

Enviro-News

October, 2021

Sponsored by Daemen College's Global & Local Sustainability Department

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:

Erie County Earth Science Day

On Saturday October 2nd, come to Penn Dixie from **10 am – 4 pm**, rain or shine, to learn about Western New York's natural history, ecology, and resources through interactive exhibits and demonstrations in a family friendly setting. This event is accessible to those with mobility impairments and we recommend the use of a reach tool for fossil collecting. Thanks to the generous support of Erie County and our sponsors, Earth Science Day is FREE to all! All ages welcome. [Click here for more information.](#)

Day in the Life of the Niagara River/Lake Erie Watershed

Join Friends of Reinstein Woods on the water for the annual "Day in the Life of the Niagara River/Lake Erie Watershed" field study from 10:00 AM - 1:00 PM on **Thursday, October 7, 2021**. Environmental professionals and community volunteers play a crucial role in this event, sharing their knowledge and experience with middle and high school students. Friends of Reinstein Woods is hoping to have at least 10 school groups on the water to collect data at up to 15 sites. There will be optional partner and volunteer training on **October 5** from **1:30 - 3 PM** at Reinstein Woods. Contact [Mary Ronan](#) with questions, or call (716) 683-5959 ex. 201.

Raising the Roots for Food Equity

MAP's annual fundraising event, Raising the Roots for Food Equity is **Saturday, October 9th** from 1 to 4pm. Your attendance at this fun food and education based event will support MAP's mission to increase access to fresh, local, affordable produce for folks in the city who are experiencing the impacts of food apartheid and food insecurity. Guests will have the opportunity to explore MAP's 1.5 acre Urban Farm and Farmhouse & Community Food Training Center while indulging in local, seasonal food and drinks prepared by some of Buffalo's most talented chefs and beverage purveyors. Stay tuned for more announcements about Raising the Roots. Tickets will go on sale soon! So don't forget to follow us on facebook and instagram @massaveproject. Also info at <https://www.mass-ave.org/>

Eat, Drink and Be Scary

The first-ever Boo Bash at the Buffalo Zoo is just around the corner! Join us for this one-of-a-kind after-hours event for adults (21+, valid ID required) **October 8, 9 and 10** from 6:00 pm to 9:00 pm. Make your way through the Trail of Treats featuring bewitching bites and spell-binding cocktails. Have a howling good time dancing the night away with our DJ, be mesmerized by our magician, sword swallower and other curious characters, and don't forget to keep your eyes peeled for other spooky surprises lurking in the shadows! Give us "pumpkin" to talk about and don your best costume or keep it casual for this "fa-boo-lous" evening at the Buffalo Zoo. Space is limited. Purchase your tickets today! [Tickets.](#)

Northeast Recycling Council's Fall '21 Virtual Conference

The Northeast Recycling Council will hold their conference virtually from **October 12 - 14** (1:00 p.m. - 5 p.m. daily *eastern*)! There will be two keynote addresses, engaging sessions, a virtual sponsor exhibit hall, and networking. The presentations and discussions include environmental justice; inclusive recycling policies; using existing infrastructure for achieving EPR goals; solar panel reuse and recycling; compostable packaging; transportation issues; empowering communities through reuse, repair and upcycling; and reuse and environmental justice. [Register](#).

Green Drinkers!

We will be meeting again in person on **Thursday October 14th** at 5:30pm at Resurgence Brewing Company, 55 Chicago St, Buffalo, NY 14204. The event is also listed on Facebook (<https://fb.me/e/1qkDZsKMI>) or on the Green Drinks webpage (<http://www.greendrinks.org/NY/Buffalo>). Feel free to share it with anyone you think might be interested!

Wildlife Rehabilitation Course

Learn how to lend wildlife a helping hand and provide proper emergency treatment to injured, orphaned, and distressed wildlife living in your community. Hawk Creek's Wildlife Rehabilitation Course is an intensive eight hour learning experience taught by licensed wildlife rehabilitators sharing over 30 years of experience, up-to-date technical information, and incredible stories. Course is open to adults, (recommended) 16 years of age and older preparing to take the NYSDEC wildlife rehabilitation exam or just interested in expanding their knowledge. Pre-registration is required. \$100 per person. The course will be 12-4pm on **October 16th & 17th, 2021** at Hawk Creek Wildlife Center, 1963 Mill Rd, West Falls, NY 14170. [LEARN MORE & REGISTER](#)

Sunnking Electronics Dropoffs

Due to high demand, Sunnking has added an additional event date for WNY residents to responsibly recycle their devices on [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.

Household Hazardous Waste Collection

All Erie County Department of Environment and Planning (ECDEP) Household Hazardous collection events are full for the year. 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.

Pfeiffer Nature Center Woodwalk-Hiking Challenge 2021

Join the Pfeiffer Nature Center Woodwalk challenge from October 1-15th. Walkers and runners can choose their level and tshirts are included in the registration price. Walk as an Individual, Family or Team. Our Family Hike is like a Treasure Hunt- 5 stations along the way with a prize at each station for each child. Family Hikes are available on Saturdays & Sundays. Please visit our website: www.pfeiffernaturecenter.org to sign up for Adult and/or Child T-shirt prices, size and color. All hikes including Family Hike and the Runner Trail will be at our Lillibridge Property.

NFTA Metro Rail Expansion Buffalo-Amherst-Tonawanda: Public Comments Welcome

Two recent public scoping sessions were presented to outline the plans for the NFTA rail expansion in Amherst and Tonawanda. You can view a recording of the evening session at <https://www.youtube.com/watch?v=WuXZ2OWzD4g>. Details on the project are available at <https://www.nftametrotransitexpansion.com/>. The comment period for NEPA scoping extends to **October 14, 2021** with comments via email to Metro at transitexpansion@nfta.com or submitting written comments via the project website: www.NFTAMetrotransitexpansion.com.

Winter Wildlife Excursion: Yellowstone National Park

Experience the Winter in Yellowstone from **December 8-17, 2021** through the eyes of experienced Naturalist Educators, Joe Allen, and Jon Roth from Earth Spirit. This trip will be full of wildlife viewing opportunities and Winter activities in this unique and historic location. Guests will be staying in one of two beautiful lodges where two gourmet meals per day will be prepared by our leaders and shared with the group. The focus of the trip is wildlife, and guests will be provided with Swarovski spotting scopes, top-notch cameras and lenses, and will be led to viewing hot-spots throughout the Excursion experience in order to locate and view the animals each day. For more info, visit [here](#).

Friends of Reinstein Woods Receives Grant to Rehabilitate the History Trail

Friends of Reinstein Woods is excited to announce a \$6,510 grant from the New York State Park and Trail Partnership Grants program to provide permanent, durable trailside interpretive signs along Reinstein Woods' History Trail in Cheektowaga. The grant will be combined with funds from a generous private donor to complete the \$8,710 project. The History Trail is a .08 mile trail that highlights the origins of the preserve and the ownership of the land by Dr. Victor Reinstein, the preserve's namesake. The new signs will be installed at the proper height and angle to provide accessibility, and will include QR codes to connect with online text and to an audio tour of the trail. The existing wooden posts will be replaced with more durable metal posts. Some signs will be revised to better acknowledge the history of native peoples on the land, and to acknowledge the important role that Friends of Reinstein Woods has played for the last 15 years. Look for the project to be completed by Spring 2022.

Erie Grown Website: Connecting Farmers and Consumers

The Erie County Office of Agriculture launched the [Erie Grown website](#) to promote local produce and encourage residents to purchase food from area farmers. The office formed with the mission to address loss of farmland and improve the agricultural economy. The Erie Grown website includes a site locator map and a produce finder with 145 producers. Users can search for a specific type of produce to find a location where they can make a purchase from a local grower.

Draft Niagara Frontier Unit Management Plan for Public Review

New York State Department of Environmental Conservation (DEC) has released a draft Niagara Frontier Unit Management Plan (UMP) for public review and comment. The draft UMP proposes improvements to State lands in Erie and Cattaraugus counties, including the Zoar Valley Unique Area (UA) and Multiple Use Area (MUA). The UMP will guide management of these properties over the next 10 years. DEC is accepting comments on the [draft Niagara Frontier UMP](#) until **October 15, 2021**.

Public Comments Welcome on New York's Ban on Polystyrene Containers

Effective Jan. 1st, 2022, no covered food service provider or store (retail or wholesale) will be allowed to sell, offer for sale, or distribute disposable food service containers that contain expanded polystyrene foam in New York state. In addition, no manufacturer or store will be allowed to sell, offer for sale, or distribute polystyrene loose fill packaging (commonly referred to as packing peanuts) in the state. The public is invited to review and submit written comments on the [proposed Part 353 rulemaking](#) through Nov. 22, 2021. A virtual public hearing will be held on **Nov. 15, 2021**, at 1 p.m. - [register for the hearing](#). For full text and more information about the proposed regulations, how to submit public comments, register for the virtual public hearing, or submit a request for interpreter services at the hearing visit.

Farmland Protection Grants Available

The NYS Department of Agriculture is pleased to announce the availability of funds for the [Round 18 Farmland Protection Implementation Grants \(FPIG\) Program – Conservation Easement Projects](#). Applications for funding must conform to the format provided in the Grants Gateway. The intent is to fund the implementation of certain farmland protection activities intended to maintain the economic viability of the State's agricultural industry and its supporting land base and to protect the environmental and landscape preservation values associated with agriculture. Grant applications will be accepted on a continuous basis. The RFA will remain open and awards will be made until such time as available funds are fully committed, or the RFA is closed.

Pollinator Conservation Association Seeks Board Members

The Pollinator Conservation Association is a 501c3 formed in 2016. We currently have three pollinator gardens in progress and approval for a fourth, all on public lands and accessible to the public. Find out more about us at <http://www.pollinatorconservationassociation.org/> We are seeking two new board members to help us with development, finance, and governance. If you are interested in volunteering with us, please email the president, Larry Brooks, at larrybrooks_50@msn.com.

Funding for EV Charging Stations

Through [Charge Ready NY](#), NYSERDA provides rebates of \$4,000 per charging port for Level 2 charging stations installed at public, workplace, and multi-unit dwelling parking lots. This could add up to a savings of 30% to 80%, depending on station and installation costs. An additional incentive of \$500 per port may be awarded for installations within disadvantaged communities. A searchable map of disadvantaged communities in New York State can be found on [NYSERDA's website](#). Most utilities now offer [incentives for installing charging stations](#) that can cover most of the installation costs. These incentives can be used in tandem with both the Charge Ready NY incentives and [New York State](#) and [federal](#) tax credits.

Soil Erosion and Sediment Control Training

NCSWCD will be hosting a NYSDEC Erosion and Sediment Control Training on **November 17, 2021** from 9am to 1pm.. Training Location is Niagara County 4-H Training Center 4487 Lake Ave Lockport, NY 14094. Cost: \$100 per person. [Info](#) and [Registration Form](#).

Make Our Enclosure a Reality so We Can Help More Wildlife

WNY Raptor and Wildlife Care, Inc. is fundraising for a new multi-unit enclosure to house injured and orphaned wildlife. WNY Raptor and Wildlife Care, Inc. is a 501 (c)(3) non-profit dedicated to the rehabilitation of wildlife, environmental education, and research. In 2020, we cared for over 150 injured animals and need to expand our current space! Donations can be made on our website <https://wnyraptor.com/enclosure-fundraiser> . More information can be seen on our Facebook Page @wnyraptor or Instagram @wny_raptor.

Erie County Climate 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. 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 reach out to the Erie County Sustainability Coordinator, [Tracy Skalski](#).

New Bottle Design Lets the Last Drop Out

A new kind of packaging called EveryDrop means consumers don't leave anything in the bottle, lessening waste and making recycling easier. The extra-slippery bottle, from the MIT spinout company [LiquiGlide](#), ensures that each drop of a product slides out. The technology adds a nontoxic layer of lubricant to the surface to eliminate friction. The environmental impact of wasting the product itself is probably even more significant, because of the energy and other resources that go into making the ingredients, manufacturing the product, and shipping it to stores and consumers. The bottles can also be used with products like heavy creams and gels that would normally go in heavier jars. View the full article [here](#).

New Technology for Cooling

Reported in the journal *Energy & Environmental Science*, the new technique relies on a cooling effect produced when certain salts are mixed in water. The salt can be regenerated for reuse by evaporating the water using solar energy. Low-cost cooling systems based on this approach could be used for air-conditioning and also to refrigerate food. Cooling living spaces already accounts for 10 percent of the world's electricity consumption, a share slated to get larger as average global temperatures rise. According to the International Energy Agency, energy demand from air conditioners will triple by 2050, requiring as much electricity as the United States, the EU and Japan can produce today. Wang and his colleagues wanted to develop an inexpensive cooling technology that does not require electricity. Their design is based on a natural phenomenon in which energy is absorbed as salt crystals dissolve in water, deciding on using ammonium nitrate because of its high solubility and effective cooling power. It is also inexpensive and is produced on a large scale for use in fertilizers. Their proof-of-concept system consists of a metal cup placed inside a polystyrene foam box. As the salt is gradually dissolved in water in the metal cup, its temperature fell from a room temperature of about 25°C to around 3.6°C. The temperature remained below 10°C for 8 hours and under 15°C for over 15 hours, sufficient for food storage. To recover the salt, the researchers put the salt solution in a tall container made of a material that absorbs a large range of the solar spectrum. They wrap the container with a water-wicking fabric, and the device is floated on top of the salt solution. As the solution travels up the fabric, it warms up and evaporates, resulting in ammonium nitrate salt crystals growing on the container's outer wall. Source: [Wenbin Wang et al. Conversion and storage of solar energy for cooling. *Energy & Environmental Science*, 2021.](#)

Make Cigarette Butts Part of Your Cleanups

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. 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](#) for application support. Check out the [Regenerate NY webpage](#) for info.

A Guide to Native Plants for New York's Great Lakes Shorelines

NY Sea Grant recently released their new [Working With Nature: A Guide to Native Plants for New York's Great Lakes Shorelines](#) (PDF) for public and private property owners to select the right plant for the right place to revitalize NY's Great Lakes freshwater shorelines. The guide offers nature-based alternatives to traditional 'gray', or hard structures (such as rock rip-rap), including 41 species of trees, shrubs, grasses, ground covers, vines, and perennials, and their preferred shoreline setting. The guide was developed with funding from NY's Environmental Protection Fund, and technical assistance from NYSDEC, Cornell Cooperative Extension Master Gardeners, and Wisconsin Sea Grant.

Balloon Litter in NYS- Celebrate Without Harming Wildlife

DEC staff report finding balloon litter in NY's most remote areas and along our beaches. Littered foil or latex balloons and their strings can be found on the ground, stuck in trees, and in water bodies including trout streams, lakes, coastal areas, and other sensitive ecosystems. When balloons end up as litter, they become a [hazard to fish and wildlife](#) or can become [microplastic pollution](#). Do your part to make sure decorations meant to show kindness do not end up harming the environment or our communities. Be part of the solution: make sure that any balloons are tied down to avoid release, dispose of them in the trash (not recyclable) and consider alternatives to balloons such as bubbles, bells, reusable banners, or planting a native tree, shrub, or flowers in remembrance of a loved one. Visit <https://balloonsblow.org/> or check out [EPA's Trash Free Waters page](#). Have you seen littered balloons in the environment? Send us your pictures and stories about where you have found littered balloons to organicrecycling@dec.ny.gov.

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.

Cladophora Reporting

[Cladophora](#) is that stringy algae that grows on rocks, wood, logs, and other underwater surfaces. Do you see it along your favorite Lake Ontario (LO) or Lake Erie (LE) swimming beach this summer? How about along the Niagara and St. Lawrence River shorelines? Let us know! Go to: <https://arcg.is/0r4Cue>.

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. 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.

Download the Ecosystem Restoration Playbook

The [21-page guide](#) from our friends at UN Environment presents ways community groups, businesses and governments can restore eight key types of ecosystem as part of the Decade on Ecosystem Restoration.

Barnacles Inspire New Glue to Aid in Wound Sealing

Currently, most injury and surgery-related bleedings is stopped with hemostatic agents that induce the blood to clot. In an effort to speed the process, MIT scientists have taken inspiration from barnacles which attach firmly to rocks and other hard surfaces to develop a super-strong surgical glue that can stop bleeding within 30 seconds. In lab tests, the glue stayed put for weeks before breaking down as the tissue injured tissue healed. For more info and the article, read [Rapid and coagulation-independent hemostatic sealing by a paste inspired by barnacle glue](#).

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.

Earn from the Sun: Community Solar Program Saves Money

WNY Sustainable Business Roundtable (SBR) is conducting the “Earn from the Sun” Community Solar Program, in partnership with Erie County & Omni Renewables. The overall goal of the program is to provide solar energy to residential and commercial subscribers, furthering our efforts to foster an environmentally resilient Western New York. Become a subscriber and enjoy monthly savings on your electricity bill, earn a \$75 gift card and support the SBR! Sign up AND share this offer, using our flyer found [HERE](#), with your colleagues and others in your sustainable business network so we can all enjoy the benefits of earning from the sun!

Community solar allows you to access solar energy from projects in our local area. Power generated from these solar projects, or solar farms, is fed into the power grid and into your home, see NYSERDA’s [video](#) for further details. Now there is no need to undertake the hassle and potential complications of installing solar panels on your roof or property to benefit from solar energy. By subscribing to community solar you will earn credits on your energy bill each month for your portion of solar energy generated, resulting in an easy way to reduce your monthly electricity costs, and more money in your pocket.

Finding the Mother Tree

From the Western New York Land Conservancy “In her first book, Finding the Mother Tree, Simard brings us into her world, the intimate world of the trees, in which she brilliantly illuminates the fascinating and vital truths—that trees are not simply the source of timber or pulp, but are a complicated, interdependent circle of life; that forests are social, cooperative creatures connected through underground networks by which trees communicate their vitality and vulnerabilities with communal lives not that different from our own.” To watch Finding the Mother Tree: An Evening with Suzanne Simard: click [here](#)

Sustainable Garden Institute Resources

Sustainable Garden Institute (SGI) works with public gardens and arboreta, colleges and universities, and government agencies that want to get the word out about their research, demonstration gardens and projects, and educational programs on how to garden and farm more sustainably to help solve problems that threaten the health of our planet. Check out their resources at <https://sgi-gardenlibrary.maps.arcgis.com/home/index.html>.

New Invasive Species: Map Shows you What to Watch

Making sure the lands and waters you love to hunt and fish stay healthy is one of the best ways we can support wildlife. Invasive species are plants and animals that not only harm our forests and waterways, but they can also harm New York's fish and wildlife. Hunters, anglers, and wildlife watchers like you can be a first line of defense, and there's an easy way for you to know what to look for: DEC's [#OnesToWatch interactive map](#)! Click on your region of the map to see the species DEC is tracking in your neck of the woods. Then follow the link for each species to find more detailed information, including info on how to easily report sightings.

Central Terminal Master Plan

Central Terminal master plan, developed over 12 months, redefines the Buffalo Central Terminal's future as a vibrant local and regional destination supporting economic and social opportunities to the Broadway-Fillmore neighborhood, Buffalo's East Side and the City of Buffalo and Western New York. For more info, visit https://buffalocentralterminal.org/wp-content/uploads/2021/08/2021_08_Master-Plan-Press-Release_V3_FINAL.pdf

Buffalo Food Waste Diversion is Available Year-Round

Buffalo 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!**

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/>

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.

Paper Packaging Startup

Coca-Cola is testing a new kind of container for its dairy-free smoothie drink. The paper bottle was made by the two-year-old Danish startup Paboco (aka Paper Bottle Company) and overseen by head of product development Tim Silbermann, who is on a mission to eliminate plastic packaging. While the current Paboco bottle has a plastic cap and a thin plastic barrier between the paper and the product inside, Silbermann says future iterations will have even less plastic. Paboco has also partnered with Absolut and Carlsberg, which will both test [fiber bottles](#) for drinks by the end of 2021, and L'Oréal, which will release some cosmetic products in paper packaging later this year. [info](#)

Explore Census Data throughout Erie and Niagara Counties

As part of its Good DEEDS and High Road Policy initiatives, the Cornell ILR Buffalo Co-Lab compiled block-level data for the two county Buffalo-Niagara region into a user-friendly, [interactive dashboard](#) that allows users to explore population changes for various political and administrative geographies. [For step-by-step images and to read more, visit the High Road Policy Blog about this tool here.](#)

Volunteer with DEC's Adopt-a-Trailhead Program

If you love volunteering and spending time outside, we have the perfect opportunity for you! The [Adopt-a-Trailhead program](#) is managed by DEC and gives the public the opportunity to support State-led efforts to care for state lands and educate fellow visitors on the value of responsible recreation. Adopt-a-Trailhead volunteers will bolster ongoing efforts to eliminate litter problems and educate trail users about hiker preparedness, thus eliminating the amount of trash left at trailheads and encouraging proper disposal of human waste while in the woods. Volunteers and DEC will continue to encourage hikers to [Hike Smart NY](#) and follow the [Seven Principles of Leave No Trace \(LNT\)](#) while hiking. Individuals can apply if they are up for the time commitment, or they can email volunteer.stewardship@dec.ny.gov to get connected with a volunteer group in their area. For more info, [visit DEC's website](#).

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](#).

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>

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. Visit the [NY iMapInvasives website](#) to learn about the project, and sign up for a grid square on the map to monitor.

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!

Are Electric Vehicles Really Greener Options?

A new [study](#) examined the life cycle greenhouse gas emissions from electric cars and combustion engine cars globally. Their analysis showed that only battery electric and hydrogen fuel cell electric vehicles have the potential to achieve the magnitude of life-cycle GHG emissions reductions needed to meet Paris Agreement goals. So yes, electric vehicles with their batteries are the greener option. The transportation sector is responsible for around 25% of greenhouse gas emissions now, with passenger cars making up the largest chunk of that.

21-Day Racial Equity Challenge

This [challenge](#) takes participants on a 21-day journey of learning and self-discovery that aims to develop more effective social justice habits around issues of race, power, privilege, and leadership. Community members can participate as individuals or as a part of a workplace, place of worship, professional association, or more. **Participation is free.** <https://www.uwbec.org/21daychallenge>

Resources for Buying an Electric Vehicle and Charger

Making the switch to an electric vehicle—and pairing it with an ENERGY STAR certified charger—is not only good for the planet, it could also save you \$1,400/year on fuel and car maintenance. Plus, with rebates and tax credits, you can save even more. [Learn about all the benefits today!](#)

E-Recycler Sunnking Donates to Camp Good Days and Special Times

Sunnking's 11th annual [e-Scrap for Camp](#) fundraiser had 353 area businesses participate in the electronics recycling donation drive generating funds for future programs at Camp Good Days and Special Times. The *e-Scrap for Camp* program has gifted a total of \$128,106 to provide access to the year-round activities for Western New York children. **Buffalo and Rochester-area businesses provided a total of 445,256 lbs of recyclable devices** towards the 2021 donation, a 6% (or \$1,600 gift) increase from the year prior. Since the e-scrap program's existence, Sunnking has rescued more than 5.5 million pounds of recyclable material from area landfills.

Deadline Approaching for 2021 Round of the Municipal Zero-emission Vehicle (ZEV) Program

A total of \$2.8 million is available to help municipalities to install public charging stations and purchase or lease electric vehicles for fleet use. Applications are available through the [New York State Grants Gateway](#). DEC is accepting applications on a rolling basis from now through **October 29, 2021**, or until funding is exhausted. Additional information is available online: <https://www.dec.ny.gov/energy/109181.html#ZEV>. Up to \$300,000 in rebates are available for municipalities that purchase (or lease for a minimum of 36 months) eligible vehicles from a dealership in New York. Plug-in hybrid, all-electric, or hydrogen fuel cell vehicles are eligible for rebates of up to \$7,500 per vehicle, depending on the electric range of the vehicle and provided they were placed into municipal service on or after March 1, 2020. In addition, up to \$2.5 million is available for municipalities to install hydrogen filling station components or electric vehicle chargers. A variable local match of zero to 20 percent of the total project cost is required based on the community's median household income. The maximum grant amount for any location is \$250,000 and \$500,000 to any one municipality.

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](#).

Tiles from Fish Scales

Made entirely from fish scales (or 99.5% of it), Scalite is a bio-sourced, biodegradable, and naturally nonflammable material that turns a byproduct of the fishing industry into a striking stone-like material that can make buildings a little greener, one tile at a time. During Scalite's manufacturing process, this biopolymer is extracted and mixed with the mineral part of the scales to create the basis of the material, which is then mixed with a small quantity of a natural binder and dyes. The substance is then compressed into molds with a hydraulic press. The end result looks a bit like speckled Corian but with more vibrant hues like mustard yellow or moss green. [Read more.](#)

Ten Thousand Birds: At the Intersection of Art, Wildlife and Climate Change

Watch a dynamic recorded panel discussion about the role of art and music in environmental awareness featuring Audubon's Senior Director of Bird-Friendly Communities, John Rowden, and Director of Climate Science, Brooke Bateman. This event was hosted by Alarm Will Sound, a contemporary orchestra that performs multimedia art projects like "Ten Thousand Birds," a modern musical composition inspired by bird song, composed by John Luther Adams. [Watch now](#)

New Habitat for Common Terns in Buffalo Harbor

Common Terns returning to Buffalo Harbor found a new nesting island made just for them. The island, which is a part of a larger suite of bird and fish habitat restoration projects in the harbor and in the nearby Niagara River, provides vital nesting habitat for the terns. Nesting habitat has been hard to come by for the state-threatened species, and the birds made do with anything suitable in the area, including breakwaters in the harbor. But time and neglect made those choices unstable. Despite work done to shore up the breakwaters by the Army Corps of Engineers and the Common Tern Habitat Improvement Project, in 2019 one of the main breakwater nesting sites collapsed entirely after an eight-foot seiche (a wind-driven wall of water) and 70-mph winds inundated it. Although other breakwaters still supported nesting, habitat experts with the New York State Department of Environmental Concerns (NYSDEC) recognized the vulnerability of the sites. Volunteers built and placed wooden shelters on Tern Island in Buffalo, New York. The shelters protect newly hatched chicks from overheating. while consulting with the NYSDEC as well as local contractor LDC Construction. The birds will now find their nesting site on a 14,400 square foot island. The island has a rock berm at the base and consists of a sand/pea gravel mixture for the terrain, with vegetation on the island. Large rocks and driftwood have also been placed on the gravel for separation and structure among the nesting terns. There are also 'chick protection structures' on the island which are specially designed wooden "tents," and will be installed each year by the DEC.

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.

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.

Report Invasive Jumping Worms

Attention, fall gardeners! Not all earthworms are a welcome sight in your garden. Jumping worms, sometimes known as “crazy worms”, are an invasive species native to Asia that are being found increasingly in many parts of New York State. Jumping worms primarily stay in the top layer of soil, leaching nutrients and turning topsoil into a texture similar to coffee grounds. This makes it difficult for many plants to grow, including garden plants, trees, and lawns. You can tell the difference between a jumping worm and a less destructive European earthworm by examining the worm’s collar (clitellum). Jumping worms have a collar that is milky-white, relatively close to the head and flush with their bodies. If you find a jumping worm, take a picture and report the sighting to www.nyimainvasives.org. Check out the [Homeowner's Guide for Asian Jumping Worms](#) for more information.

Ocean-degradable Biomaterial: Solution to Plastic Pollution

Newlight Technologies, a California-based biotech company has spent nearly 20 years developing a sustainable, ocean-degradable biomaterial made from a biopolymer AirCarbon, that’s produced by bacteria in the ocean. The plastic-like biomaterial is already being used to make products like bags, containers, phone cases, and drinking straws. This biodegradable, carbon-negative plastic alternative is made from one of the two main materials used to make plastic alternatives: polyhydroxyalkanoates (PHAs). The other type is polylactic acid (PLA), which is made from fermented plant starches, but doesn’t degrade well in cold environments, like the ocean. AirCarbon is made from a PHA derivative called polyhydroxybutyrate (PHB). It’s a nontoxic polymer that’s found in almost all living things and biosynthesized by many types of bacteria, which produce it by consuming air and greenhouse gases that get dissolved in saltwater. [Read more.](#)

New Ultra-strong Glass Inspired by Mollusk Shells

McGill University researchers have developed a new type of glass, inspired by the inner layer of mollusk shells based on nacre, also called mother of pearl. It is made from glass and acrylic composite, making it both rigid and flexible. Using Mother Nature’s ingenuity to inspire design for new materials is a popular approach. Currently, techniques like tempering and laminating can help reinforce glass, but they are no longer effective once the surface of electronics is damaged. This new material is break-resistant, affordable and easy to produce. The researchers hope it will be used to replace cell phone glass and other electronics components. Moving forwards, they are working on scaling up production and altering the material’s color, mechanics, and conductivity properties. [Original article link.](#)

Farm Energy Audits

NYSERDA offers free energy audits to identify energy efficiency measures for eligible farms and on-farm producers, including but not limited to: dairies, orchards, greenhouses, vegetables, vineyards, grain dryers, and poultry/egg. In addition, greenhouse facilities can receive a free benchmarking report that describes their energy use intensity and benchmarks their facility against an anonymous aggregate of peer facilities.

Farms must be customers of a New York State investor-owned utility and contribute to the System Benefits Charge (SBC). Please check your current electricity bills. Farms can request an energy audit or a greenhouse benchmark report through the [Agriculture Energy Audit Program](#). NYSERDA will assign a Flexible Technical Assistance (FlexTech) Consultant to perform an energy audit or a benchmark report. For a Summary of Revisions, Additional Details and Associated Documents and How to Apply Visit: [PON 3846 Solicitation Detail Page](#)

Geocaching: Have Fun and Make a Difference

Geocaching is 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 and log a photo. The locationless cache initiative is available for [logging now](#) through **December 31, 2021**.

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.

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.

Climate Superstars Challenge is now open for registration!

Climate Superstars is an online environmental challenge that gets kids excited about the environment and how they can take an active role in caring for its future. During the challenge, middle school classrooms (Grades 6-8) complete short tasks geared towards environmental literacy and energy efficiency. Complete 7 of 10 fun and easy tasks about environmental literacy with your students. Tasks can be completed over one full month from October 1-31. Enter to win one of three \$5,000 e-vouchers for [Samsung products for the classroom](#). [Register Now](#)

Design a Planet from Scratch: Board Game

A new board game, Planet, allows you to see how a planet designed by us would fare in the cold vacuum of space. Players of [Planet](#) are tasked with creating their own planet to support the most organism-friendly ecosystem they can. If your planet supports the most life, you win the game, as well as the satisfaction of knowing you could put together a planet just as well as any deity or creator has. For more info on the game, read [here](#).

Teacher Professional Development Opportunity

[Teaching Climate Change Essentials](#) is a fully-facilitated, nine-week, online course with weekly learning modules and three live webinars with subject experts. It is designed to give teachers the knowledge, skills and resources they need to integrate climate change education into their existing curriculum, regardless of subject areas or grade level. And, there is a focus on individual, local, national and global solutions to climate change. It's also a chance to earn 45 PD hours or 4.5 CEUs. Course start date **October 4**. Enrollment costs just \$25 if you use our scholarship code: TCCE2122 - SAVE \$149! (Note: scholarship code applies to PD hours / CEU Course only) [Learn more](#) or [Enroll now](#).

EarthEcho Academy for Teachers-Free

The next EarthEcho Academy all-virtual free professional development series starts on **October 5th** and all middle school STEM teachers are invited! Topics include environmental storytelling and literacy, environmental and racial justice, STEM career pathways, youth taking environmental action, and more. **Register and details.**

COP 26 Resources for Educators

[Window into COP program](#) provides resources and events to help your students connect to global climate change efforts. The United Nations Framework Convention on Climate Change (UNFCCC) includes 197 countries, or Parties, committed to preventing human interference with Earth's climate system and addressing climate change impacts through the Paris Agreement. Since 1995, the UNFCCC has held a Conference of Parties (COP) where world leaders discuss climate change and set global target goals for climate action. COP26 is scheduled to be held in Glasgow, Scotland **November 1-12, 2021**, with virtual participation options Explore our [Educators' Toolkit](#).

Teacher's and Home-Schooling Resources

[Minecraft Sustainable City](#)-free lessons on sustainable food production, water treatment, recycling, sustainable foresting, and alternative energies.

[The Connect-Kids-to-Parks Field Trip Grant Program](#) (Connect Kids)- each grant provides reimbursement of up to \$40 per student (and \$80 for Special Education students) for field trips to state and federal parks, education and nature centers, forests, historic sites, fish hatcheries and other outdoor recreation areas.

[Living in the Intertidal](#)-video on what nature can tell us about managing future waves of change and enduring the churn of uncertainty.

[Ecology Project International Teacher Fellowships](#)- professional development program that gives a diverse range of educators an opportunity to collaborate with one another on real-world conservation projects and learn EPI's methods for teaching field science. Spend 8 days connecting with other educators, developing field science skills and exploring amazing locations.

[The Anatomy, Life Cycle, and Habitat of Mosquitoes](#)-Prevent & Protect's lesson plans bring the fun in the classroom indoors! Share with your elementary, middle, or high school students about a mosquito's anatomy and life cycle, as well as crucial ways to avoid the spread of mosquito-borne illnesses.

[Teaching and Learning with Story Maps](#)-simple web apps that combine interactive maps, multimedia content, and user experiences to tell stories about the world and can be used effectively for environmental issues.

[Tree-Plenish](#) works with high school students in schools throughout the country to plant trees. The trees planted offset the paper used throughout the year in the school. Visit their website to find out how you can work with this organization to plan a tree planting event at your school and tree-plenish your paper usage!

[Sea Turtle Resources](#)- Sea turtles are a key part of marine ecosystems worldwide and they face many threats today. Celebrate Sea Turtle Week with NOAA and learn turtle facts, research features, turtle conservation programs, and more.

[Cool Science Instruments](#) - glimpse some of the technology that chemists at NOAA's Northeast Fisheries Science Center have used to investigate marine environments since the 1960s when they measured dissolved oxygen and alkalinity of seawater samples to more recent chemistry-focused research today.

[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.

[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.

[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.

[Additional resources](#)

Contests and Awards

[Project Green Challenge](#)- our annual 30-day challenge starting on October 1 that centers climate justice, public health, sustainability, and advocacy for students around the globe. Delve into daily challenges that focus on themes like food, fashion, waste, water, energy, and more. Win eco prizes to support your sustainable lifestyle, a spot in the PGC Finals in California, funding for Climate Action Projects, and a \$5,000 Green Award. Tell students in high school and college to [sign up](#). Follow [@TurningGreenOrg](#) for shareable info, posts and graphics.

[The Youth Innovation Challenge \(YIC\)](#) invites applicants from 15 to 30 years of age to propose a solution to address climate change, marine litter, or both issues, using environmental education as a key strategy. We are looking for solutions that are innovative, feasible, and informed by research. Your solution could win you a \$1000 USD prize!

Webinar on Oct. 4. Deadline: October 25.

[People, Prosperity and the Planet \(P3\) Award Program](#). Submit your proposals to research, develop, and design solutions to real-world challenges that respond to the needs of people across the U.S. The deadline to submit an application is **October 27**.

Grant and Scholarship Opportunities

[E2 Energy to Educate](#) - Developing Tomorrow's Energy Leaders - Constellation offers grant awards up to \$25,000 for grade 6-12 schools and up to \$50,000 for colleges & universities to support educational programs that help inspire students to think differently about energy. Deadline: **October 1**.

[EPA Sustainable Materials Management Project Funding Available](#)-The U.S. Environmental Protection Agency's Region 2 Sustainable Materials Management Section is announcing the availability of \$150,000 for sustainable materials management program support. Applicants may submit one or more proposals and each may address one or both of the following: Sustainable Food Management or Sustainable Packaging. Deadline: **October 1**

[NYSAR³ 2021 Community Reuse Grant \(\\$5,000\)](#)- recognize community-based partnerships, businesses, groups, or non-profit organizations whose work has or will lead to lasting benefits that enhance community quality of life and ensure stewardship of the environment by saving money, energy, and natural resources. Deadline: **October 8**.

[Technical Assistance Grant](#) program provides support for consulting projects that preserve New York State's cultural and historic resources. Grants of up to \$4,000, with a required 20% project cost match from each applicant, are available to nonprofits and municipalities that own or have a long-term lease on buildings that house historic sites, museums, arts facilities, and other important institutions that serve an arts or cultural purpose and are open to the public. The grants support professional services of architects, engineers, and other design and preservation professionals. Pre-application deadline: **October 11**.

[Integrated Research on Coastal and Ocean Acidification \(OA\) and Harmful Algal Blooms \(HABs\)](#)-NOAA is soliciting proposals to address the science needs identified in the *Ocean Acidification and Harmful Algal Blooms: Defining a Research Agenda* [Report](#). Proposals should address the growing need to understand interactions between OA and HABs and their cascading impacts on US coastal and Great Lakes ecosystems, communities, and economies to inform management decisions. We expect to fund 3 to 5 projects for up to three years in duration. Deadline Letter of Intent: **October 14, 2021**. Full deadline: **Jan. 19**

[Lorrie Otto Seeds for Education Grant](#)- Grants are awarded (up to \$500!) purchasing native plants and seeds for projects that engage youth in planning, planting and caring for native plant gardens. Deadline: **October 15**.

[Erie Canalway IMPACT! Grant Program](#). The grants range from \$2,500 to \$12,000 and will be awarded to municipalities, not-for-profits with a 501(c)(3) designation, and federally-recognized Native American tribes within the boundaries of the Erie Canalway National Heritage Corridor. Deadline: **October 15, 2021**.

[USDA Farm of the Future Grant Program Accepting Applications from Land-Grant Institutions](#)- grant program that will be implemented by USDA National Institute of Food and Agriculture (NIFA) to establish an agricultural test bed and demonstration site. It seeks to launch this rural test bed for precision agriculture, smart automation, data connectivity and transfer, and to demonstrate best practices in climate-smart agriculture, forestry, and animal production systems that enhance sustainability and farm profitability. Deadline: **October 15**.

[New York Farm Viability Institute Grant Program](#)- clear relevance to New York's agriculture community, demonstrated producer support, and the ability to deliver farm-level economic impact over time. Deadline: **October 17**.

[Lake Erie Watershed Protection Program Water Quality Improvement Projects](#)-select projects within Erie County, NY that will result in measurable water quality benefits. Deadline: **October 27**.

[Budding Botanist Grant](#)- Any school serving students in grades K to 12 in the United States that can demonstrate at least 40% of their student body would qualify for free or reduced price meals is eligible to apply. Applicants must be planning a new or expanding an existing school garden program designed to teach students about environmental sustainability and the importance of biodiversity. Each grant recipient will receive a check for \$1000 to spend on materials to help bring garden-based learning opportunities to students. Deadline: **October 29**.

[Community Grants Program 2021-2022 Request for Applications](#) for pollution prevention outreach and education projects. The grant period will run from March 1, 2022 through February 28, 2023. Eligible applicants are able to receive up to \$20,000 to fund their project. NYSP2I provides an important funding source for community-focused pollution prevention initiatives. Proposals are solicited from community organizations, municipal departments, and other public sector and not-for-profit entities for projects that raise awareness and understanding of pollution prevention practices and lead to implementation at the local level. Deadline: **October 29, 2021**.

[NYSDEC Grant for Environmental Restoration Projects](#) -Approximately \$10,000,000 is available for 2021 Environmental Restoration Program (ERP) Grants from Hazardous Waste Cleanup funding through the NYSDEC, for eligible projects that implement remedies identified under a DEC issued Record of Decision (ROD), and in accordance with the [Division of Environmental Remediation Policies and Guidance](#). Deadline: **November 1st, 2021**.

[NOAA Environmental Literacy Funding](#)- for projects that develop the collective environmental literacy necessary for communities to take actions that build resilience to extreme weather and climate change in ways that contribute to community health, social cohesion, and socio-economic equity. Priority 1 will support new projects (\$250,000 - \$500,000 per project) within eligible states, including New York. Priority 2 will support the evolution of projects (\$250,000- \$500,000 per project) funded under the 2015-2018 funding opportunities from this program. Deadline for **pre-applications: November 1, 2021**.

[Prudential Emerging Visionaries](#) - Ashoka is looking for Changemakers ages of 14-18 in the US who are tackling the financial barriers or social issues. Winners may qualify to receive up to \$15,000, an all-expenses- paid trip to Prudential's HQ, and coaching and skills development. Deadline: **November 4**

[USDA Forest Service State and Private Forestry Landscape Scale Restoration \(LSR\)](#) funds collaborative, science-based restoration of priority rural forest landscapes, leverages public and private resources, and supports [State Forest Action Plans](#), in coordination with State Foresters. Deadline: **November 5**.

[IPM Partnership Grants](#)-Up to \$150,000 in total will be available for 2022, with a maximum of \$30,000 per award, to fund projects that foster the development and adoption of integrated pest management (IPM) methods. The program supports three project types: IPM Applied Research, IPM Working Groups, and IPM Communications. Applied Research projects that include an 1890 land-grant institution or Native American-affiliated organization may apply for up to \$40,000. There is a 12-month time limit on funded projects. Deadline: **November 11, 2021**.

[PMSP and Production/Management Profiles Grant Program](#)-Proposals must develop a Pest Management Strategic Plan (PMSP) or Production/Management Profile (PMP) for a crop, livestock enterprise, pet, forestry, aquatic system, turf/playing fields/golf courses/park, medical practice, schools/buildings or other pest management application that is significant to the Northeast. Deadline: **November 11, 2021**.

[Park and Trail Partnership Grant program](#)-grants in 4 categories for organizations that: enhance the preservation, stewardship, interpretation, maintenance and promotion of New York State parks, trails, state historic sites and public lands; increase sustainability, volunteer or fundraising capacity; or promote tourism and economic growth. Deadline: **November 30, 2021**.

[2022 - 2023 Margaret A. Davidson Graduate Fellowships](#) for the National Estuarine Research Reserve System. Eligible applicants are institutions of higher education or other research-related organizations. Students interested in this fellowship opportunity should work with their advisor and the university's Office of Sponsored Programs, or equivalent. An authorized representative of the sponsoring organization will submit the application to Grants.gov. Typically awards will be made to the fellow's graduate institution through the use of a cooperative agreement. Deadline: **December 10**.

[Hershey Heartwarming Project Action Grant](#)-We want to hear from you: how you plan to use the grant to create connection, support well-being and make your school or community more inclusive, kind, and empathetic. Whether hosting a virtual or in-person event, organizing a volunteer opportunity in your community, or running a campaign to share handwritten messages of kindness, simply tell us HOW you want to take action in your community - 1 grant per successful applicant/project idea in the amount of \$250 USD. **Deadline: December 31, 2021.**

[The Community Forest and Open Space Conservation Program](#) of the Forest Service offers a unique opportunity for communities to acquire and conserve forests that provide public access and recreational opportunities, protect vital water supplies and wildlife habitat, serve as demonstration sites for private forest landowners, and provide economic benefits from timber and non-timber products. **Deadline: January 10, 2022.**

[T-Mobile Hometown Grant Program](#) - Building community, together. We're focusing on revitalizing community spaces in towns with 50,000 people or less. Submit a proposal for a town project of your choice, and if selected, use the funds to get started. **Deadline: Quarterly**

[Global Youth Mobilization Grant](#)-Do you have an idea for a solution to overcome a challenge created by the COVID-19 pandemic? Want to support your local community? Any young person between the ages of 14 – 30 can apply for funding from \$500 –\$5,000. All you need to do is complete a short application form setting out your idea, what you want to achieve with the funding and upload a short video explaining why you should be awarded the funding. **Deadline: Rolling.**

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

[The 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

[Healthy Homes Coordinator](#)- PUSH Buffalo.

[Nature Educator at Jamestown Audubon](#)-Deadline: **Oct. 3.**

[Open4 Program Director](#)-UB Regional Institute position to lead Open4, a partnership of community-based organizations and funders who work to connect entrepreneurs and small businesses with the resources, support, and guidance they need. Open4's goal is to accelerate the launch, growth, and sustainability of small businesses in the greater Buffalo and Rochester region. It is focused on businesses owned by women and people of color in underserved, low-and moderate-income neighborhoods, and takes a strategic, ecosystem-building approach. Deadline: **October 15, 2021**

[Chief Operating Office](#)-NeighborWorks Community Partners

[President/CEO: Erie County SPCA](#)- exciting and rare opportunity to lead one of the most visible and oldest non-profit organizations in Western New York.

[Director of Horticulture](#)-Buffalo & Erie County Botanical Gardens.

[Executive Director: NE Sustainable Agriculture Working Group](#)- full-time with benefits. Application review begins in October.

[Director of Museum Programs and Experiences](#)-Buffalo Science Museum. Open until filled.

[Communities and Local Government Fellowship: Albany, Buffalo, or New York City Office](#)- Paid fellowship. NYSERDA currently works with communities and local governments by providing tools, technical assistance, grants, and other resources through its [Clean Energy Communities Program](#). Apply [here](#).

[Executive Director: Clean Air Coalition](#)

[Assistant Curator](#)-Buffalo Zoo.

[Field Crops Specialist](#)-Work with the Southwest New York Regional Dairy, Livestock and Field Crops team for Cornell Cooperative Education to develop and deliver an integrated educational and applied research program in field crop production with a focus on forage and cash crops, pest management, new technologies, and soil health and nutrient management. This position is full-time (40 hours/week) and will be **located in the Southwest region of New York**.
Deadline: **October 17**.

[SPCA Adoptions Counselor](#)- Erie County SPCA.

[Assistant Manager Animal Care](#)-Erie County SPCA.

[Curator of Fishes and Invertebrates](#)-Niagara Aquarium.

[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.

[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:

Friday, October 1

What's Bugging You First Fridays-12:30 to 1pm. Topic: How to get rid of pantry moths. IPM Minute: What to do if stink bugs got inside? See [details and registration information here](#) or call CCE Chautauqua at 716-664-9502.

Preservation, Resiliency & Sustainability: Planning for New York's Future-9am to 2pm. We invite preservation commission members, preservation nonprofit staff and advocates, planners, architects, and other planning and preservation professionals living and/or working in New York State to join us for this special three-part virtual series focused on timely topics including resilience and disaster planning, sustainability upgrades and geothermal energy, and section 106. [Click here for more info and links to register](#)

Saturday, October 2

Erie County Earth Science Day- join us from 10 am – 4pm at Penn Dixie, rain or shine, to learn about Western New York's natural history, ecology, and resources through interactive exhibits and demonstrations in a family friendly setting. This event is accessible to those with mobility impairments and we recommend the use of a reach tool for fossil collecting. Teachers: Please contact us in advance to schedule your group. There is no charge for unguided group tours on Earth Science Day but we request advance notice to help with our parking planning. Guided group tours are available at our usual rates. Thanks to the generous support of Erie County and our sponsors, Earth Science Day is FREE to all! All ages welcome. [Click here for more information](#).

Landscape tours at Frank Lloyd Wright's Martin House Landscape Tours- 1:30 p.m. (Saturday and Sunday through Oct. 31) at the Darwin Martin House, 125 Jewett Parkway, Buffalo. Docent-led tour. Please note that this 90-minute tour is primarily outside, so be sure to plan ahead for the weather. This tour will take place rain or shine. The price is \$30 for the public and \$25 for members of Darwin Martin House. [Register for a tour here.](#)

Introduction to Horticulture-In person class at Buffalo & Erie County Botanical Gardens, 11am to 1pm. General Public - \$25 per class, Members - \$22.50 per class or take entire series. [Register.](#) Topic: Annuals and Perennials.

Forest Bathing and Yoga-9am to noon. Friends of Reinstein Woods is partnering with Yogis in Service for this special event! Enjoy a forest bathing experience in Reinstein Woods, followed by a yoga session with a Yogi in Service instructor. Learn more and register on the Yogis in Service website at <https://www.yogisinservice.org/>.

Woods Walk: Nature Guide's Choice-11am. Join a guided nature walk through the woods. No registration required. Reinstein Woods Nature Preserve.

Fall Fest-10am to 2pm at Como Lake Park, Lancaster.

GObike Mobile Repair Shop- 12-3:00 p.m. at the Niagara Falls Skate Park, 898 Hyde Park Blvd, Niagara Falls, NY 14301. Bring your bikes by the [GObike](#) mobile repair shop for a quick tune up or repair. GObike staff will be available with tools and ready to show you how to fix that recent flat tire or adjust your brakes. Stop by and see us! Participants under 14 need to be accompanied by an adult. We can't wait to get you rolling again!

Promising Underutilized Trees- Draves Arboretum, 10 am to 4pm. 1815 Sharrick Rd, Darien Center, NY 14040-9718. www.dravesarboretum.org/event-registration-and-payment. Presented by Tim Brotzman and Tim Richley. This presentation will identify underutilized trees for the Upstate New York landscape. Tim Brotzman and Tim Richley will discuss interesting tree species that can be considered useful for the lawn area, garden bed, street-side, and naturalized areas. Lunch will be served following the presentation and discussion. After lunch the class will move outside to observe discussed species planted in the Arboretum. This class can be used to earn CNLP, DEC, and ISA credits. *Proof of Arboretum membership will be required at event if Member Discount is used. Please bring your membership card to the event. Thank you for your support!

Spooky Safari- 11am to 3pm. also Oct. 9 (tickets can only be used one day). Hawk Creek Wildlife Center, 1963 Mill Rd., West Falls, NY 14170. Join us for a Spooky Safari! Get in the spirit for Halloween early, come in costume and explore our not-so-spooky trick or treat trail to meet some creepy, but friendly, Halloween critters! Discover rare wildlife from around the globe and bring a camera for up-close encounters with our wildlife ambassadors. Refreshments, gift shop, flying bird demonstration, trick or treat trail and activities for all ages. Event parking is FREE and tickets are \$15 for adults, \$13 for veterans and seniors, \$9 for children, and \$35 for a family pass of up to 2 adults and 3 children (5-12 yrs). Children 4 and under are FREE. Tickets can be purchased online. Please visit www.hawkcreek.org for info and directions. Event is rain or shine.

8th Annual Locktoberfest-8am to 5pm, 57 Canal St. A celebration of our heritage as a community built on the banks of the Erie Canal. Join us for dedications, tours, and presentations within the Historic Locks District as well as the Lockport Community Farmers Market and Artisan Showcase. <https://locktoberfest.org/>

Birding the Beaver Pond- 8 to 10am. Beaver Meadow birding hike for late migrants and arrival of Canada geese. Binoculars available. \$8 Buffalo Audubon members, \$10 others. [Register.](#)

BAA Public Night at the Beaver Meadow Observatory-8pm to 11pm. Join members of the Buffalo Astronomical Association as they take you on a telescopic tour of our solar system, Our Milky Way Galaxy and the universe! Masks are required for all participants outdoors and indoors regardless of vaccination status. 1610 Welch Rd., North Java. For more [information](#) about BAA Public Night.

Paleontological Research Institute Teacher Resource Day-9am to 12:30pm at Museum of the Earth, 1259 Trumansburg Road, Ithaca, NY 14850 . Free materials for teachers. This year's featured presentation will be given by PRI Research Scientist, Dr. Elizabeth J. Hermsen. Dr. Hermsen's talk, Women Who Dare to Dig: The Past and Present of Women in Paleontology, will complement our temporary exhibit. [Register.](#)

North Tonawanda Pedal Party-Join us for our much-awaited return to NT hosted by The Dockside Bar & Grill at 153 Sweeney Street and starting at 1pm! We'll roll up the Rails to Trails to North Tonawanda for our second annual free and inclusive community ride around the Lumber City, 10 miles roundtrip with two stops to regroup and learn more about their community.

WNY PRISM Walk and Talk on Invasives-10 –11:30 am.Saturday, October 2 at [Beaver Meadow Audubon Center](#), 1610 Welch Rd., Java Center. WNY PRISM staff will be on hand to talk and answer questions about the invasive species found at the nature center. Registration is greatly appreciated. [You can register here.](#)

Sunday, October 3

Landscape tours at Frank Lloyd Wright's Martin House Landscape Tours- 1:30 p.m. (Saturday and Sunday through Oct. 31) at the Darwin Martin House, 125 Jewett Parkway, Buffalo. Docent-led tour. Please note that this 90-minute tour is primarily outside, so be sure to plan ahead for the weather. This tour will take place rain or shine. The price is \$30 for the public and \$25 for members of Darwin Martin House. [Register for a tour here.](#)

A Dose of Nature: Forest Bathing-9:00am-11am at Whirlpool State Park. Immerse yourself in the forest with a certified Nature and Forest Therapy Guide. Awaken your senses, slow down and reconnect with nature. Be guided through a series of invitations to connect with your senses and the environment. The walk will blend solitude in nature with light dialogue - wandering, sitting, and standing, covering no more than a mile. We will conclude with tea (not provided) under the trees. *For information and registration call (716) 282-5154.*

Four Mile Creek State Park Botanical Field Trip-9:30am, Youngstown, Niagara County. Meet just inside the park entrance. Phone Joanne Schlegel if you wish to come, 835-6042, or to inquire about carpools. Once on site we will be led by Mark Hittle, who has a map indicating old-growth areas in the park.

Sunday Hike: Hunter's Creek-9:00 AM – Noon at [Sergeant Mark A. Rademacher Memorial Park/Hunters Creek](#) - Hunter's Creek Road Parking Lot. This week Ranger Roy will be focusing on the "10-Essentials". [Register for Sunday Hike- Hunter's Creek](#)

Monday, October 4

Slow Roll Buffalo-Meet at 5:30pm. Broadway Market, 999 Broadway. www.slowrollbuffalo.org

Tuesday, October 5

The Medicinal Properties of Culinary Herbs-6pm to 8pm at Company B - 1250 Niagara Street, Buffalo. \$35. Register and info at <https://www.farmersandartisans.com/product/think-drink-medicinal-properties-of-culinary-herbs/>

"IMAGINE Lifelong Learning Lecture Series"-12:30 P.M. – 1:00 P.M. Shane Stephenson – LEAH – <https://us02web.zoom.us/j/86943694405>

Olmsted Parks Public District Meetings-6 to 7:30pm. Tosh Collins Community Center, 35 Cazenovia St. RSVP to Zach Garland, zach@bfloparks.org

Educator Workshop: Spotlight on the Invasive Spotted Lanternfly- 4 to 5:30pm. Virtual. The Spotted Lanternfly is a highly invasive pest that is a threat to agriculture in our region. Learn how you and your students can be part of "early detection" for Spotted Lanternfly in the Finger Lakes and beyond. Educators participating in this workshop receive FREE Spotted Lanternfly maker kits for your class and 1.5 hours of CTLE credits. Best for grades K-5. This workshop is FREE. [Register here.](#)

Wednesday, October 6

Planning and Coordinating Committee (PCC) Meetings-9:30am, open to public to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#). PCC meetings are usually held the first Wednesday of every month (see our [event calendar](#) for specific times and locations).

Please note that the GBNRTC PCC meeting will be broadcast live for public viewing on GBNRTC's Facebook Page facebook.com/GBNRTC.

Behind-The-Scenes Collection Tour: Geology Rocks!- 6:00 PM - 8:00 PM. Did you know the Buffalo Museum of Science houses more than 700,000 specimens and artifacts? Go behind the scenes to see what few have seen and explore the Museum's Collection. Tours are approximately two hours in length. Holmes! What kind of rock is this? Sedimentary, my dear Watson. Learn why this and other CoRn Y jokes are funny by investigating the Museum's Geology Collection. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. Ages: 18+. Cost: \$30 per participant, 10% off for BMS Members (includes Museum admission). *Register online or by phone at least one week in advance.* [Purchase Tickets](#)

Lights Out WNY: Bird Strikes and Light Pollution-7 to 8pm. Join the [Roger Tory Peterson Institute](#) (RTPI) CEO Arthur Pearson and Buffalo Audubon Society President Edward Sirianno for a discussion regarding light pollution, bird strikes, and creating light's out programs with an emphasis on Western New York. This free event is available in-person at RTPI and online via Zoom. [Register](#).

Spotted Lanternfly Webinar-10 to 11:30am. [Register](#). Spotted lanternfly is wreaking havoc downstate and is expected to take a foothold in our region as soon as this season. Learn what SLF is, what this means to our communities, and how we can build a response plan for its imminent arrival. This program is for municipal leaders, planners, educators, and community advocates.

Resiliency Mini-Summit- FREE, 10:00 AM – 3:00 PM *feel free to join for only part of the session, or come in and out.* The event - presented by USGBC Middle Atlantic New England Region (MANE) and the Society of American Military Engineers New York City Post (SAME NYC Post) - FEATURES OVER A DOZEN EXPERTS FROM ACROSS DISCIPLINES, including 2 keynotes, 6 sessions in 2 concurrent tracks, 2 Response and Reflection panel conversations, and Bouncing Forward: An environmental Justice discussion and a look to the future and how you can drive change. See the [event page](#) for the list of speakers and to register.

Thursday, October 7

Garden Talk-The Genesee County Master Gardeners are holding their Garden Talk series on Zoom from noon to 12:45 p.m. The series is free. Registration is required. A Zoom link will be sent to your email with your personal link to the event. Topic: "Winter Bird Feeding 101." Do you enjoy watching the birds in your yard? Winter bird feeding can be entertaining for you and beneficial for the birds. Join the presentation for tips on "setting the table" for your neighborhood feathered friends. [Register here](#).

Orchard Park Garden Club -11:30 a.m. at St. Johns Lutheran Church, 4536 S. Buffalo Rd., Orchard Park. The meeting will be held in the newly constructed building behind the church building. Parking is also around the back. Sign-ups will begin at 11:30 a.m. with refreshments at noon and the program at 12:30 p.m. The program will be an auction. Recycle any garden related items. One of the club members will be the auctioneer. Please take only garden-related items.

Making Jerky and Canning Meat-6:00 PM – 8:30 PM. Learn how to safely make your own jerky in an oven or food dehydrator. Canned meat is tender and makes a quick meal. Learn the steps to safe pressure canning, a process that can be used for preserving vegetables and soups too. Includes a discussion of proper freezing procedures and materials, plus a demonstration of canning meat, [Click here to register for the class](#)

Succulent Garden Workshop- A hands-on succulent garden workshop will be held from 6:30-7:30 p.m. Thursday, Oct. 7 at the [Buffalo and Erie County Botanical Gardens](#), 2655 South Park Ave., Buffalo. Design a unique succulent container garden while learning more about these exciting low-maintenance plants. Learn how succulents grow and how to propagate them while adding some creative touches to your garden. Containers, soil, plants and supplies are included. This onsite class will be held on the Botanical Gardens campus. The cost is \$35 for the public and \$31.50 for members. [Register here.](#)

Wellness Walks- 10:00 AM - 12:00 PM. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led free tour of the Preserve. **Ages:** All Ages, *Please call 716.825.6397 to confirm walk will take place.*

How to Accelerate Climate Action-7 to 8pm. Virtual. [Reserve free ticket.](#) Join *Teen Vogue's* Allegra Kirkland, The Nature Conservancy's Katharine Hayhoe, and other panelists for a provocative discussion on how we can tackle the pressing climate challenges that our world faces today. *Free event sponsored by The Nature Conservancy*

Friday, October 8

North Tonawanda Owl Prowl-7 to 8:30pm. [Register and details.](#)

Adult Nighthike & Storytelling-7:30 PM to 9:00 PM. Walk the woods of Tiff Nature Center by nightlight and experience the wildlife while your guide shares bone-chilling short stories and poetry, Ages: 18+. Cost: \$6 per participant (Buffalo Museum of Science Members save 10%). *Advance registration required.* [Purchase Tickets](#)

Boo Bash-6 to 9pm. It's time to eat, drink, and be scary at Boo Bash at the Buffalo Zoo! The Zoo is open after-hours for a spooktacular party for adults-only (21+, valid ID required). Make your way through the Trail of Treats featuring bewitching bites and spell-binding cocktails. Have a howling good time dancing the night away with our DJ, be mesmerized by our magicians, sword swallows, and other curious characters, and keep your eyes peeled for our other spooky surprises lurking in the shadows! Give us "pumpkin" to talk about and don your best costume or keep it casual for this "fa-boo-lous" evening at the Buffalo Zoo. Space is limited so get your tickets today—it's sure to be a gourd of a good time! This is strictly for guests age 21 and over. Valid ID is required and will be checked before entering the event. Please drink responsibly. Do not drink and drive. [PURCHASE TICKETS HERE](#)

Saturday, October 9

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

Spooky Safari- 11am to 3pm. also Oct. 2 (tickets can only be used one day). Hawk Creek Wildlife Center, 1963 Mill Rd., West Falls, NY 14170. Join us for a Spooky Safari! Get in the spirit for Halloween early, come in costume and explore our not-so-spooky trick or treat trail to meet some creepy, but friendly, Halloween critters! Discover rare wildlife from around the globe and bring a camera for up-close encounters with our wildlife ambassadors. Refreshments, gift shop, flying bird demonstration, trick or treat trail and activities for all ages. Event parking is FREE and tickets are \$15 for adults, \$13 for veterans and seniors, \$9 for children, and \$35 for a family pass of up to 2 adults and 3 children (5-12 yrs). Children 4 and under are FREE. Tickets can be purchased online. Please visit www.hawkcreek.org for info and directions. Event is rain or shine.

Fossil Hunting for Beginners-10am to noon. New to fossil hunting? Learn the tricks of the trade from Director of Education & Paleontologist, Dr. Holly Schreiber and/or Director of Science, Catherine Konieczny, M.S. Tour the site and learn all the best spots to hunt for fossils. During this two hour tour we'll teach you how to find, dig, and preserve all the fossil treasures you find. Bring your own tools or borrow from our limited supply. No experience necessary. All ages welcome — this program will run rain or shine, dress for the weather. **Included with admission or FREE for Penn Dixie members.** Select "Fossil Hunting for Beginners" tour-time option when registering online, for no additional charge. [Register Here](#)

Buffalo Ornithological Society Bird Count-9 to 11am at Evangola State Park. Be a part of the fun as we bird the lakeshore to tally species for the Buffalo Ornithological Society October Count. This count has been taking place since 1939! *For information and registration call (716) 549-1050.*

Landscape tours at Frank Lloyd Wright's Martin House Landscape Tours- 1:30 p.m. (Saturday and Sunday through Oct. 31) at the Darwin Martin House, 125 Jewett Parkway, Buffalo. Docent-led tour. Please note that this 90-minute tour is primarily outside, so be sure to plan ahead for the weather. This tour will take place rain or shine. The price is \$30 for the public and \$25 for members of Darwin Martin House. [Register for a tour here.](#)

Raising the Roots 2021!-1 to 4pm. MAP's annual fundraising event. Your attendance at this fun food and education based event will support MAP's mission to increase access to fresh, local, affordable produce for folks in the city who are experiencing the impacts of food apartheid and food insecurity. Guests will have the opportunity to explore MAP's 1.5 acre Urban Farm and Farmhouse & Community Food Training Center while indulging in local, seasonal food and drinks prepared by some of Buffalo's most talented chefs and beverage purveyors. [Tickets and info.](#)

Historic Walking Tour around Hoyt Lake-Tickets are \$5 per attendee. All proceeds benefit your Buffalo Olmsted Parks. 10:00 a.m. – 11:30 a.m. Meeting place: Grand Staircase in Delaware Park, 199 Lincoln Parkway, Buffalo, NY 14222. To sign up for a walking tour, please email zhi@bfloparks.org or call (716) 838-1249, ext. 31. Each walking tour is limited to 10 attendees only.

Honey Bee Festival- 9am to 3pm Masterson's Garden Center, 725 Olean Road East Aurora, NY, 14052. [Info.](#)

Leaf Peeper Hike-1 to 3pm. Join Director of Education, Lauren Makeyenko for a beautiful Fall hike around Beaver Meadow preserve as we take in the sights, sounds and smells of Autumn. Bring a camera and cross your fingers for a crisp Autumn Day. \$8 BAS Members. \$10 Non-members. [Register.](#)

Nature's Gifts: Wild Foods and Medicine-10:00am-12:30pm at JP Nicely Aurora Town Park, West Falls. Join Earth Spirit Director Sandy Geffner on a gentle walk in search of plants that can provide wild foods and medicines. Learn how to correctly identify, give thanks, and sustainably harvest these gifts. This will be a program geared toward participants ages 12 and up. [Register.](#)

Boo Bash-6 to 9pm. It's time to eat, drink, and be scary at Boo Bash at the Buffalo Zoo! The Zoo is open after-hours for a spooktacular party for adults-only (21+, valid ID required). Make your way through the Trail of Treats featuring bewitching bites and spell-binding cocktails. Have a howling good time dancing the night away with our DJ, keep your eyes peeled for our other spooky surprises lurking in the shadows! Give us "pumpkin" to talk about and don your best costume or keep it casual for this "fa-boo-lous" evening at the Buffalo Zoo. Space is limited so get your tickets today—it's sure to be a gourd of a good time! This is strictly for guests age 21 and over. Valid ID is required and will be checked before entering the event. Please drink responsibly. Do not drink and drive. [PURCHASE TICKETS HERE](#)

Owl Prowl : Sprague Brook Park-6:30 to 8:30 PM at [Sprague Brook](#) - Overflow Parking Area for A/B Camping Loops. Registration is required for all Programs. Join Rangers Stephanie and Roy for a hike where we will listen and look for owls. We will also discuss the biology of these fascinating and specialized birds. Dress for the weather, wear sturdy boots and bring a headlamp for this "crepuscular" event. [Register for Owl Prowl : Sprague Brook Park](#)

Sunday, October 10

Landscape tours at Frank Lloyd Wright's Martin House Landscape Tours- 1:30 p.m. (Saturday and Sunday through Oct. 31) at the Darwin Martin House, 125 Jewett Parkway, Buffalo. Docent-led tour. Please note that this 90-minute tour is primarily outside, so be sure to plan ahead for the weather. This tour will take place rain or shine. The price is \$30 for the public and \$25 for members of Darwin Martin House. [Register for a tour here.](#)

Honey Bee Festival- 9am to 3pm Masterson's Garden Center, 725 Olean Road East Aurora, NY, 14052. [Info.](#)

WNY Iris Society- 1 p.m. at the Julia Boyer Reinstein Library, 1030 Losson Rd., Cheektowaga. A free potted iris will be given to those people who attend. Note: WNYIS does not have any dues. The presentation will be “Beautiful Iris Gardens” and “Iris Care in October.”

Boo Bash- 6 to 9pm. It's time to eat, drink, and be scary at Boo Bash at the Buffalo Zoo! The Zoo is open after-hours for a spooktacular party for adults-only (21+, valid ID required). Make your way through the Trail of Treats featuring bewitching bites and spell-binding cocktails. Have a howling good time dancing the night away with our DJ, be mesmerized by our magicians, sword swallows, and other curious characters, and keep your eyes peeled for our other spooky surprises lurking in the shadows! Give us “pumpkin” to talk about and don your best costume or keep it casual for this “fa-boo-lous” evening at the Buffalo Zoo. Space is limited so get your tickets today—it's sure to be a gourd of a good time! This is strictly for guests age 21 and over. Valid ID is required and will be checked before entering the event. Please drink responsibly. Do not drink and drive. [PURCHASE TICKETS HERE](#)

Monday, October 11

In Search of Fall Foliage- 1 to 3pm at Evangola State Park. A walk along the Lake Erie shore to search for the first glimpses of fall colors and to enjoy the change of seasons. *For information and registration call (716) 549-1050.*

Slow Roll Buffalo- 5:30pm. PUSH Buffalo. www.slowrollbuffalo.org

Tuesday, October 12

Talking Water-Free webinar at either noon or 7pm. [Register.](#)

“IMAGINE Lifelong Learning Lecture Series”- 12:30 P.M. – 1:00 P.M. Mary Roberts
– MELISSA – <https://us02web.zoom.us/j/87559266750>

One Region Forward Learning Series!- 6 to 7:30pm. Virtual. Learn how to encourage the development of affordable housing in your community and hear about successful affordable housing projects in the Buffalo Niagara region! [Register.](#)

"Botanizing the West Coast, 2021: Channel Islands to Crater Lake"-Niagara Frontier Botanical Society meeting at 7:30pm. Our speaker will be NFBS member **Wayne Gall**, who has given us numerous superb presentations in the past. Wayne is currently Regional Entomologist and Research Scientist with the NYS Department of Health, and has served as Curator of Invertebrate Zoology at the Buffalo Museum of Science. He also loves botany, and in the past has contributed articles to Clintonia. Harlem Road Community Center, 4225 Harlem Road, one block south of Main Street in Snyder.

"The Sixth Extinction" Reading and Discussion Group- 7 to 8pm online. The first of three discussion sessions of Elizabeth Colbert's Pulitzer-Prize winning book. For each of three weeks, Dr. George Harper will lead a discussion of portions of this book. The October 12 session will focus on the Prologue and Chapters 1-4. More information and registration [here.](#)

Little Tykes On The Trails- 9:30 AM to 11:00 AM. Enjoy a morning of early childhood fun with an outdoor story time, guided trail walk, and playful games to help foster the nature explorer in your child. Bring your own small snack to enjoy in our Education Center or on the Deck. Rain or shine. **Ages:** Ages 3-5 with one adult **Cost:** \$7 per child with adult (Buffalo Museum of Science Members save 10%). [Purchase Tickets](#)

Wednesday, October 13

Wild Wednesday- 4:30pm. Together, kids and their parents or caregivers can enjoy a fun hour-long outdoor activity. For children in grades K-5. No registration required. Reinstein Woods Nature Preserve.

Tree Academy Workshop: Tree Planting, Pruning, Removal, and Pests-8:30am to 3:30pm at Draves Arboretum, 1815 Sharrick Road Darien, NY 14040. For info and registration for this hands-on all day workshop, visit [here](#).

USGBC Middle Atlantic New England region: Promoting a circular economy-virtual panel presentation, 10:30am to noon. Free. [Register](#).

Hamburg Garden Club- 10 a.m. at the VFW Post 1419, 2985 Lakeview Rd., Hamburg. Wendy Zebehazy from the Orchard Park Garden Club will give a presentation on photography. Guests are welcome. If you are interested in attending as a guest, please make your reservation at lonabutler4@gmail.com

Conversations In Science: Latinx Lead Environmental Justice-6:00 PM - 7:00 PM. Plan to join us on Zoom for a panel discussion highlighting the issues that impact our Latinx communities in the Buffalo area. Hear from activists leading the charge. What is Climate Justice? What Climate Justice issues are there in Buffalo? How can we support climate justice for our black and brown communities? To submit questions in advance, email ggraham@sciencebuff.org, Free, but [register](#) for link.

Artist Spotlight: Alison Nicholls – 7 to 8 pm virtual. Conservation-themed Art Inspired by Africa. Alison Nicholls discusses her conservation-themed paintings, explaining how she chooses a conservation issue, works out how to represent it in a painting, selects an interesting composition, then creates the finished artwork. Field work is an important part of her process, and she will show images from the field and the studio as she speaks about art, conservation and Africa. One of the paintings she will focus on is *Elephant! Tembo!* which is part of the current RTPI exhibition *Art That Matters to the Planet* by members of the Society of Animal Artists. This painting contrasts two widely differing opinions of elephants – those held by tourists who visit Tarangire National Park in Tanzania, and those held by local Maasai pastoralists resident outside the national park. Alison explains how time spent sketching in Maasai communities in Tanzania gave her the idea for the painting, and how she has used the painting in the US and in Tanzania to explain the alternative attitude to elephants. This program is only available online. Go [here](#) to register.

Buffalo Ornithological Society Meeting- 7pm. BOS member, Bernie Kester, will present an evening program on her birding travels in India! This meeting will be back at the Buffalo Museum of Science!

Thursday, October 14

Park Exploration-3 to 5pm at Niagara Falls State Park. Explore the wonders in our backyard with this walk around the park and through the old growth woods that call it home. *For information and registration call (716) 282-5154.*

Wellness Walks- 10:00 AM - 12:00 PM. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led free tour of the Preserve. **Ages:** All Ages, *Please call 716.825.6397 to confirm walk will take place.*

Sustainable Business Roundtable: Buffalo Heritage Carousel -5 to 6:30pm for a Happy Hour at the incredible solar powered carousel. Network and socialize with your fellow member businesses. All guests need to be fully vaccinated or have negative covid test results within 72 hours. [Register](#).

Learn About Statewide Ballot Measures- Join League of Women Voters from 7:00-8:00 p.m. via Zoom. A discussion of four of the constitutional amendment proposals that will be on our ballots and their pros and cons: Redistricting Changes Amendment, Environmental Rights Amendment, Allow for No-Excuse Absentee Voting Amendment, Allow for Same-Day Voter Registration Amendment, There is a fifth proposal relating to the NYC Civil Court which will not affect voters in Niagara or Erie County. Webinar link <https://us02web.zoom.us/j/89555215303>.

Green Drinks-5:30pm at Resurgence Brewing Company, 55 Chicago St, Buffalo, NY 14204. The event is also listed on Facebook (<https://fb.me/e/1qkDZsKMI>) or on the Green Drinks webpage (<http://www.greendrinks.org/NY/Buffalo>). Feel free to share it with anyone you think might be interested!

Friday, October 15

Preservation, Resiliency & Sustainability: Planning for New York's Future-9am to 2pm. We invite preservation commission members, preservation nonprofit staff and advocates, planners, architects, and other planning and preservation professionals living and/or working in New York State to join us for this special three-part virtual series focused on timely topics including resilience and disaster planning, sustainability upgrades and geothermal energy, and section 106. [Click here for more info and links to register](#)

Goat's Milk Soap-Making Class- 1:00 PM - 3:30 PM. Making your own soap is easier than you think! In this class, you will make a goat's milk-based soap to take home! All materials will be provided. (\$25/person, Limited to 12 students). Email djf18@cornell.edu for sign up and payment details. Fee \$25.00

Saturday, October 16

Autumn Colors-10am. Reinstein Woods Nature Preserve. Fall foliage is a blaze of color, from flaming oranges and reds to subtle yellows. Enjoy the beauty of autumn's trees on this guided walk. Registration required; call 716-683-5959.

Woods Walk: Changing Seasons-1pm. How do you know the seasons are changing? Join a guided nature walk to find out. No registration required. Reinstein Woods Nature Preserve.

Landscape tours at Frank Lloyd Wright's Martin House Landscape Tours- 1:30 p.m. (Saturday and Sunday through Oct. 31) at the Darwin Martin House, 125 Jewett Parkway, Buffalo. Docent-led tour. Please note that this 90-minute tour is primarily outside, so be sure to plan ahead for the weather. This tour will take place rain or shine. The price is \$30 for the public and \$25 for members of Darwin Martin House. [Register for a tour here.](#)

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.

Garden in a Jar-1pm. Create your own tropical oasis at the [Buffalo and Erie County Botanical Gardens](#), 2655 South Park Ave., Buffalo. Prices are \$18.50 for everyone (including members) ages 12 and up; \$14.50 for everyone (including members) ages 3-12; and free for children 2 and under. This special all-ages workshop will be held at the Botanical Gardens with [safety guidelines](#) in place. Join one of their educators as you learn how terrariums work, how to create an enclosed ecosystem, and how to care for your tropical plant. This fun workshop includes all materials needed to build a tropical terrarium. Plastic "jars" will be provided, but participants are welcome to bring their own enclosed (preferably wide-mouthed) quart-sized jar. Admission to the Botanical Gardens is also included so participants can take a self-guided tour through the Botanical Gardens after the workshop. [Register.](#)

Creepy Creatures-5 to 6:30pm at DeVeaux Woods State Park. Come out and discover what makes some of our least loved local creatures so fascinating and unique. Opossums and bats and spiders - Oh my! ***For information and registration call (716) 282-5154.***

Forest Bathing Walk-2 to 4pm. Beaver Meadow Audubon Center. Forest Bathing is sensory awareness in nature, and when practiced with other human and other-than-human beings, is an observance of how we engage with our world. These programs are open to people ages 14+. Minors must be accompanied by a registered adult. \$10 BAS Members. \$12 Non-members. This event will begin from the Arboretum Parking Lot at Beaver Meadow. [Register.](#)

Sunday, October 17

Landscape tours at Frank Lloyd Wright's Martin House Landscape Tours- 1:30 p.m. (Saturday and Sunday through Oct. 31) at the Darwin Martin House, 125 Jewett Parkway, Buffalo. Docent-led tour. Please note that this 90-minute tour is primarily outside, so be sure to plan ahead for the weather. This tour will take place rain or shine. The price is \$30 for the public and \$25 for members of Darwin Martin House. [Register for a tour here.](#)

A Dose of Nature: Forest Bathing-9-11am at Deveaux Woods State Park. Immerse yourself in the forest with a certified Nature and Forest Therapy Guide. Awaken your senses, slow down and reconnect with nature. Be guided through a series of invitations to connect with your senses and the environment. The walk will blend solitude in nature with light dialogue - wandering, sitting, and standing, covering no more than a mile. We will conclude with tea (not provided) under the trees. *For information and registration call (716) 282-5154.*

Colors of Niagara Gorge Bike Ride-Noon to 2pm at Artpark State Park. The Niagara Gorge shows off its fall beauty on a round trip 8bike ride from Artpark State Park to Whirlpool State Park. *For information and registration call (716) 549-1050.*

Birding Field Trip: Batavia Wastewater Treatment Plant-Leader Doug Beattie (585) 356-3007 or sbeattie@rochester.rr.com. Meet at the operations center at 9 AM. The facility is located at the end of Industrial Blvd, which is off Pearl St. (Rte 33) at the western edge of the city of Batavia. Doug Beattie will again lead our group through the famous wastewater treatment plant. This complex is a bonafide birding hotspot and has attracted such gems as Northern Wheatear, Harlequin Duck, Piping Plover and Eared Grebe. Last year a Neotropical Cormorant was found at this location along with a Laughing Gull. This will be a 1/2 day trip wrapping up around 1230-1. Bring snacks and a beverage! You will want to bring your spotting scope if you own one as many birds are out in the middle of the settling ponds. This trip is by personal automobile for most of the time, getting out occasionally to scope for waterfowl and/or shorebirds.

Sunday Hike : Eighteen Mile Creek-9:00 AM to Noon at [Eighteen Mile Creek](#) - Eighteen Mile Creek Parking Lot (South Creek Road). This week Ranger Nikki will be focusing on fall leaves. [Register for Sunday Hike : Eighteen Mile Creek](#)

Monday, October 18

Slow Roll Buffalo-Meet at 5:30pm. Adam Mickiewicz Library. www.slowrollbuffalo.org

Tuesday, October 19

"IMAGINE Lifelong Learning Lecture Series"-12:30 P.M. – 1:00 P.M. Ed Healy & Mike Even – LEAH – <https://us02web.zoom.us/j/83853177057>

"The Sixth Extinction" Reading and Discussion Group - 7 to 8pm. The second of three discussion sessions of Elizabeth Colbert's Pulitzer-Prize winning book. For each of three weeks, Dr. George Harper will lead a discussion of portions of this book. The October 19 session will focus on the Chapters 5-9. More information and registration [here](#).

Virtual: Make The Most Of Your Tiff Nature Preserve Visit-7:00 PM - 8:00 PM. Tiff Nature Preserve is one of the first urban nature preserves established in America and its significance does not stop there! Grab your favorite beverage and join us on Zoom for a beginner's (AND expert's) guide to all things Tiff to get the most out of your visit. Whether you are hiking with an adult or with young children, what can you see, do, and be amazed by on your next visit to Tiff?

Ages: 18+. Cost: Registration for this program is free, or choose to support Tiff's mission by paying \$6.00. *This is a virtual program. A Zoom link will be emailed upon registering.* [Purchase Tickets](#)

Wednesday, October 20

Full Moon Walk-7:30pm. Discover Reinstein Woods by moonlight on this guided evening walk. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Full Moon Owl Prowl-6:30 to 8:30pm at Knox Farm State Park. Under the glow of a full moon, embark on an owl prowling and listen to the unique sounds of the woods at night. *For information and registration call (716) 549-1050.*

Olmsted Parks Public District Meetings-6 to 7:30pm. St. Mark's and All Saints' Parish Hall, 256 Riverside Ave. RSVP to Zach Garland, zach@bfloparks.org

Facilities Management Expo-10am to 4pm. Hamburg Fairgrounds. [Schedule and registration](#). Free for attendees.

Thursday, October 21

Wellness Walks- 10:00 AM - 12:00 PM. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led free tour of the Preserve. **Ages:** All Ages, *Please call 716.825.6397 to confirm walk will take place.*

Friday, October 22

A Stroll Along the Gorge-10am to 11:30am at Artpark State Park. Take in familiar views through the years changing environment. Enjoy crisp air with family and friends on this gorgeous walk. *For information and registration call (716) 282-5154.*

Halloween Family Night Hike-7:00 PM to 8:30 PM. Venture into the woods and through the marsh on a guided hike to find out who or what has been on the Tiff Trails at night. Investigate mysterious sounds, smells, and textures in the dark. End with hot cider and delicious doughnuts! Ages: 5+, Cost: \$8 per person (Buffalo Museum of Science Members save 10%). [Purchase Tickets](#)

Saturday, October 23

Educator Workshop: Project Learning Tree-9am to 3:30pm. Project Learning Tree is an award-winning environmental education program featuring an interdisciplinary, hands-on curriculum that uses the forest as a window on the world. All activities are correlated to Common Core math and ELA standards. Six CTLE hours provided. For formal and non-formal educators of students in grades Pre K-8. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Landscape tours at Frank Lloyd Wright's Martin House Landscape Tours- 1:30 p.m. (Saturday and Sunday through Oct. 31) at the Darwin Martin House, 125 Jewett Parkway, Buffalo. Docent-led tour. Please note that this 90-minute tour is primarily outside, so be sure to plan ahead for the weather. This tour will take place rain or shine. The price is \$30 for the public and \$25 for members of Darwin Martin House. [Register for a tour here.](#)

Introduction to Horticulture-In person class at Buffalo & Erie County Botanical Gardens, 11am to 1pm. General Public - \$25 per class, Members - \$22.50 per class or take entire series. [Register](#). Topic: Introduction to Garden Design.

Fall Foliage Dog Walk-10am to 11:30am at Artpark State Park. Escape the stress of everyday life and reconnect with nature. Join us for a walk with your furry friend. *For information and registration call (716) 282-5154.*

Trick or Treat Hike- Tickets are on sale for at a price of \$15 per person. Beaver Meadow Audubon Center. For more information about the event, visit our [website](#). Our special event is a daytime visit with nocturnal creatures that call Beaver Meadow their home (played by costumed interpreters), hands-on crafts, games, a basket raffle and live animals! This family-friendly program is a unique way to celebrate Halloween with your young ones that you'll remember for a lifetime. Participants will purchase tickets for a certain departure time and leave from the Deer Meadow parking area for a self-guided adventure through the woods and meadows. Each time slot will allow for 15 individuals.

Terror-Ariums- 2:00 PM - 3:30 PM. Be the creator of your own microcosm in this terrarium-building workshop. View sinister models of deadly plants while creating a living scene to keep you company through the dark winter nights. Ages: 16+, Cost: \$30 per participant, 10% off for BMS Members (includes Museum admission) *Cost includes \$15 fee for terrarium, substrate and plants.* [Purchase Tickets](#)

Nightmare on Zoo Street-2:00-3:30 at the Buffalo Zoo. *Ages 13+*. Celebrate the spooky season by spending time with the animals from all of your favorite scary movies and one of our zookeepers. We will meet the animals of our nightmares and see that they aren't as scary as they seem. If you are both an animal lover and a scary movie buff, this is the workshop for you! [Register and pay.](#)

Sunday, October 24

Landscape tours at Frank Lloyd Wright's Martin House Landscape Tours- 1:30 p.m. (Saturday and Sunday through Oct. 31) at the Darwin Martin House, 125 Jewett Parkway, Buffalo. Docent-led tour. Please note that this 90-minute tour is primarily outside, so be sure to plan ahead for the weather. This tour will take place rain or shine. The price is \$30 for the public and \$25 for members of Darwin Martin House. [Register for a tour here.](#)

Sunday Hike : Bureau of Forestry-9:00 AM – Noon at [Bureau of Forestry](#) - Sugar Shack. This week Ranger Roy will focus on trail etiquette. [Register for Sunday Hike : Bureau of Forestry](#)

Monday, October 25

Slow Roll Buffalo-Meet at 5:30pm. Flying Bison Brewery. www.slowrollbuffalo.org

Tuesday, October 26

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

"IMAGINE Lifelong Learning Lecture Series"-12:30 P.M. – 1:00 P.M. Catherine Schweitzer & Bob Skerker – MELISSA – <https://us02web.zoom.us/j/89705367510>

"The Sixth Extinction" Reading and Discussion Group- 7 to 8pm. The third of three discussion sessions of Elizabeth Colbert's Pulitzer-Prize winning book. For each of three weeks, Dr. George Harper will lead a discussion of portions of this book. The October 26 session will focus on the Chapters 10-13. More information and registration [here](#).

Wednesday, October 27

Effects of Total Nitrogen and Total Phosphorous on Chlorophyll-a Concentrations in Flowing Waters – 2 to 3pm webinar with EPA. <https://www.epa.gov/water-research/water-research-webinar-series>

Amherst Garden Club-10 a.m. at St. John's Lutheran Church, 6540 Main St., Williamsville. Please use the entrance to the parish building by the back parking lot. Peggy Nash, Niagara County Master Gardener the Herb Lady, will discuss "Legends and Lore of Herbs."

NY State Invasives Talk-11am. Virtual. Dr. Dede Olson, Research Ecologist, US Department of Agriculture, Forest Service Biosecurity Priorities to Forestall Amphibian Chytrid Transmission Rob Williams – SLELO. , go to this [Zoom](#) link (password: invasive).

Citizens Regional Transit Meeting-5:30 – 7:00pm via [zoom](#). We will discuss the proposed East Side / Airport Metro Rail extension from the perspectives of achieving regional goals of equitable access and economic development. Research conducted over the summer of 2021 by CRT's High Roads Fellow will be presented.

An Evening with Ed Marx of the Wildlands Network -7:00 to 8:00PM via Zoom/YouTube. FREE. The Allegheny Wildlands is home to a spectacular diversity of plants and animals, including black bear, bobcat, rare orchids, and even some of the last surviving American Chestnut trees. Ed Marx will discuss the Eastern Wildway, an effort to create a wildlife corridor from the Gulf of Mexico to eastern Canada, and the significant impact forests like the Allegheny Wildlands have on protecting plants and animals. You'll also hear from Jajeen Rose-Burney, our Deputy Executive Director, about how you can save the Allegheny Wildlands. [REGISTER](#)

Thursday, October 28

Building Community through Gardening-2pm webinar. Are you curious about gardening in your community? Gardening can be a great way to bring people of all backgrounds together to improve their community and grow healthy food. Join us to hear from folks who are doing incredible gardening work in their community. [Register.](#)

UB Electronics Recycling and Food Donation- 7:30 am – 12:30 pm at the Center for Tomorrow parking lot. [Details and acceptable materials.](#)

Wellness Walks- 10:00 AM - 12:00 PM. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led free tour of the Preserve. **Ages:** All Ages, *Please call 716.825.6397 to confirm walk will take place.*

Friday, October 29

Preservation, Resiliency & Sustainability: Planning for New York's Future-9am to 12pm. We invite preservation commission members, preservation nonprofit staff and advocates, planners, architects, and other planning and preservation professionals living and/or working in New York State to join us for this special three-part virtual series. [Click here for more info and links to register](#)

Halloween Family Night Hike-7:00 PM - 8:30 PM. Venture into the woods and through the marsh on a guided hike to find out who or what has been on the Tiff Trails at night. Investigate mysterious sounds, smells, and textures in the dark. End with hot cider and delicious doughnuts! Ages: 5+, Cost: \$8 per person (Buffalo Museum of Science Members save 10%). [Purchase Tickets](#)

Saturday, October 30

Halloween Stories in the Woods by Woven Yarns -10:30am. This unique combination of a singer-songwriter and a storyteller will create a nature-themed, family-friendly Halloween event by blending original songs with traditional folktales. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Landscape tours at Frank Lloyd Wright's Martin House Landscape Tours- 1:30 p.m. (Saturday and Sunday through Oct. 31) at the Darwin Martin House, 125 Jewett Parkway, Buffalo. Docent-led tour. Please note that this 90-minute tour is primarily outside, so be sure to plan ahead for the weather. This tour will take place rain or shine. The price is \$30 for the public and \$25 for members of Darwin Martin House. [Register for a tour here.](#)

The Dark Side of Nature : Ellicott Creek Park-9:00 - 10:30 AM at [Ellicott Creek](#) - Soccer Field Parking Area. Registration is required for all Programs, Chupacabra, werewolves, the kracken; natural phenomena and the human imagination together have made some of the most fantastic stories and creatures. So to get ready for Halloween, join Ranger Stephanie to learn the dark secret of these spooky creatures and learn about a few other creepy tales that take place in the great outdoors. The program will be a guided hike through the park and all ages are welcome. Participants are asked to dress appropriately for the weather and bring their 10 essentials. [Register for The Dark Side of Nature : Ellicott Creek Park](#)

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

Sunday, October 31

Landscape tours at Frank Lloyd Wright's Martin House Landscape Tours- 1:30 p.m. (Saturday and Sunday through Oct. 31) at the Darwin Martin House, 125 Jewett Parkway, Buffalo. Docent-led tour. Please note that this 90-minute tour is primarily outside, so be sure to plan ahead for the weather. This tour will take place rain or shine. The price is \$30 for the public and \$25 for members of Darwin Martin House. [Register for a tour here.](#)

Foundations of Horticulture-Classes will again be onsite at the Buffalo and Erie County Botanical Gardens, 2655 South Park Ave., Buffalo. 11am to 1pm on Saturdays.. You can sign up for a single class or the entire series. [Sign up here.](#) Topic: Soil Science for Gardeners.

All Potholes Eve Slow Roll-12 to 6pm. Limited capacity! A ghoulishly-guided 31-mile roundtrip ride, with Chiavetta's chicken dinner, Flying Bison beer, stop for treats, Halloween costume afterparty, a commemorative T-Shirt and more! Don't want to ride 31 miles? Purchase a ticket for a Chiavetta's dinner ready anytime between 2-6pm! This ride is rated GEAR 3. Longer mileage and a slightly faster pace make it appropriate for more experienced riders. All proceeds go to keeping Slow Roll Buffalo free for all. [Tickets and info.](#)

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. Consider supporting [S.4816/A.6882](#), a Krueger/Cahill bill that would eliminate many of the most egregious tax subsidies and expenditures that New York State currently offers to the fossil fuel industry. If passed, the bill would be a critical move to protect our planet, signaling that our state will no longer prop up the very industry that fuels the climate crisis, and saving over \$330 million every year in taxpayer money. Read more about the bill and campaign [here](#)
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:

Fall Closet Clearout- From clothing swaps, to hand me downs, to mixing and matching and adding fun accessories -- clothes you already own can get a new look and extended life. Remember-don't put clothing in recycling bins, wait for a textile drive. Try natural stain removing solutions-1/4 cup of baking soda, 1/4 cup of white vinegar, a drop of Castile soap, and 2 cups of cold water (hot water sets stains). Mix. Spray on a stain, rub it in, let it sit, and then scrub it off. Toss it into the washer if needed. Dye your clothes if too stained or use for crafts. [Visit DEC's website](#) for more tips.

Remember to vote in November-there will be a vote to add a Green Amendment to the State's Constitution which would ensure the ALL NYers to have a right to clean air and water. Learn more about the [Environmental Rights Amendment](#).

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 National Wildlife Refuge-lots of options at https://www.fws.gov/refuge/Iroquois/what_we_do/get_involved.html

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](#)!

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

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

Additional calendars with local events-

<http://www.citybration.com>

<http://www.buffalospree.com>

<http://www.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/>

Useful Tools:

[Tree Equity Score Tool](#)- tree cover with social and demographic statistics

[Climate Change and Birds Visualizer](#)- examines how birds are faring across regions

[Crop Condition and Soil Moisture Analytics](#) -high-resolution data that can help plan spring planting, track damage

[Climate Change Solution Simulator](#)-En-ROADS is a policy simulator

[BirdCast](#) offers real-time migration maps showing where birds are and in which direction they're going

[Personal Plastics Footprint Calculator](#)- measure your footprint for a week or year

[Climate Change Indicators in the United States](#)

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

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

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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>
[NY Greenways interactive map](#)

Green Jobs, Internships and Opportunities

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

Youth Summer/Holiday Camps/Home School Series

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

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/>
[Erie Grown website](#)

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>

Erie County Grown- www.erie.gov/eriegrown

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, SunKing 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.sunking.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](http://realsimple.com)

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](#)

[Basics of Organic Farming](#) is a self-directed online course for beginning orchard and vegetable-crop farmers

[Our Farms, Our Future](#) podcast series

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.

[Merlin Bird ID app](#) Bird id by song

[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.](#)

[Socially Responsible Investing and Banking](#)

[Bee Better Certified™](#) - pollinator-focused farm certification program

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

Adirondack Mountain Club-Niagara Frontier Chapter

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

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

AIA Buffalo Western NY

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

Air and Waste Management Association

<https://awmanfs.wildapricot.org/>

Allegany Nature Pilgrimage

<http://alleganynaturepilgrimage.com/>

Alliance for the Great Lakes

www.greatlakes.org

American Planning Association-WNY Section/Upstate

www.wnyapa.com

American Meteorological Society-WNY Chapter

www.facebook.com/amswnychapter

Amherst State Park Arboretum

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

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.buffaloaudubon.org
Buffalo Blueway	https://buffaloblueway.com/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	https://www.buffaloinbloom.com/
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	https://buffalo-orienteeing.org/
Buffalo Ornithological Society	https://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Buffalo Women of Env. Learning/Leadership (BWell)	https://www.bwell.community/

Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
Clarence Bluebird Trail	https://lambluebirdtrail.org/
Clean Air Coalition of Western New York	https://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.coalitionpositive.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cooperation Buffalo	https://www.cooperationbuffalo.org/
Cornell Cooperative Extension for Cattaraugus County	http://cattaraugus.cce.cornell.edu/
Cornell Cooperative Extension for Chautauqua County	http://chautauqua.cce.cornell.edu
Cornell Cooperative Extension for Erie County	http://erie.cce.cornell.edu/
Cornell Cooperative Extension for Niagara County	http://cceniagaracounty.org/
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.finwr.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/GreenWorksBN/
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
Hope Rising Together	https://ltlol.com/
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Inland Ocean Coalition-Buffalo Chapter	https://inlandoceancoalition.org/whoweare/chapters/buffalo/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/

Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jssbuffalo.com
Lake Erie Watershed Protection Alliance	http://www.erie.gov/lewpa
Leadership Buffalo	https://www.leadershipbuffalo.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
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-101363388708865/
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
Providence Farm Collective	http://providencefarmcollective.org/
PUSH Blue	https://www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	https://levesqueinstitute.niagara.edu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://rocbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/
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	www.facebook.com/South-Buffalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	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	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/>