slow Roll Buffalo- 6:30 pm EDT, Irish Center, RSVP [online](#).

Lithium Battery Recycling-1 to 2:30pm. The New Jersey Institute of Technology (NJIT), Northeast Recycling Council (NERC), and NEWMOA have joined together to organize this webinar. The presentations will provide an in-depth examination of multiple aspects of spent lithium-ion batteries (LIBs), including innovations that reduce the environmental impacts of operations in recycling, reuse, and recovery of valuable materials.

Registration: <https://register.gotowebinar.com/register/6472322890946584333>

Tuesday, June 15

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

Annual Tuesday Evening Stress Reducer Paddle-6:00 pm - 8:30 pm. This is Path, Peaks and Paddles 17th year enjoying our Tuesday Evening STRESS Reducer Paddle on Ellicott Creek! Come join the guides and instructors of PPP 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. 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.

Herbs for our Companion Animals: An overview on herbal strategies for our pets-8pm webinar by Cynthia Lankenau, DVM. Our companion animals have similar yet very different herbal needs. This lecture will discuss the importance of energetic diagnosis; species differences in regards to the herbs used and dosing and easy herbs to use. [Register.](#)

Brands for Good Webinar-8am to 1:30pm Today's leading brands have an opportunity to drive consumer behavior toward sustainable lifestyles. At *Brands For Good: Change at the Speed of Culture*, find out how the world's leading brands are turning their consumers into champions for a regenerative future by leaning into a changing culture. [Register](#)

Wednesday, June 16

Wild Wednesday-1pm. Together, kids and their parents or caregivers can enjoy a fun hour-long outdoor activity. For children in grades K-5. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Solarization and Biosolarization: Harnessing the Sun and Organic Matter to Control Weeds-1pm EST. Join the National Center for Appropriate Technology for a free webinar to learn how to harness the sun and organic matter to control weeds. Biosolarization is a new innovation in the realm of weed control. Different from the commonly known practice of solarization, which uses clear plastic sheeting on moist soil to thermally terminate a variety of pest species, biosolarization includes the use of organic matter in the form of compost, cover crops, manure or other materials such as pomace or nut hulls. [Register.](#)

Urban Tree Pest Update - Insects that Harm Trees-12pm webinar. Come learn which insects are primed to cause damage to our community trees and how to effectively manage those insect pests. Commercial Horticulture Educator with the Green Industry Team, Tim Abbey, will present this session on how to effectively manage these invasive insects. [Register and info.](#)

Global solidarity in 2021: Can it meet today's crises of climate change, pandemic and massive migration?-5 to 6:15 webinar. [Register.](#)

Conversations in Science: Naval STEM- 6:00 PM - 7:00 PM. **Speakers:** A panel of midshipmen from the US Naval Academy will share research and technologies of Naval STEM. To submit questions in advance, please email ggraham@sciencebuff.org. Free, but register in advance for link. Conversations in Science, presented by RP Oak Hill Building Company, offers scientists and researchers an opportunity to informally chat with the community about trending science topics. [Purchase Tickets](#)

Thursday, June 17

Grassland Bird Monitoring-8 to 10am at [Knox Farm State Park](#). Calling all birders! We need YOUR help in a community science project. Teams will conduct point count surveys for grassland birds at Knox Farm. *Call (716) 549-1050 or email Matthew.Nusstein@parks.ny.gov to sign up for a team.*

How can I prepare my community for coastal hazards?-1pm webinar with One Region Forward. Our region is seeing more extreme weather events, such as seiche, intense rain, and highly fluctuating water levels in the Great Lakes. Participants will learn more about these coastal threats and tools to improve community resilience as well as hear from practitioners and municipalities about tool application. [Register.](#)

Webinar - Human Dimensions of Pollinator Conservation-1pm EDT. Usually when people hear the buzz phrase “pollinator conservation” they think of bees and butterflies, not people. However, people have an essential role to play in pollinator conservation. Join guest speaker, Shannon Westlake, to learn about the human side of pollinator conservation and the various actions you can take to get more involved with supporting our native insect pollinator friends. [Register Now](#)

The Spectrum of Approaches to U.S. Packaging EPR: From Reimbursement to Full Responsibility-1 to 2:30pm. As extended producer responsibility (EPR) legislation for packaging and paper products (PPP) gains momentum in the U.S., many different approaches have emerged. This webinar will summarize the spectrum of EPR models in use around the world, from “Full EPR” systems run by producers to “Municipal Reimbursement” systems with more municipal control, and many hybrid structures. Registration: <https://attendee.gotowebinar.com/register/5191359958619465999>

Region Central: Virtual Public Meeting- 6 to 7:30pm. Region Central is a comprehensive, inclusive, and visionary effort to create a better future for all who live, work, play, and travel in the heart of the Buffalo Niagara region by reimagining mobility options within the Scajaquada Corridor. This webinar will provide an overview of the Region Central planning effort and will offer participants the opportunity to give input on the building blocks for a community-wide vision. [Register.](#)

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

Beginners Tour on Water Safety and Skills- 6 pm at Hyde Park. [Info and registration.](#)

Friday, June 18

Fryday Fishing-Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 10 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. [Register and info on the location for the week.](#)

Birding 101-9am. Learn how to identify birds by hiking the trails at Reinstein Woods in search of our summer birds. Bring binoculars if you have them. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Saturday, June 19

Volunteer with The Tool Library and partners-10am in the University and Masten Districts. Get more details and [sign up here](#).

Beekeeping Class - Hands-On Hive Inspection-4:00 PM to 5:00 PM at Masterson's Garden Center, Inc. ([map](#)). We all know that we're supposed to inspect our hives. But what the heck are we looking for in there? Join us in the apiary for a hand-on experience. We'll open up a hive together and see what the bees can teach us. From suiting up and lighting a smoker to proper hive etiquette to locating the queen, we'll share what we've picked up over the years. [Register](#).

Discovering Design in Nature-10 to 11:30am at [Martin House State Historic Site](#). Who hasn't marveled at the design of a bird's nest? Join NYS Parks and the Martin House to learn about the different types of nests found in nature and how birds create these artful structures. We'll finish by building an Oriole feeder to take home. *For information and registration call (716) 549-1050.*

Birding by Ear -8AM to 11AM at Beaver Meadow Audubon Center. Many of the birds we saw during spring migration are nesting in our area, but are much harder to spot with the dense foliage of summer. Join Audubon Naturalist Tom Kerr and learn how to identify these birds by their calls and songs, relying more on our ears than our eyes. Each participant will receive an audio CD of warbler songs. Meet at Arboretum Parking Lot. \$10 Non-Members/\$8 BAS Members . [Register](#).

Nature Play: Fairy Houses and Toad Abodes- 1PM to 2:30PM at Beaver Meadow Audubon. Nature is full of lots of surprises – maybe even fairies! Using all natural materials from the woods, participants will be able to build a house for Beaver Meadow's fairies and nature's friends to visit. A great way to be creative and just play. Please wear clothes that can get dirty. Embellishment supplies from nature will be provided. \$10 Non-Members/\$8 BAS Members . Register: <https://www.bualoaudubon.org/for-the-public.html>

Lewiston Gardenfest- 10 a.m. to 5 p.m. Saturday and Sunday, June 19 and 20. Pick up maps at 722 Center St., Lewiston. The [Lewiston GardenFest](#) is free and self-guided.

Wild Photo Day at Hawk Creek-10am to 1pm. [Tickets](#). Don't miss this rare opportunity to photograph beautiful wildlife up-close, without barriers, and in a natural setting. Recreational, amateur, and professional photographers are welcome! Eagles, owls, hawks, wild cats, and more await you. Live flight demonstrations included. Pre-registration is required as space is limited. Tickets are \$60 per photographer, \$30 per non-photographer (no camera) and can be purchased online. Register for both the Spring & Fall Wild Photo Day sessions and save! 1963 Mill Rd., West Falls, NY 14170

Act Against Water Pollution Kayak Cleanup -9 am at Hyde Park. [Info and registration](#).

Twilight Adventure with Graycliff and Tiff- 5:00 PM - 7:00 PM. Twilight Adventure is a new collaboration with Tiff Nature Preserve and involves family programming on both nearby sites over the same evening! Your evening will combine nature and architecture and begins with a family-centric 45-minute tour of Graycliff that explores the historic grounds and first floor of the main house at Graycliff. Then drive to Tiff Nature Preserve for a twilight hike on a guided informative one-hour twilight hike. The Cheesy Chick food truck will be on site at Graycliff and families are encouraged to order and eat in between—either outside at Graycliff, or on the drive over to Tiff. There are two timing options, the first starts at 5pm at Graycliff, with the twilight hike at Tiff beginning at 7pm, the second option will start at 6pm at Graycliff and 8pm at Tiff. This program is recommended for families with children aged 5 and up and is an excellent activity for Father's Day weekend. Members of Graycliff or the Buffalo Museum of Science save \$2 per ticket for this great event! [Purchase Tickets](#)

Niagara Gorge Plant Field Trip-10am. Meet at the Niagara Falls Amtrak Station parking lot, on Main St (Rte. 104) north of the falls. Bring lunch. Note: there will be stairs to descend into the gorge. Call J. Schlegel, 835-6042, if you wish to go. Leader on site will be Andrew Lance, Restoration Ecologist with the WNY Land Conservancy and leader of the restoration project in the gorge.

Sunday, June 20

Adventure Hike-10am to 2:30pm at Whirlpool State Park. Hike down into the Niagara Gorge, lunch on the whirlpool flats, and explore the remnants of a stopover station from the Great Gorge Route Trolley. *For information and registration call (716) 282-5154.*

Dance of the Firefly-9 to 10:30pm at Knox Farm State Park. With fireflies to guide the way, set out to discover a light show unlike any other in the natural world. *For information and registration call (716) 549-1050.*

Allenberg Bog Excursion- 9AM to 3PM at Allenberg Bog Audubon Preserve. Join USDA Entomologist Wayne Gall to experience the wonders of a northern peat bog with a quaking mat and open bog pond. Pack a lunch & water. Be prepared for wet and mucky conditions and biting flies by wearing a hat, long pants, long-sleeved shirt, and closed-toe footwear (old sneakers recommended; knee-high boots best but no guarantee water may not top them in spots). Participants should have good mobility for walking on unstable substrates, and be in good health for a strenuous walk. Rain-or-shine event. Meet 9AM at McDonald's Restaurant, 325 Bualo Street, Gowanda (bottom of hill, Rt. 62, north end of village). Space is limited. Reserve your spot early! Ages 14+. \$15 Non-Members/\$12 BAS Members . Register: <https://www.bualoaudubon.org/for-the-public.html>

Lewiston Gardenfest- 10 a.m. to 5 p.m. Saturday and Sunday, June 19 and 20. Pick up maps at 722 Center St., Lewiston. The [Lewiston GardenFest](#) is free and self-guided.

Monday, June 21

Slow Roll Buffalo- 6:30 pm EDT, Je ne sais quoi, RSVP [online](#).

Tuesday, June 22

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

Annual Tuesday Evening Stress Reducer Paddle-6:00 pm - 8:30 pm. This is Path, Peaks and Paddles 17th year enjoying our Tuesday Evening STRESS Reducer Paddle on Ellicott Creek! Come join the guides and instructors of PPP 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. 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.

Sierra Club Niagara Meeting-7 to 9pm via zoom. If you are interested in joining us please send us an email at niagarasierra@gmail.com. All meetings are open to the public.

Virtual Program: Pollinator Gardening 101-noon. Discover how choosing the right plants can benefit wildlife while also beautifying your yard and learn tips for attracting and supporting pollinators. Pre-registration required; register online at www.reinsteinwoods.org/events.

Toddler Time: Teddy Bear Picnic- 10AM – 11:30AM. Beaver Meadow Audubon Center It's Summer and summer is a time for being outside, enjoying sunny days and PICNICS! Bring a blanket and your favorite teddy bear or stuffed animal for a picnic on the lawn at Beaver Meadow. We'll also learn a little about bears in NYS, make some bear ears to wear and read a story! Ages 2-4 as a guideline. \$10 Non-Members/\$8 [Register](#).

Strawberry Jam Workshop-5:30 PM - 7:00 PM. In this workshop participants will learn to preserve these early summer gems by making both shelf stable and freezer jam. All materials will be provided. Price: \$25. Payments can be made in-person at CCE's administration office, located at 4487 Lake Ave, in Lockport. We accept cash and checks or [online](#). Location: Class will be held in the 4-H Training Center's Large Meeting Room.

History of the West Valley Nuclear Waste Site Part 2 & Action Needed in 2021-6 to 7:30pm. Join us for a series of workshops to learn about the West Valley NY Nuclear Waste Site. Help stop invisible but dangerous and long lasting radioactivity from getting into our air, water, soil, food and environment. Hear from experts who have tracked this site for decades on the history of what is there, how dangerous it is, and what can be done today. Learn more and register for Part 2: [register](#)

Wednesday, June 23

Wild Wednesday-1pm. Together, kids and their parents or caregivers can enjoy a fun hour-long outdoor activity. For children in grades K- 5. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

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

Thursday, June 24

Studying Solar Energy-6 to 7pm. What is solar power, how does it work, and how can you harness the power of the sun for your home or business? Join the meetings [here](#). Workshop details can be found at <https://www.facebook.com/PUSHGreenWNY>

Pollinator Full Moon Walk -8pm. Discover who is feasting on nectar at night as we celebrate Pollinator Awareness Week and the full moon. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Community-centered Lawyering- 2 p.m. - 3 p.m. ET. [Register](#)

A Walk Under the Strawberry Moon-8 to 9:30pm at [Golden Hill State Park](#). Join us for a walk at Golden Hill State Park, located along the shore of Lake Ontario. We will enjoy the sunset and welcome the Strawberry Moon! *For information and registration call (716) 282-5154.*

Grassland Bird Monitoring-8am to 10am at [Knox Farm State Park](#). Calling all birders! We need YOUR help in a community science project. Teams will conduct point count surveys for grassland birds at Knox Farm. *Call (716) 549-1050 or email Matthew.Nusstein@parks.ny.gov to sign up for a team.*

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

Beginners Tour on Water Safety and Skills- 6 pm at Ellicott Creek. [Info and registration.](#)

Friday, June 25

Fryday Fishing-Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 10 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. [Register and info on the location for the week.](#)

GORGEous Sunsets-6:30 to 8:30pm at [Whirlpool State Park](#). The Niagara Gorge and sunsets are beauties on their own, but together they are indescribable. Watch rays of light cascade along the gorge as the sun sets behind the escarpment. *For information and registration call (716) 282-5154.*

Climate Neutrality Series: Moving away from Fossil Fuels -1 to 2:30pm webinar. Series focuses on overcoming roadblocks to achieve climate neutrality and educational and non-profit institutions. [Register.](#)

Saturday, June 26

Volunteer with The Tool Library and partners-10am in the University and Masten Districts. Get more details and [sign up here.](#)

Intro to Orienteering -10am. Learn everything you need to know to enjoy the multiple orienteering courses in Western New York. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

A Dose of Nature: Beach Walk-6:30 to 8pm at [Beaver Island State Park.](#) Escape the stress of life and improve your physical activity, energy level, and mood while reconnecting with nature. *For information and registration call (716) 282-5154.*

Free Fishing Day in NY State- During Free Fishing Days/Weekends, anyone can fish the fresh waters of New York State and no [fishing license](#) is required! All other [freshwater fishing regulations](#) still apply.

Philip L. "Phil" Haberstro IV Remembrance Day- Honor the former executive director of the Wellness Institute of Greater Buffalo with a day of celebration and physical activity he would have enjoyed.. The events center Cardinal O'Hara high school at 39 O'Hara Road, Town of Tonawanda. 9:30 to 10 a.m.: Onsite registration; you also may register [online](#) . 10 a.m.: 4-mile "Spirit of Phil" walk on the Tonawanda Rails-to-Trails pathway. 11:00 a.m.: Reception, Noon: Non-denominational spiritual ceremony, selected speakers, 1 to 3:30 p.m.: Memorial reception to include food and beverages provided by family. Please wear casual attire for all events. Feel free to attend any or all events. An online donation (of \$30) is requested, though not required, and will support the Wellness Institute and high school. For more information, contact Jim Haberstro at jkhaberstro@gmail.com or 253-606-5833.

Animals of Africa- 2:30 to 4pm at the Buffalo Zoo. Learn about all the wonderful animals of Africa in our first in-person workshop of 2021! We will explore biofacts, meet a few African animals up close, and even make and deliver a special treat to one of our exhibit animals. All children must also have an adult registered with them. <https://buffalozoo.org/single-experience/wild-workshops/>

Sunday, June 27

Free Fishing Day in NY State- During Free Fishing Days/Weekends, anyone can fish the fresh waters of New York State and no [fishing license](#) is required! All other [freshwater fishing regulations](#) still apply.

Open Day at Gooseneck Hill Waterfowl Sanctuary-2 to 5pm. 5067 Townline Road, Delevan, N.Y. 14042. Come see 750 Ducks, Geese and Swans from all over the world. Info at <http://www.gooseneckhillwaterfowlfarm.com/index.html>

Monday, June 28

Slow Roll Buffalo- 6:30 pm EDT, Community Beer Works, RSVP [online.](#)

Tuesday, June 29

Annual Tuesday Evening Stress Reducer Paddle-6:00 pm - 8:30 pm. Come join the guides and instructors of PPP every Tuesday evening for a paddle for either relaxation, stress relief or just plain FUN. 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. 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.

Thursday, July 1

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

Open Gardens Thursday- 10am to 9pm ([map](#)). Every Thursday in July visit (and revisit!) exceptional gardens in Eden, Hamburg, Orchard Park, Amherst, Cheektowaga, East Amherst, Williamsville, Kenmore, North Tonawanda, Tonawanda, Lancaster and Buffalo's Parkside, Allentown, Cottage District, Elmwood Village, and Delaware District neighborhoods. Check for garden open hours, they differ by garden "cluster". [Info](#).

Friday, July 2

What's Bugging You First Fridays: Finding and eliminating mosquitoes in your yard. -12 to 12:30pm. IPM Minute: Avoiding the sting: inspections to locate and remove wasp nests. See [details and registration information here](#) or call CCE Chautauqua at 716-664-9502.

Fryday Fishing-Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 10 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. [Register and info on the location for the week](#).

Open Gardens Friday- 10am to 9pm ([map](#)). Every Friday in July visit (and revisit!) exceptional gardens in Eden, Hamburg, Orchard Park, Lockport, Gasport, Akron, East Aurora, Elma, Holland, South Buffalo, West Seneca, Lackawanna, Lakeshore, and Lancaster. Check for garden open hours, they differ by garden "cluster". [Info](#).

Saturday, July 3

Birding by Ear -10am. Practice identifying common bird species by ear. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Civic Engagement and Activism:

****This section will share ways to engage and follow policy at the federal and state level. Voting is one action, but civic engagement requires us to share our views and desires with our elected officials.**

Given the science of climate change and the need for climate solutions, the next couple of months are crucial for our shared future. We have to pass science-based climate legislation. Check out the information below to help support clean energy and climate solutions, and sustainability in our economic recovery! We've seen how just a few communications with legislators can change their vote! Thank you for sharing with others and using these opportunities yourselves. We must create large changes now!

Contact elected representatives today! You don't have to be an energy or climate expert to make a difference. [Get their contact info](#). Then weigh in on the below! For sample emails to send to policy makers, check out Step 1 at <https://www.aashe.org/Climate-Solutions/>. Sign up for up to date policy alerts [here](#).

1. **Infrastructure bill active in the Congress:** Watch for upcoming infrastructure bills in Congress. The bill(s) will include items related to climate solutions and the clean energy transition. Support what will get us to a green economy and greenhouse gas reductions. Contact your federal senators and representatives and tell them to support the plans. To learn how to do this, including key messages for Senators, send an email to ClimateSenatorOutreach@gmail.com
2. **Create a solar future** - Solar Energy Industry Association's [Solar Vision](#) 100-day agenda. Check out the document for information on vital solar energy legislation in Congress. Contact federal elected representatives to push for a sustainable energy future. Join the solar power advocacy network by signing up [here](#).

3. **Join the Race to Zero** - We need to stop emitting greenhouse gases to stabilize our climate and prevent massive human suffering. Get the organizations you know to join the [Race to Zero](#) campaign.
4. **State energy efficiency** - Check out ACEEE's [state energy efficiency scorecard](#). NY is # 5. Contact your state legislators and governor to let them know you support their efforts to make our state more energy efficient for a healthier environment and economy.
5. **NY Proposed legislation** related to [climate change, renewable energy and fossil fuels](#). Share your comments regarding the legislation with elected officials.
6. **On a Campus?** Universities and colleges must be ambitious when it comes to tackling the climate crisis. One of the most important steps is to commit to the Global Climate Letter – find out more [here](#).
7. **Change the Chamber: Lobby for Climate** - Check out the @ChangeUSChamber campaign to hold corporations and the US Chamber accountable to stop obstructing climate solutions and actively lobby for science-based climate legislation – find out more [here](#).
8. **Current NY Environmental Legislation**- A listing of legislation of all environmental topics with a summary and status is available at <https://eany.org/our-work/bill-memos/> . Educate yourself and reach out to get support for the issues important to you.

Tips for the Environment:

Plant a Native- Add a native plant to your yard if you can. Request that your local nurseries carry native species. Here's a partial [list](#).

Leave only shallow footprints and enjoy the outdoors- Embrace biodiversity and our natural world, but practice sustainable outdoor recreation. NYS DEC [“Love our NY Lands”](#) program has lots of tips to safeguard our natural resources while we enjoy it now.

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Western NY Land Conservancy- trail clearing, mailings, technical research and citizen scientist projects.

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

Additional calendars with local events-

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

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

<http://buffalorising.com>

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

<https://boredommd.com/>

Wildlife Rehabilitator Search- https://www.dec.ny.gov/cfm/xtapps/sls_searches/index.cfm?p=live_rehab

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

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Healthy Kids/Healthy Communities- <http://hkchcbuffalo.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>

Recycle Right NY- <https://recyclerightny.org/>

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

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

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

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

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

Buffalo Architecture and History- <http://www.buffaloah.com/>
Richardson-Olmsted <http://www.richardson-olmsted.com/>
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- <https://www.grandislandschools.org/domain/49>
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- www.ptny.org/bikecanal
Rochester Roots-<http://www.rochesterroots.org/>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>
Citizen Science Opportunities- [listing](#)

County/New York State Resources

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

Green Jobs, Internships and Opportunities

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

Youth Summer/Holiday Camps/Home School Series

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

Grant Opportunities/Tools

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

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

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

Backyard Bounty-podcasts on homesteading, beekeeping etc. <https://heritageacresmarket.com/backyard-bounty-podcast/>
Becker Farms- <http://www.beckerfarms.com/csa>
Brewster Street Farm- <https://www.jersbuffalo.org/brewster-street-farm>
Buffalo Organics/Foodscaping Project-<http://www.buffalofoodscaping.com/>
Canticle Farms-<http://www.canticlefarm.org>
Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>
Cool Greens Vertical Farm- <https://www.facebook.com/Cool-Greens-Vertical-Farms-2261876070712461/>
Crown Hill Farms-<https://www.crownhillfarm.com/>

Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>
Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>
Falkimmer Farms- <https://www.facebook.com/FalkimmerFarms/>
Farmer Pirates-<http://www.farmerpirates.com/>
Farmers and Artisans- <http://farmersandartisans.com>
Farmthisway CSA - <http://www.farmthisway.com/>
Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- <http://www.firstlightfarmer.com/>
Five Loaves Farm- <https://5loavesfarm.org/>
Fleckenstein Farms-<https://www.fleckensteinfarms.com/>
Free Fallen Fruit Rescue-<https://www.facebook.com/freefallenfruitrescue>
Fresh Fix -<https://www.freshfix.com/>
Goodman Farms- <https://goodmanfarms.net/>
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Greater Buffalo Urban Growers-<https://www.facebook.com/greaterbuffalourbangrowers/>
Green Heron Growers- <http://www.greenherongrowers.com/>
Gregs U-Pick- <http://gregsupick.com/>
Groundwork Market Garden- <http://www.groundworkmg.com>
Happy Shacks Oils-free seed library <https://happyshackoils.com/>
Healthy Living Farm- <https://www.healthylivingfarm.com>
Kindred Kreek Farms- <https://www.kindredkreek.com/>
Kubed Root-<http://www.kubedroot.com/>
Little Bear Farm- <http://www.littlebearfarm.harvesthand.com/>
Little Woods Farm-<https://www.littlewoodsfarmalden.com/>
McCollum Orchards- <http://mccollumorchards.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <https://platodalefarm.com/>
Porter Farms- <http://www.porterfarms.org/>
Produce Peddlers-<https://producepeddlers.com/>
The Promised Land- <http://promisedlandcsa.com/>
Providence Creek Farm- <http://www.providencecreekfarm.com/>
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
Rust Belt Harvest- <http://rustbeltharvest.org/>
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Utley Acres- <http://utleyacres.com/>
Westside Tilth Farm- <http://westsidetilth.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>
Local Meats- <http://meatsuite.com/>
NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>
WNY Food Hub for Farmers-<https://www.edenvalleygrowers.com/wny-foodhub>

Local Businesses with Classes and Workshops

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

Local Tourism promoting Sustainability

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

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

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

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

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

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

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

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

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

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

Building materials- www.buffaloreuse.org

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

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

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

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

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

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

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

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

Construction Materials- Buffalo ReUse, Habitat for Humanity Restore

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

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

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

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

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

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

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

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

Furniture-Goodwill, Salvation Army, Amvets and other charities

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

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

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

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

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

Ink cartridges-RecyclePlace.com and most manufacturers

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

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

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

Packaging Materials (bubble wrap, peanuts)-UPS Store

Pharmaceuticals-dropoff sites at [map](#)

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

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

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

Recycling A to Z - [realsimple](#)

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

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

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

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

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

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

Water filters-Brita partners with preserveproducts.com/recycling

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

Eco-volunteering with Travel:

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

<http://www.globalteer.org>

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

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

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

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

Education Courses, Resources 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

[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](#)

On Demand Webinars:

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

[Plan-It GEO](#)

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

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

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

Miscellaneous tools including videos and websites:

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

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

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

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

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

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

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

[Archived EPA Climate Change Info.](#)

www.epa.gov/climate-indicators.

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

[Tool for Sourcing Local Meat](#)

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

[iMATTER Youth Movement to Spark Change](#)

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

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

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

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

[2018 Fuel Economy Guide](#)

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

[NOAA National Marine Sanctuary Webinar series](#)

[NOAA One Science Seminar Series](#)

[Green Restaurant sustainability tool](#)

[Mapping Climate Change.](#)

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

Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June	http://adk-nfc.org/
AIA Buffalo Western NY	https://www.aiabuffalowny.org/
Air and Waste Management Association	https://awmanfs.wildapricot.org/
Allegany Nature Pilgrimage	http://alleganynaturepilgrimage.com/
Alliance for the Great Lakes	www.greatlakes.org
American Planning Association-WNY Section/Upstate	www.wnyapa.com
American Meteorological Society-WNY Chapter	www.facebook.com/amswnychapter
Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html
Animal Advocates of Western New York	https://animalswny.org/
Aquarium of Niagara	www.aquariumofniagara.org
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Birds on the Niagara	http://www.birdsontheniagara.org/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Astronomical Association	http://buffaloastronomy.com/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloudubon.org
Buffalo Blueway	https://buffaloblueway.com/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/

Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmentoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	https://www.buffaloinbloom.com/
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	https://buffalo-orienteeing.org/
Buffalo Ornithological Society	https://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Buffalo Women of Env. Learning/Leadership (BWell)	https://www.bwell.community/
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/

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

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

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

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

Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	Niagara Frontier Botanical Society
Niagara Outfitters	https://niagaraoutfitters.com/
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-1013633888708865/
Niagara River Greenway Commission	https://www.niagararivergreenway.com/
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/
Our Outer Harbor	http://www.ourouterharbor.org/
Partners for a Livable WNY	https://www.livablewny.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Pelion Garden	https://peliongarden.org
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Pollinator Conservation Association	http://www.pollinatorconservationassociation.org/

Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
PUSH Blue	https://www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	https://levesqueinstitute.niagara.edu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://roccbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/EXTRA/enviromentalists.htm
Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	https://www.facebook.com/South-Bufferalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/

Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	https://www.facebook.com/21stCenturyParkOnTheOuterHarbor/
UB Engineers for a Sustainable World	http://www.eswub.com/
UB Environmental Network	https://www.facebook.com/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.uli.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.org/
WASH Project	http://thewashproject.org/
Wellness Institute	https://creatinghealthycommunities.org/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.wnyea.org
Western New York Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Herpetological Society	https://www.facebook.com/wnyherpsociety
Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	https://www.wnylc.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/

WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Mountain Bike Association	http://www.wnymba.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnyssc.org/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/
Western New York Service Learning Coalition	https://wnyservicelearningcoalition.org
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY Raptor Center	Wnyraptor.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/wp/
West Side Ministries (716 Ministries)	http://www.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	https://buffalowind.wordpress.com/
Working for Downtown	http://www.workingfordowntown.org/
World on your Plate	http://www.worldonyourplate.org/