

Enviro-News

September, 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:

Green Drinkers!

The next Green Drinks meet up is **Thursday September 9th** at 5:30pm. We will be heading to Flying Bison Brewing Company (840 Seneca St., Buffalo, NY 14210). The event is also listed on Facebook (<https://fb.me/e/1E1Wn8v93>) or on the Green Drinks webpage (<http://www.greendrinks.org/NY/Buffalo>).. Feel free to share this with anyone else you think that may be interested. Hope to see you then!

Sustainable Sourcing Seminar and Happy Hour

Join the Western New York Sustainable Business Roundtable on **September 16** for a Sustainable Sourcing Seminar and Happy Hour from 2:30 to 6:30 pm. The products you and your business purchase make a difference! Join us to learn about different green product certifications, how to identify and avoid greenwashing, and other important factors to consider when making purchasing decisions large or small. Our guest speakers will also share details on the publicly available GreenNY Product Specifications which can be used as a valuable reference for over 60 categories of product purchases. Happy Hour to follow. Buffalo Yacht Club, 1 Porter Avenue, Buffalo, NY 14201. Free to SBR members, \$15 others. Register [here](#)!

Reinstein Woods' Fall Festival

The New York State Department of Environmental Conservation (DEC) invites the public to participate in Reinstein Woods' 2021 Fall Festival from **Thursday, Sept. 16, through Monday, Sept. 20**. The festival offers a variety of nature hikes and outdoor programs at Reinstein Woods Nature Preserve in Cheektowaga. The festival kicks off Thursday, Sept. 16, with a Fall Bird Migration Hike led by staff from the State Office of Parks, Recreation and Historic Preservation. On Thursday evening, the Buffalo and Erie County Botanical Gardens is offering a terrarium workshop. From Friday, Sept. 17 to Monday, Sept. 20, DEC staff and volunteers will lead a variety of nature activities for kids and families, and on Friday, Sept. 17, a DEC Forest Ranger will demonstrate how Rangers use drones to assist with search and rescue efforts. A [full schedule of events can be found online](#). While most activities require registration, some do not. To register, call Reinstein Woods at (716) 683-5959.

2021 NYS Recycling Leadership Awards - Accepting Nominations

New York State Association for Reduction, Reuse and Recycling (NYSAR3) has opened their annual NYS Recycling Leadership Awards nomination period. These awards acknowledge those who have worked tirelessly for recycling, composting, reuse and waste reduction initiatives in New York State. Nominees do not have to be a NYSAR3 member. Award Categories: Lifetime Achievement, Citizen, Public Sector, Private Sector, Educational Institution and Innovation. [Submit your nomination for the 2021 NYS Recycling Leadership Awards by Wednesday, September 8, 2021.](#)

Solar-Powered Heritage Carousel: Buffalo Rotary Carousel Carnival

Celebrate the new solar-powered Buffalo Heritage Carousel, restored from its original build in 1924, with a free carnival **September 10-12**. Enjoy carousel rides, carnival games, food, and fun for kids throughout the day, followed by the annual Duck Derby. Hosted by the Buffalo Rotary Club. For info, [Buffalo Rotary Presents Carousel Carnival](#)

Celebrate Insects at Insectageddon

Insectageddon Buffalo on **September 25** will celebrate insects and raise awareness about the critical role they play on our planet. This program is presented by The Buffalo Museum of Science in collaboration with Just Buffalo Literary Center, Eastern Monarch Butterfly Farm, The Riverline, and the Old First Ward Community Center. This event is part of a nationwide effort by the High Line Network and its members. The event from 11am to 1pm is at Father Conway Park, 325 Ohio St., Buffalo. Please [Register](#) for this free event.

Scajaquada September Events

Buffalo Niagara Waterkeeper is leading a number of events around Scajaquada Creek. These include cleanups and virtual and in person scavenger hunt. For more on the month's activities, visit www.bnwaterkeeper.org/scajaquada-september.

ModernWNY 2021 is Coming!

What is ModernWNY? ModernWNY is a week dedicated to Western New York's rich tradition of architectural experimentation that not only transformed our region but influenced modern architectural sensibilities around the world. Preservation Buffalo Niagara has been celebrating modernism across the Western New York region since 2019. This year our [2021 event lineup](#) from **September 13-18** includes one virtual lecture, two self-guided travelogues, and two in-person tours.

Doors Open Buffalo is back for 2021

Enjoy free access to downtown buildings on **Saturday, September 25** and special "Buffalo and Beyond" offerings at local cultural on **Sunday, September 26**. Doors Open Buffalo is following all CDC, New York State and Erie County COVID-19 policies. <http://doorsopenbuffalo.org/>. [Required registration](#).

Household Hazardous Waste Collections for 2021

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

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

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

Sunnking Electronics Dropoffs

Due to high demand, Sunnking has added additional event dates for WNY residents to responsibly recycle their devices [September 18th in Niagara Falls](#) (Fashion Outlet Mall) and [October 16th in Williamsville](#) (Eastern Hills Mall). Anyone still hoping to recycle their devices can register for e-Recycling Events at sunnking.com/events or use our drop-off site locator at sunnking.com/dropoff.

National CleanUp Day

Mark your calendar! National CleanUp Day is coming up on **September 18th, 2021**. Help break records by holding the world's largest day of cleanups and we need your help. Register a Public CleanUp and organize your own cleanup or explore our centralized hub for volunteer opportunities. [Sign up](#)

2021 North American Invasive Species Management Association (NAISMA) Conference

This year's North American Invasive Species Management Association conference will be held **September 27 through September 30**. This conference prides itself as the only of its kind to bridge geographic divides between West and East, North and South, land and water, and connect science to action through research, policy, and outreach initiatives and opportunities across North America. [Learn more about the conference](#) and [register](#) on NAISMA's website.

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/>

Community Downtown Revitalization Funding Available

The Western New York Regional Economic Development Council (WNY REDC) has announced that Round 5 of the NYS Downtown Revitalization Initiative (DRI) is now open to communities across the five-county Western New York region, which includes Allegany, Cattaraugus, Chautauqua, Erie and Niagara. Each region will be awarded \$20 million with the opportunity to award funding to one community totaling \$20 million, or award \$10 million each to two communities. Full details are available on the [WNY REDC website](#). Deadline for submission is **Wednesday, September 15th at 4 p.m.**

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**. The release of the draft UMP complements the recent release of emergency regulations to improve public safety at Zoar Valley and Onondaga Escarpment Unique Area and supports DEC's ongoing efforts to improve the visitor experience at Zoar Valley. DEC invites the public to attend a [Niagara Frontier UMP Virtual Public Meeting](#) via WebEx on **Wednesday, Sept. 15, 2021**, from 6:30 - 8 p.m. The meeting will include a DEC staff presentation about the Niagara Frontier Unit Management Plan followed by a question and answer period. To register for the meeting, visit the WebEx Event Information page (leaves DEC's website).

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 of this RFA 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. Such activities must be described in or otherwise consistent with agricultural and farmland protection plans that have been adopted by counties or municipalities. 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.

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](#).

Help Inform a Waste Reduction Campaign-Take the Quick Survey

In an effort to reduce the trash that's piling up — and the amount of waste that's created in the first place - the Center for Biological Diversity is conducting research to understand the best terms to use regarding this. Please take this short 7-minute survey (<https://bit.ly/WasteWords21>) to help inform future communication strategies. We need your help to find the best terms to use when talking about waste management practices.

Double Up Food Bucks Customer Survey

Every year, in partnership with CCNY, we conduct a [Double Up Food Bucks Customer Survey](#) that is meant to record feedback on how the program has affected customers' food shopping and eating habits. We hope to learn more about what we can do to improve the program, as well as show the qualitative data that supports its success and importance to the communities we serve. Please share with those that you know who participate in Double Up Food Bucks. This year we will be gifting all survey participants \$10.

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

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. Consumers can also save money since they won't have to buy the same product quite as often. Because the bottle is so slippery, it's also possible to make more concentrated products; right now, bottles of conditioner are filled with water so they can be dispensed. But the new packaging can allow companies to avoid that step—and avoiding shipping water around the country—with smaller, lighter-weight bottles that have a smaller carbon footprint. 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](#).

Paddling Stewardship Program for NY State Canals Launched

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

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.

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.

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.

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.

Tools to Lower a Business Environmental Footprint

NYSERDA has kickstarted a multitude of initiatives to help New York State reach the goals put in place by the Climate Leadership and Community Protection Act (the Climate Act). **Schedule an [energy assessment](#) for your business:** a certified energy specialist will take a holistic look at all areas of your building, such as how well it’s insulated, the effectiveness of your heating and cooling equipment, lighting characteristics, and indoor air quality. From there, they will help you develop and implement a custom roadmap to make both short and long-term energy-saving improvements. **Consider clean energy training for employees:** NYSERDA offers clean energy workforce development support. For more information visit the [website](#) or download our [fact sheet](#). **Tune up your HVAC system. Make the 3Rs ((reduce, reuse, recycle) a regular part of your business practice.** Purchasing recycled paper, working with vendors committed to more sustainable supply practices for commonly used items (such as coffee cups, plates and silverware), or purchasing refurbished phones and IT equipment are all easy ways to reduce your business’ carbon footprint. **Invest in energy efficient lighting.** There are a number of available [programs and incentives](#) to help make lighting upgrades an easy item to cross off your to-do list.

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.

New Math Text for College Humanities Students Developed Locally

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

New York Harmful Algal Blooms Notification and Reporting System for 2021

DEC is, once again, using an online Harmful Algal Blooms (HABs) map and reporting system to inform the public about HABs locations in New York. The reporting system features an interactive map updated daily with reports of HABs. DEC is asking the public and trained algal bloom samplers to send reports of HABs with photos electronically via a [simple, mobile phone-friendly form](#). After DEC and Department of Health (DOH) evaluate the reports, they are posted to [NYHABS](#). For more information about HABs, visit DEC's [Harmful Algal Blooms \(HABs\) webpage](#).

Love Our NY Lands!

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

Take the 2021 I Bird NY Challenge!

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

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, they can 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.](#)

Niagara County Passes Solar Panel Producer Responsibility Law

Niagara County became the nation's first local government, and only the second jurisdiction in the United States, to pass a [law](#) requiring producers of solar panels sold in the county to finance and manage their safe reuse and recycling when decommissioned. The new program requires solar panel manufacturers to register with the county and submit a plan for approval that details how panels no longer in service will be collected and recycled to meet environmentally protective standards. Manufacturers must provide collection services at no additional costs to all residents at convenient locations throughout the county. They must also meet performance goals for the recovery and responsible management of panels: recovering 100% of panels and reaching a combined reuse and recycling rate of 65% five years after the program goes into effect (which will rise to 85% at the 10-year mark).

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.

Clear Lake Wildlife Management Area Acquired

DEC [recently acquired](#) 525 acres in the town of North Collins, Erie County, to create the [Clear Lake Wildlife Management Area \(WMA\)](#). The land offers hunting, fishing, trapping, wildlife viewing, hiking, kayaking, and canoeing and becomes the largest State-owned WMA in Erie County. DEC also recently installed two parking areas to improve public access to the site. The parking area located on the lake's east side is designated for use by visitors' hand-launching small boats, kayaks, or canoes. Please note that use of trailers is not allowed.

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](#)

Funding for Projects to Shift to Carbon Neutral or Net Zero Energy Performance

NYSERDA has funding available for the [Carbon Neutral Economic Development Program](#) (CNED). The purpose of this program is to support the planning, design, and installation of economic development projects to operate at carbon neutral or net zero energy performance. The program targets projects that align with the Region's or the State's Economic Development and Energy Priorities and offers the customer phased incentive payments. Eligible Types of Applicants include: Commercial Facilities (not including multifamily), Agricultural Facilities, Food Processing Facilities, Restaurants, Wineries, Breweries, Distilleries, Public and Private K-12 schools, Colleges and Universities, Healthcare Facilities, Municipalities (Local Government), State Agencies & Other State Government, Not-for-profit Corporations, Private Developers, Mixed Use, Warehouse and Distribution Facilities. Applications are submitted through the New York State Consolidated Funding Application. [Apply.](#)

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.

Spray On Road Treatment Cools Cities and Absorbs Exhaust Fumes

Heat island effects caused by pavement can make temperatures in cities ten degrees warmer than surrounding rural areas. Pavement Technology Inc. has created a new treatment for roads to help cool things down. Their spray-on treatment, called A.R.A.-1 Ti, uses a base of titanium oxide, a common ingredient in sunscreen and paint. With sunlight, the spray compound's electrons are activated, absorbing and dispersing heat and light. In addition to cooler temperatures, the spray also absorbs car exhaust fumes, improving air quality. According to the company, spraying one mile of road with the product offers the same air quality benefits as planting 20 acres of trees. Plus, it can rejuvenate aging roads, reducing the frequency of repaving. The cities of Orlando, Charlotte, Raleigh, Greenville, and Charleston are all currently testing out the product and sending road samples to researchers at Texas A&M University to confirm the efficacy of the spray. [Article for info.](#)

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!](#)

Lake Sturgeon Found Spawning in Genesee River: First Time in More Than 50 Years

New York State Department of Environmental Conservation announced a milestone in the restoration of the Genesee River following the collection of a spawning female lake sturgeon in the lower Genesee for the first time in more than 50 years. A 70 pound female lake sturgeon was netted by field crews from the USGS Tunison Laboratory of Aquatic Science. DEC began stocking lake sturgeon into the Lower Genesee River in 2003, as part of the State's efforts to support the species' recovery. NYSDEC and partners work to restore these threatened Lake Sturgeon under the [2018 -2024 Lake Sturgeon Recovery Plan](#), and restoration efforts in the Genesee River also support the Remedial Actions within the [Rochester Embayment Area of Concern](#).

First Documented Lake Trout Reproduction in Lake Erie in More Than 60 Years

New York State Department of Environmental Conservation (DEC) announced a significant milestone for lake trout rehabilitation efforts in Lake Erie following the confirmed identification of wild fry collected by DEC's Lake Erie Fisheries Research Unit this spring. The discovery of wild lake trout fry is a historic restoration indicator for a population that was once plentiful, but collapsed due to overfishing, habitat degradation, and invasive species. The recent discovery is the result of an acoustic telemetry study, conducted by DEC expert staff and partners, which identified potential lake trout spawning areas in eastern Lake Erie. On May 14, 2021, DEC's Lake Erie Fisheries Research Unit staff collected multiple, recently hatched fry in fry traps on a rock reef about five miles west of Barcelona Harbor in Chautauqua County. In July, Dr. Chris Wilson at Trent University positively identified the fry as lake trout through genetic bar-coding.

Lake trout were once the top predator in Lake Erie with records of fish measuring in excess of 50 inches and weighing 75 pounds. Commercial fishing for lake trout in Lake Erie began in the late-1700s, and by the late 1800s, the population had significantly declined. By the 1930s, the commercial fishery had all but ceased, and by 1965, lake trout were considered extirpated from Lake Erie. Modern-day efforts to restore lake trout began in 1982, with annual stocking by USFWS in partnership with DEC and PFBC. In 1986, the Great Lakes Fishery Commission began suppressing the invasive [sea lamprey](#) population to support lake trout rehabilitation efforts. The sea lamprey is a parasitic jawless fish that feeds on other fish by attaching to them using a suction-disk mouth filled with rasping teeth and a file-like tongue.

Bee Better Certified: A Farmer's Guide

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

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

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

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.

Whisky Waste Fuels the Fleet

Scottish distillery Glenfiddich has launched a fleet of specially converted trucks that run on green biogas made from its own whisky waste. The innovative closed loop system will reduce greenhouse gas emissions by up to 99% when compared to diesel and other fossil fuels, with each truck displacing up to 250 tons of CO₂e annually. [Info](#)

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 dates to coincide with the Climate Superstars Challenge include September 13 and 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](#).

Teacher's and Home-Schooling Resources

[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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Additional resources](#)

Contests and Awards

[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

[Great Lakes Bay Watershed Education and Training \(B-WET\) Grant](#) - program is an environmental education program that supports locally relevant, authentic experiential learning in the K-12 environment. NY's [Great Lakes Ecosystem Education Exchange](#) resources and partnerships are available to help with project applications. Deadline: **September 9, 2021**.

[Allstate Foundation Youth Empowerment Grants](#) - \$25,000 to \$100,000 for a 12-month period and up to \$200,000 for a 24-month period will be awarded for service-learning programs, positive youth development programs, and professional development programs for educators. Deadline: **September 17**

[Arbor Foundation Funding Available for Large Scale Restoration projects](#) - The Arbor Foundation is currently seeking proposals for 2021/2022 large-scale plantings that will positively impact the environment, create habitat for wildlife, promote watershed restoration, and other benefits to the public. Deadline: **September 24**.

[DOI FWS Coastal Program](#) -, Eligible Entities: county governments, Indian tribal governments, Indian tribal organizations, state governments, city or township governments, independent school districts, unrestricted. The Coastal Program is a voluntary, community-based program that provides technical and financial assistance through cooperative agreements to coastal communities, conservation partners, and landowners to restore and protect fish and wildlife habitat on public and private lands. Deadline: **Sept. 30**.

[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**

[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**

[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**.

[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

[Professional Geologist NYS DEC](#)-provide policy oversight, management and leadership for Region 9's Division of Environmental Remediation (DER), Division of Materials Management (DMM) and Division of Air Resources staff (DAR), including the development and support of work plans and budgets. Deadline: **Sept. 3**.

[Healthy Homes Coordinator](#)- PUSH Buffalo. Deadline: **Sept. 3**

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

[Community Organizer \(Full Time\): Clean Air Coalition](#)- responsible for working directly with members and potential members to design, run, and support issue campaigns. Clean Air's issue campaigns address a range of problems primarily through the lenses of environmental justice and just transition work. Application review began **August 15**.

[Senior Manager, Global Social Compliance at New Era Cap](#)

[Executive Director for the Western New York Sustainable Business Roundtable](#) is responsible for conducting the day-to-day business of the organization, advancing the strategic plan and achieving the vision of the Board of Directors who provide extensive volunteer service to the organization. As the sole professional staff member of a small non-profit with a growing membership base and increased regional interest, the selected candidate has a unique opportunity to grow both capacity and impact of WNYSTR.

[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.

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

[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.

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

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

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

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

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

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

[Other Citizen Science Programs](#)

Upcoming Community Activities:

Tuesday, August 31

Flower Farm Tour with Heirloom Soul Florals-4 to 8pm at Kin Loch Farmstead, 4299 Ridge Rd, Lockport, NY 14094. Walk with Fran through Heirloom Soul Florals flower field and witness a rainbow of flowers in bloom! During the tour, you will learn the different flower plantings and organic gardening methods we use on our regenerative flower farm. \$20 per person (children 12 and under are free)

Continuing Education: From Suburban Yard to Native Landscape-6:30 to 8:30pm via zoom. [Learn More](#)

Creating a Culture of Sustainability series-12:30pm to 1pm virtual talks co-hosted by JD Hartman Managing Partner/Socially Responsible Investing at Signity Financial and Dennis Galucki founder of Imagine Greater Buffalo. Speaker — JD Hartman & Dennis Galucki, 10-Week Program Series Summary <https://zoom.us/meeting/83710752755>

Wednesday, September 1

GBNRTC Planning and Coordinating Committee (PCC) Meeting-9:30am to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#). PCC meetings are usually held the first Wednesday of every month. *Please note that the GBNRTC PCC meeting will be broadcast live for public viewing on GBNRTC's Facebook Page [facebook.com/GBNRTC](https://www.facebook.com/GBNRTC).*

Ginseng Foraging and Stewardship 101-7:30-9:30pm. Eric Burkhart from Penn State University will draw upon current science to provide tips that you can use to help improve and steward your own patch or hunting grounds, including how to encourage plants to produce seed for active re-planting efforts. [Register.](#)

Scajaquada Live Kickoff-10am to 1pm. Watch a Facebook Live to kickoff a month-long celebration of Scajaquada Creek. Visit www.bnwaterkeeper.org/scajaquada-september to learn more.

Thursday, September 2

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: "A Year in the Life of a Garden." Gardens aren't static; they change as we progress through the seasons and evolve over the years. Sometimes change comes from losing a major tree in the garden or a change in your lifestyle. Join Master Gardener Lynette S. to explore the changes that have taken place in her small city garden. [Register here.](#)

Kayaking with Tina-6 to 8pm. Join ACA Certified kayak instructors for the basics of kayaking and more. A kayak, paddle, and life jacket will be provided for the class. Each class Weather permitting. **Each class is the same, not a series. Space is limited, sign up early.** *For information and registration call (716) 282-5154.*

From Viking to Wind Turbines: Denmark's journey toward sustainability- 9:30 to 10:30 am EDT
Alert Colleagues. [Register](#) and get the recording link.

Friday, September 3

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

What's Bugging You First Fridays: Topic: Keeping pests out of your home this fall, from stink bugs to mice. IPM Minute: Adult ticks are out for blood – how to avoid them. See [details and registration information here](#) or call CCE Chautauqua at 716-664-9502.

Saturday, September 4

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.](#)

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](#)

Summer's End Stroll-10am. Celebrate the end of summer break with a guided walk. .Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Woods Walk: Aliens-11am. Are there visitors from outer space in Reinstein Woods? No, just plants and animals that have been introduced from other parts of the world. Join a guided tour to meet some of them. No registration required. Reinstein Woods Nature Preserve.

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: Botany 101.

Water Craft Safety-11am to 3pm at Buffalo Harbor State Park. New York State has an abundance of scenic waterways for watersport enthusiasts, including hundreds of streams, lakes and rivers. You can explore new waters, all while experiencing first-hand New York's incredible natural beauty. Do it safely, stop by for information! **No registration required.**

BAA Public Observatory Night- 8:30 to 11pm at Beaver Meadow Audubon Center, 1610 Welch Rd., North Java. Join Buffalo Astronomical Association to view the wonders of the sky. Mask required.

Sunday, September 5

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.](#)

Stella Niagara Preserve Volunteer Event-10:00-1:00PM. We will spend three hours accomplishing a variety of tasks within the Preserve. We may be removing invasive plants from both the upper pollinator areas and lower successional meadows. We will also be watering potted plants that will be used in some upcoming restoration work at the Preserve while enjoying the stunning Niagara River view. This is the best time of year to see Monarch butterflies because many of them stop by the Stella Niagara Preserve to feed on nectar and rest before their long journey south to Mexico. Bring work gloves, clippers, and a trowel if you have them. [Register.](#)

Monday, September 6

Slow Roll Buffalo-6:30pm. Eugene V. Debs Hall, 483 Peckham. www.slowrollbuffalo.org

All the Small Things- 10 to 11:30am at [Evangola State Park.](#) Grab your magnifying glass and join us as we search for small wonders in the woods! *For information and registration call (716) 549-1050.*

Tuesday, September 7

Annual Tuesday Evening Stress Reducer Paddle-6:00 pm - 8:30 pm. This is Path, Peaks and Paddles 17th year enjoying our Tuesday Evening STRESS Reducer Paddle on Ellicott Creek! Come join the guides and instructors of PPP every Tuesday evening for a paddle for either relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Thursday, September 9

Harvesting the Products of the Hive and Winterization- 6:30 pm - 7:30 pm. This class will discuss hive maintenance, feeding your bees, swarms and swarm control, re-queening, and splitting hives. Everything you will need to know to get you through the season. Registration fee is \$20.00. Buffalo Niagara Heritage Village, 3755 Tonawanda Creek Road, Amherst, NY 14228. [Please click here to register.](#)

Preserving Apples- 6:00 PM – 8:30 PM via Zoom. Apples can be preserved through canning, freezing, and dehydrating. Includes a demonstration of making and canning applesauce, plus directions for freezing or canning your own apple pie filling. [Click here to register for this class.](#)

Green Drinks Buffalo- 5:30pm at Flying Bison Brewing Company (840 Seneca St., Buffalo, NY 14210) . The event is also listed on Facebook (<https://fb.me/e/1E1Wn8v93>) or on the Green Drinks webpage (<http://www.greendrinks.org/NY/Buffalo>). Feel free to share it with anyone you think might be interested!

Parks as Community Infrastructure During and Beyond the Pandemic: Building Trust to Advance Equity- 1pm. Parks and open space have become a vital element of community infrastructure – particularly during the pandemic as people have turned to parks and green spaces for physical and mental health benefits. Join us as panelists from the National Park and Recreation Association, Urban Land Institute, and community-based organizations explore the role that parks can play in COVID relief and recovery. [Register.](#)

Mystery Songbird Disease: Knowns, Unknowns, and Actions to Take- 7 to 8pm webinar, where we will review what we know about the illness, what we still do not know, and ways individuals can take action to make communities and backyards better for birds. There will be time to answer questions from attendees on this emerging issue. [Register and info.](#)

Friday, September 10

Backyard Birding-Noon to 2pm at [Joseph Davis State Park.](#) Navigate through a Bird Conservation Area in search of feathery friends on trails through different ecosystems! *For information and registration call (716) 282-5154.*

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

Saturday, September 11

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.](#)

Forest Health Management Walk with Jared Kramer- 10 am Program Length: 1 hr.
www.pfeiffernaturecenter.org

The Great Reinstein Woods Treasure Hunt -10am. Embark on a nature play adventure with a self-guided treasure hunt. Follow your map to find your own hidden treasure and look for animals along the way! For children ages 5-10. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

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

Birding the Beaver Pond-9 to 11am. Join Buffalo Audubon Naturalist Tom Kerr for a birding hike around the pond at Beaver Meadow! Many birds have already begun their fall journey south. We'll see how many we can find on the pond and in the diverse habitats that surround it. \$10 Non-members/\$8 BAS Members. [Register.](#)

Proper planting of trees and shrubs-11am to noon. Lockwood's Greenhouse class by Jeff Fabian, 11:00 am - 12:00 pm. Jeff Fabian presents an educational class that gives you the best techniques on how to properly plant your garden with trees and shrubs. The class price is \$15.00. Register at [Events - Lockwood's Greenhouses & Farm - Hamburg, NY](#)

Japanese stiltgrass removal-9am to noon at Cazenovia Creek. Join WNY PRISM, partners, and community members like you to protect our local lands and waters from invasive species. We will be removing Japanese stiltgrass, an early detection priority species, from several sites along Cazenovia Creek in West Seneca this summer! Registration is required. For more information, [click here](#) or visit our [registration page](#).

Forest Health Management Walk with Jared Kramer- 10 am to 11am. Visit our website at www.pfeiffernaturecenter.org for details.

Woods Walk-10am. WNY Master Teacher Program and Niagara Chapter of NYS Forest Owners are cohosting at the property of Mark and Jean Gallo, 2305 Ridge Rd., Ransomville. Presentations include Nate Morey-invasive species and land management, Mark Gallo-sustainability, Tessa Johnson-ThingLink app to describe your property, JaJean Burney Rose-WNY Land Conservancy and conservation. [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.**

Birding Field Trip - Woodlawn Beach SP- 3580 Lake Shore Rd, Blasdell, NY 14219 ([map](#)). Please Take Note - Our Route Will Include A Creek Crossing So Either Wear Sandals Or Be Prepared To Remove Shoes/Socks To Cross The Creek! Leader - Seaghan Coleman (seaghanc@gmail.com) 716-435-7753. Meet at 730am in the main parking lot. Join Seaghan this morning as our group seeks out migrants during the busy month of September. Even without a good cold front, migrants are moving through the region nightly and you never know what the day might bring. This will be a half day trip wrapping up around 1130. Wear footwear appropriate for walking through grassy trails and loose sand.

Household Hazardous Waste Collection Event- Town of Wheatfield 9:00am-1:00pm. 2800 Church Rd. North Tonawanda, NY 14120 Must [register](#). Please review the list of acceptable items and note that latex paint is no longer accepted at any 2021 event.

Stargazing In Hamburg-8pm. (raindate 9/25). Join us at Penn Dixie for an out-of-this-world experience! Our astronomers will map the night sky — including stars, planets, constellations, and deep space objects — for you using a variety of telescopes and specialized equipment. Guests are encouraged to bring lawn chairs, warm clothing, blankets, and food/beverages. We'll have plenty of telescopes, but you can bring yours along, too, if you'd like some expert advice. No registration required. www.penndixie.org

Sunday, September 12

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-9am to noon at Niagara Falls 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.*

Kenneglenn Scenic & Nature Preserve Volunteer Event-10:00-1:00PM. We will be removing invasive plants from the Kenneglenn Scenic and Nature Preserve. Some of the invasive plants we will be focusing on are Spotted Knapweed, Queen Anne's Lace, and Multiflora rose. Please wear long pants, boots, and long-sleeved shirts. The plants are tall now and many of them can be irritating to skin. To keep ticks away, tuck your socks into your pants. There are no bathrooms at Kenneglenn Scenic and Nature Preserve; bring water and use facilities before arriving. Bring work gloves, clippers, and a trowel if you have them. [Register.](#)

Birding Field Trip - Tift Nature Preserve for Migrants, 1200 Fuhrmann Blvd, Buffalo, NY 14203 ([map](#)). Leader - Jajeane Rose-Burney (jajeane.rose@gmail.com; 716-247-1255). Meet at 730am at the first bridge past the visitor center. From here Jajeane will decide which trails we will wander. Plan on this being a 1/2 day trip, wrapping up around 1130. At this time of year we will be focusing on Neotropical migrants and there's always a chance at Virginia Rail or Least Bittern along the boardwalk. If water levels are low in the marsh, we will hope to cross paths with shorebirds.

Monday, September 13

Slow Roll Buffalo-6:30pm. Buffalo Maritime Center, 90 Arthur St. www.slowrollbuffalo.org

Nature Journaling Club-3:30 PM - 5:00 PM at Tift Nature Preserve. Nature is all around for us to observe, question, and record. Discover the art and science of nature journaling in our monthly club. We will cover different seasonal happenings and homework suggestions each month. Basic materials provided or bring your own. Ages: Ages 5+. Cost: \$7 per child with adult each meeting (Buffalo Museum of Science Members save 10%). [Purchase Tickets](#)

Tuesday, September 14

Gala at the Gardens Virtual Auction-8am to 8pm on Thursday. Buffalo & Erie County Botanical Gardens fundraiser. Browse and bid at your convenience on your mobile device on their unique virtual silent auction and basket raffle. Receive live text updates on your bids. You can purchase a delicious pickup meal provided by Salvatore's Hospitality to enjoy at home while bidding. You can [see the items to be auctioned now](#). Reserve your [meal to go here](#).

Haunted History Hike-10am to 1pm. [Devil's Hole State Park](#). It's all in a name – Devil's Hole is home to urban legends, strange happenings and historical events. Let's hike and learn about its haunted history! *For information and registration call (716) 282-5154.*

Pennsylvania Forest Seminar: Effective Use of Trail Cameras-Free Webinar either Noon or 7pm. [Register](#).

Cornell Cooperative Extension of Erie County Master Gardener Program Classes-6:30 to 8pm in Print Shop: Dard Hunter Hall 2nd Floor at Cornell Cooperative Extension, 21 South Grove St., East Aurora.
Topic: Growing Succulents Indoors and Outdoors – Mackenzie Schuler, Lockwood's Garden Center
Learn about special soil, watering, and sunlight exposure needs to care for these popular and unusual plant
Register online by visiting: <http://erie.cce.cornell.edu/events>, \$15.

Stella Niagara Preserve (Sunset Day) Volunteer Event-4:30-7:30PM. Please join us for our third Sunset Volunteer Event at the Stella Niagara Preserve! We will spend two and a half hours accomplishing a variety of tasks within the Preserve. We may be removing invasive plants from both the upper pollinator areas and lower successional meadows. We will also be watering potted plants that will be used in some upcoming restoration work at the Preserve while enjoying the stunning Niagara River view. Bring work gloves, clippers, and a trowel if you have them. Many of our fall flowering plants are peaking now, so this is a nice opportunity to take photos of goldenrod, native asters, and all kinds of pollinators. As the sun begins to set, Zachary Ashbrook will offer a half hour workshop on en plein air painting/drawing. En Plein Air was popular with the impressionist painters in France towards the end of the 19th century. Those who are interested in participating should bring paper and a preferred medium of either paint, chalk, or colored pencil. [Register](#).

Annual Tuesday Evening Stress Reducer Paddle-6:00 pm - 8:30 pm. This is Path, Peaks and Paddles 17th year enjoying our Tuesday Evening STRESS Reducer Paddle on Ellicott Creek! Come join the guides and instructors of PPP every Tuesday evening for a paddle for either relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Little Tykes on The Trails- 9:30 AM - 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, September 15

Wednesday Woods Walk-1 to 3pm. [Knox Farm State Park](#). Explore the summertime lives of the plants and animals who call Knox Farm home. *For information and registration call (716) 549-1050.*

Community Forestry Webinars: The Role of Climate Change on Forest Trees-Noon to 1pm webinar. The eastern US is unique in that climate change (warming) has been mainly limited to the northern tier. This has been coupled with an increase in precipitation, which has mitigated most of the negative impacts seen in the western US and many other locations worldwide. While some negative impacts of climate change exist in eastern forests, there are a surprising number of ways that trees have benefited, such as the increase in CO2 stimulating photosynthesis, water-use efficiency, and growth. The main impact on fall color to date has been in delaying peak colors by a few days to a few weeks depending on location in the eastern US. [Register](#).

Niagara Frontier UMP Virtual Public Meeting-DEC invites the public via WebEx from 6:30 - 8 p.m. The meeting will include a DEC staff presentation about the Niagara Frontier Unit Management Plan followed by a question and answer period. [Register](#). [Draft plan](#)

Evening Waterfall Walk-5:30 to 8pm at [Knox Farm State Park](#). Embark on a journey to Knox Falls and experience the park during twilight hours. This is an intermediate level hike. *For information and registration call (716) 549-1050.*

Remarkable Raptors and Their Highways in the Sky-4 to 5pm webinar. Learn about the incredible migratory journeys that remarkable raptors take each year, and how people across North America count them for research. Following this presentation you can head out to a hawk watch near you to use these newfound skills! [Register](#).

Family Fish Night- 6:00 PM - 7:30 PM. Join in a sunset fishing experience off Lake Kirsty's fishing pier for families. Instruction provided and bait and rods are available for children to borrow. Ages: Ages 5-15. Cost: \$7 per child with adult (Buffalo Museum of Science Members save 10%). [Purchase Tickets](#)

Thursday, September 16

Fall Bird Migration Hike-9 AM – 11 AM. WNY is perfectly situated along the Atlantic Flyway, one of four main routes birds use while on migration. We will search the diverse habitats found at Reinstein Woods, which provide an excellent place for birds to rest and refuel on their journey South. Walk lead by [NYS Parks](#) Naturalist, Matt Nusstein. **Registration required; call 716-683-5959.**

Terrarium Workshop with the Botanical Gardens-6:30 PM – 7:30 PM at Reinstein Woods. Create your own tropical oasis! Join an educator from the [Botanical Gardens](#) 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. Fun for families and all ages. **Registration required; call 716-683-5959.**

Sustainable Sourcing Seminar and Happy Hour- 2:30 – 6:30 pm. The products you and your business purchase make a difference! Join us to learn about different green product certifications, how to identify and avoid greenwashing, and other important factors to consider when making purchasing decisions large or small. Our guest speakers will also share details on the publicly available GreenNY Product Specifications which can be used as a valuable reference for over 60 categories of product purchases. Happy Hour to follow. Buffalo Yacht Club, 1 Porter Avenue, Buffalo, NY 14201. Free to SBR members, \$15 others. Register [here!](#)

North Tonawanda Kayak Tour-4 to 6pm. Students will meet at the North Tonawanda Botanical Garden and kayak Tonawanda Creek/the Erie Canal with Buffalo Niagara Waterkeeper. Waterkeeper will provide boats, paddles, safety gear and paddling instruction with an American Canoe Association certified kayak instructor. During the tour, Waterkeeper staff will discuss water quality impacts to Tonawanda Creek, strategies for protecting our local water quality, waterway history and wildlife, and careers in environmental science and education. Minimum age 12 to attend. Register [HERE](#).

Friday, September 17

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

Pollinators and The Great Butterfly Migration-5:00 PM – 5:45 PM. Experience what it is like to live as a butterfly during migration through a fun and interactive game. Learn more about pollinators and the role they play in our ecosystem. All ages welcome, but activity is geared towards children 6-12 years old. **Registration required; call 716-683-5959.**

Drone Demonstration with New York State Forest Ranger- 6 pm. Enjoy a demonstration of how the NYS Department of Environmental Conservation uses drones to assist with search and rescue efforts and other Forest Ranger duties. **Registration required; call 716-683-5959.**

Saturday, September 18

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: Pests and Diseases.

Buffalo Niagara Waterkeeper Cleanup: Scajaquada Creek-10am to noon. Registration is coming soon for the Scajaquada Sweep! Learn more here: www.bnwaterkeeper.org/scajaquada-september.

Fall/Winter Pruning for your garden-11am to noon by [Jeff Fabian](#), Learn about the process of pruning and basic pruning techniques. The class price is \$15.00. Register at [Events - Lockwood's Greenhouses & Farm - Hamburg, NY](#)

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

Story Boardwalk – all day at Reinstein Woods as part of their fall festival. Take a stroll on our boardwalk and enjoy a nature story en route. No registration required!

Refurbished Lily Pond Interpretive Trail-Pick up a brochure and explore the natural features on the Lily Pond Interpretive Trail at Reinstein Woods, with trail posts recent refurbished by Eagle Scout, Jack Schihl.

Woods Walk: Genesee Country Village and Museum-10am. It is a free admission day as well as WFL's opportunity to share NYFOA's message with the many passersby from 10 am to 4 pm. Founding NYFOA member Hugh Canham will make two presentations in the Wehle Gallery. [Click here for more information.](#)

Scavenger Hunts with Friends of Reinstein Woods-10am to 2pm. Visit the Friends of Reinstein Woods' table to pick up a Reinstein Woods scavenger hunt! Explore the woods and return to the table for a prize. Check out their exclusive Festival [membership](#) offer! Popcorn, drinks, and samples of [Birds & Beans coffee](#) will be available for sale. **No registration required.**

Morning Bird Walk- 9:00 AM – 10:00 AM. Head out on the trails and learn about the birds that call Reinstein Woods home. Please bring binoculars if you have them. **Registration required; call 716-683-5959.**

Pond Exploration (Session 1)-9:30 AM – 10:45 AM. Explore a pond with nets to discover aquatic insects, fish and amphibians. Reinstein Woods Nature Preserve. **For children ages 5 and up. Registration required; call 716-683-5959.**

Critter Clues (session 1)-10:00 AM – 11:30 AM. Become a nature detective and look for “clues” left by wildlife along the trails. For children ages 6–10. Reinstein Woods Nature Preserve. **Registration required; call 716-683-5959.**

DIY Rain Gauge Activity with Erie County/WNY Stormwater Coalition-10:30 AM. Build a rain gauge using repurposed materials with the [Erie County/WNY Stormwater Coalition](#). This program will be indoors. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Pond Exploration (Session 2)-11:00 AM – 12:15 PM. Explore a pond with nets to discover aquatic insects, fish and amphibians. Reinstein Woods Nature Preserve. For children ages 5 and up. Registration required; call 716-683-5959.

Kids Craft with the Niagara Frontier Koi & Pond Club-1 PM – 3 PM. The [Niagara Frontier Koi & Pond Club](#) will be on site doing a 5 minute craft with any interested children. Reinstein Woods Nature Preserve. This will be a “drop in” activity and **no registration is required**.

Afternoon Bird Walk -1:00 PM – 2:00 PM. Head out on the trails and learn about the birds that call Reinstein Woods home. Please bring binoculars if you have them. **Registration required; call 716-683-5959.**

Critter Clues (session 2)-2:00 PM – 3:30 PM. Become a nature detective and look for “clues” left by wildlife along the trails. Reinstein Woods Nature Preserve. For children ages 6–10. **Registration required; call 716-683-5959.**

Migrating Monarchs & Butterfly Walk-1 to 3pm at [Evangola State Park](#). Witness the monarch migration and learn about local butterflies while helping with the community science project Monarch Watch *For information and registration call (716) 549-1050.*

Fun Facts with Kelly: Wildflowers-2 to 3:30pm at [Artpark State Park](#). As summer winds down and different colors are emerging, take a stroll in search of new flowers blooming along the trail. *For information and registration call (716) 282-5154.*

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.

Wild Brews- Hawk Creek Wildlife Center, 1963 Mill Rd., West Falls, NY 14170. 4-7 pm. Experience the WILD with this one-of-a-kind VIP event. Beer and wine, Cheesy Chick’s food truck, live music and special animal encounters await you. This exciting evening lets YOU feel like the VIP as you mingle with Hawk Creek’s incredible raptors and other animal inhabitants. This fundraiser will be a night you don’t want to miss! Event is for guests 21+. RAIN OR SHINE. TICKETS include a drink ticket, free photo experience with a resident non-native raptor, the opportunity to feed a porcupine, flying bird demos, up-close encounters & a chance to win a raffle. <https://www.hawkcreek.org/product/wild-brews-safari/>

September 19

Taste of the Southtowns- 12 - 5:00pm at St. Aloysius Hall, 190 Franklin St. Springville. There will be country music, food served by 8 different restaurants, over 48 different items, 50 Basket Chinese Auction, and Silent Auction. Help us raise funds for the birds. FREE ADMISSION WITH PURCHASE OF FOOD OR CHINESE AUCTION TICKETS. You can visit us and see Videos on Facebook at Gooseneck Hill Waterfowl Sanctuary.

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.](#)

Story Boardwalk – all day. Take a stroll on the Reinstein Woods Nature Preserve boardwalk and enjoy a nature story en route. No registration required!

Refurbished Lily Pond Interpretive Trail-Pick up a brochure and explore the natural features on the Lily Pond Interpretive Trail at Reinstein Woods Nature Preserve, with trail posts recent refurbished by Eagle Scout, Jack Schihl.

Morning Bird Walk-9:00 AM – 10:30 AM at Reinstein Woods. Join us for a morning bird walk in the Woods. Bring binoculars if you have them. Binoculars will be provided as needed. Registration required; call 716-683-5959.

Fall Changes with Erie County Park Rangers-10 to 11:30am. Join Erie County Park Ranger Nicole Klimowicz for a hike discussing the fall changes that have begun and what other changes are still to come. Explore animal and plant adaptations and why seasons are so important! Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Terrific Trees-10:30 AM – 12:00 PM. Join us to discover the tricks to tree identification and to learn fun tree facts along the way at Reinstein Woods Nature Preserve. For children ages 6–10. Registration required; call 716-683-5959.

Turtle Talk-11am to noon. Meet Reinstein Woods’ “rescue” turtles! Listen to some turtle stories while strolling to Reinstein Woods’ ponds on a quest to spot these fascinating creatures. Registration required; call 716-683-5959.

Invasive species “walk and talk” with WNY Prism-1 to 2:30pm. Explore the fascinating world of invasive plants and animals on a jaunt through Reinstein Woods with staff from the [Western New York Partnership for Regional Invasive Species Management](#). **Registration required; call 716-683-5959.**

Terrific Trees-1:30 to 3pm at Reinstein Woods Nature Preserve. Join us to discover the tricks to tree identification and to learn fun tree facts along the way. **For children ages 6–10. Registration required; call 716-683-5959.**

Stella Niagara Preserve Volunteer Opportunity-10:00-1:00PM. We will spend three hours accomplishing a variety of tasks within the Preserve. We may be removing invasive plants from both the upper pollinator areas and lower successional meadows. We will also be watering potted plants that will be used in some upcoming restoration work at the Preserve while enjoying the stunning Niagara River view. Bring work gloves, clippers, and a trowel if you have them. We will be thinning oxeye sunflower (*Heliopsis helianthoides*) in the Saint Michael’s Garden. Bring a pot with soil from home if you’d like to bring a plant or two home. If conditions are dry, we will also be collecting seed from native plants in the Preserve that will be utilized in future restoration efforts. [Register.](#)

Family Full Moon Hike- 7:00 PM - 8:30 PM. As summer winds down, come enjoy an evening outdoors with a guided, tranquil stroll in search of wildlife beneath the Harvest Moon. *Flat accessible trails. No flashlights, please.* **Ages:** All Ages, **Cost:** \$6 per person (Buffalo Museum of Science Members save 10%). [Purchase Tickets](#)

Monday, September 20

Slow Roll Buffalo-6:30pm. Niagara Frontier Food Terminal, 1500 Clinton St.. www.slowrollbuffalo.org

Landscapes that Work for All of Life: Growing Community and Climate Resilience by Regenerating the Soil Sponge- 6 to 8pm EST. This virtual workshop, led by Didi Pershouse, will deepen each participant’s understanding of whole-systems landscape function and effective land management, with a focus on water and the soil sponge. Biology creates a natural sponge in healthy soils and grasslands that slows and sinks water on a total landscape scale—providing resilience in times of flooding and drought. Many of our current economic, social, and climate concerns are due to a degradation of our country’s soils, in particular it’s sponge-like structure or “tilth.” Visit soilforwater.org/events-calendar/ to register.

Family Full Moon Walk-7:00 PM – 8:30 PM at Reinstein Woods Nature Preserve. Search for nocturnal animals from beavers to bats on this evening guided walk. For adults and children. Registration required; call 716-683-5959.

Adult Full Moon Walk-7:30 to 9pm. Experience the Woods by moonlight on this guided walk at Reinstein Woods Nature Preserve. For adults only. Registration required; call 716-683-5959.

Western New York Land Conservancy Happy Hour- 5 to 7pm. Your ticket purchase will go towards protecting the forests, farms, meadows, and streams that we *all* call home. Join us for an in-person happy hour at 42 North Brewing in East Aurora. [Tickets.](#)

Tuesday, September 21

Toddler Time-10 to 11:30am. September 21st is the last day of summer this year! Let's do some outdoor summer activities before summer ends - including looking for insects, inspecting pond life, and creating a fun end of summer craft! We'll also read a story about how seasons change and eat a yummy snack! Ages 2-4 as a guideline. \$10 Non-members/\$8 BAS Members. www.buffaloudubon.org

Annual Tuesday Evening Stress Reducer Paddle-6:00 pm - 8:30 pm. This is Path, Peaks and Paddles 17th year enjoying our Tuesday Evening STRESS Reducer Paddle on Ellicott Creek! Come join the guides and instructors of PPP every Tuesday evening for a paddle for either relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Wednesday, September 22

West Valley Citizen Task Force Meeting- 6:30 PM. The meeting will either be in person and/or on Zoom depending on COVID safety protocols at the time. <http://westvalleyctf.org/meeting-information/>

Sunset Equinox Stroll-7pm. Reinstein Woods Nature Preserve. Celebrate the fall equinox on this guided evening walk. Registration required; call 716-683-5959.

WNY Land Conservancy Gala- 7 to 8pm. Online Presentation, auction, and awards. [Purchase tickets](#)

Attracting Beneficial Insects to your Garden-Webinar from 7 to 8pm. [Register and info.](#)

Cornell Cooperative Extension of Erie County Master Gardener Program Classes-6:30 to 8pm in Print Shop: Dard Hunter Hall 2nd Floor at Cornell Cooperative Extension, 21 South Grove St., East Aurora. Topic: **What's Eating my Tree?** – Nate Morey, NYS DEC Forester Region 9. It seems our trees are constantly under attack. Learn about some of the common tree pest issues from tar spot to gypsy moths to the emerging spotted lanternfly. Tips will be provided on protecting tree health. **Register** online by visiting: <http://erie.cce.cornell.edu/events>, \$15.

Thursday, September 23

Cover Crops for Home Gardeners- Webinar from 7 to 8:30pm will discuss the use of cover crops in the home garden. Cover crops are a plant grown not for the intention of harvesting but for the benefits they can provide to the soil, the ecosystem, and following crops. Cover crops have many benefits, from keeping soil in place to adding nutrients for subsequent cash crops. Cover Crops are often discussed for commercial use but less frequently for home use. [Register and info.](#)

Saturday, September 25

Doors Open Buffalo- Free access to landmark buildings in downtown Buffalo and cultural. Participating buildings are now online, along with free registration that is required. <http://doorsopenbuffalo.org/>
Required registration: https://explorebuffalo.vbotickets.com/event/Doors_Open_Buffalo_2021/57953

Outdoor Skills-10am. In this program, you will build an emergency shelter from natural materials and practice navigation and fire building techniques. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Harvest Roll- 12pm to 5pm. Niagara Frontier Food Terminal 1500 Clinton Street, Buffalo. Limited Capacity! The Harvest Roll will pick up where the annual Tour de Farms left off with a 35-mile guided ride exploring our urban food systems, followed by an afterparty with food, drink and fellowship. Purchase of a ticket includes the ride, refreshments, afterparty, a commemorative "Ticket To Roll" T-Shirt and an option for a local produce box from FreshFix. All proceeds go to keeping Slow Roll Buffalo free for all. Longer mileage makes it appropriate for most riders, though beginners and children may have difficulty completing the ride. [Get Tickets](#) \$35 – \$65

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.](#)

Insectagedoon Buffalo- 11 am to 1pm. Father Conway Park, 325 Ohio St., Buffalo, NY 14204. Event will celebrate insects and raise awareness about the critical role they play on our planet. This program is presented by The Buffalo Museum of Science in collaboration with Just Buffalo Literary Center, Eastern Monarch Butterfly Farm, The Riverline, and the Old First Ward Community Center. This event is part of a nationwide effort by the High Line Network and its members. Activities include: Artmaking for kids of all ages with local artists, Youth poetry reading presented by Just Buffalo, Butterfly release presented by Eastern Monarch Butterfly Farm, Live insect demonstrations presented by the Buffalo Museum of Science. Free. All are welcome to attend, but we require you to register in advance. [Register](#)

Scajaquada Creek Scavenger Hunt-12 to 3pm. Grab your friends and explore Scajaquada Creek while competing to win prizes during the first [Scajaquada Scavenger Hunt!](#) Your team will have 3 hrs to find things. [Register.](#)

Migrating Monarchs & Butterfly Walk-1 to 3pm at [Evangola State Park.](#) Witness the monarch migration and learn about local butterflies while helping with the community science project Monarch Watch *For information and registration call (716) 549-1050.*

Fall Fungi-2 to 4pm at [Buckhorn Island State Park.](#) Stroll along the marshy trails and uncover the identities of some marvelous mushrooms! Many of the best kept secrets of the forest belong to these elusive beings, from their remarkable uses and properties, to whimsical fruiting bodies, to intimate partnerships with other species. *For information and registration call (716) 282-5154.*

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

Cornell Cooperative Extension of Erie County Master Gardener Program Classes-10 to 11:30am in Print Shop: Dard Hunter Hall 2nd Floor at Cornell Cooperative Extension, 21 South Grove St., East Aurora. Topic: Worm Composting – Emere Nieves, Community Garden Trainer
An alternative to traditional composting, worm composting recycles food scraps and other organic material into a nutrient-rich soil amendment. **Register** online by visiting: <http://erie.cce.cornell.edu/events>, \$15.

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 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.](#)

Marvels of Madagascar- Buffalo Zoo, 2:00-3:30. Ever since Madagascar split off on its own millions of years ago, the animals and plants were left to fend for themselves. Come learn about all the amazing endemic species that Madagascar has to offer, meet some ambassador animals, and have a special experience with one of our zookeepers! In person workshops. [Register](#). Children 6 and under require an accompanying adult registration. Cost: \$30 per person Member, \$45.95 Non-Member Adult, \$40.95 Non-Member Child (ages 6-12).

Date Night-Join Graycliff and Tiffit for a special Date Night! You'll start your evening at Graycliff with an Open House tour at 4:30pm. This self-guided tour will allow you to experience the gardens, front grounds, and first floor of the Isabelle R. Martin House at your own pace, where you are invited to soak in all of the details that make Graycliff so enchanting. During this time, you'll also have the chance to try great wines from Schulze Winery and chocolates crafted by Blue Table Chocolates! Following your tour at Graycliff, you'll drive along the shore of Lake Erie to Tiffit Nature Preserve. At Tiffit, you'll enjoy a romantic guided Twilight Hike at 6:15pm! You'll watch nature getting ready to rest and awaken at night and enjoy the sun setting on a guided and informative one-hour hike. Ages: 21+, Cost: \$44 per ticket. (Graycliff and Buffalo Museum of Science members save \$10. Please Note: Open House tours are a mask-required tour for all indoor spaces, regardless of vaccination status. Guests whom have been vaccinated against COVID-19, with your final dose at least two weeks prior to touring, may remove their mask while outside. Guests whom have not been vaccinated or are not fully vaccinated against COVID-19, are required to leave their masks on at all times. Likewise, Masks are required for all individuals entering the the Darling Environmental Education Center at Tiffit regardless of vaccination status and highly encouraged for all individuals outdoors when 6-ft distancing cannot be maintained. [Purchase Tickets](#)

Sunday, September 26

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.](#)

Doors Open Buffalo- Free access to landmark buildings in downtown Buffalo and cultural. Participating buildings are now online, along with free registration that is required. <http://doorsopenbuffalo.org/>
Required registration: https://explorebuffalo.vbotickets.com/event/Doors_Open_Buffalo_2021/57953

A Dose of Nature: Forest Bathing-9:30am at Wilson-Tuscarora 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.*

Fun Facts with Kelly: Wildflowers-2 to 3:30pm at [Joseph Davis State Park](#). Explore a park of wonder, while we search for natural beauties emerging along the trail side. *For information and registration call (716) 282-5154.*

Monday, September 27

Slow Roll Buffalo-6:30pm. Varsity Theater, 3165 Bailey Ave. www.slowrollbuffalo.org

Tuesday, September 28

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.

Closing the loop for climate: Harnessing the circular economy to reduce greenhouse gas emissions-10am webinar with industry representatives, circular-economy experts and climate thinkers to examine what role the circular economy could play in reducing emissions and addressing climate change. [REGISTER FREE](#)

Annual Tuesday Evening Stress Reducer Paddle-6:00 pm - 8:30 pm. This is Path, Peaks and Paddles 17th year enjoying our Tuesday Evening STRESS Reducer Paddle on Ellicott Creek! Come join the guides and instructors of PPP every Tuesday evening for a paddle for either relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Scinight: Wilderness Survival Skills-6:00 PM - 7:30 PM. Fire, Shelter, Water, Food! Do you have the essential skills to survive in a post-apocalyptic world...or a weekend getaway in the woods? Learn the introductory skills and then put them to the test in a fun, adults-only challenge with take home materials! Ages: 18+, Cost: \$12 per participant (Buffalo Museum of Science Members save 10%). *Advance registration required.* [Purchase Tickets](#)

Wednesday, September 29

Valuing Aquatic Ecosystem Health at a National Scale: Modeling Biological Indicators Across Space- 2 to 3pm. [Register and info.](#) *Presenters: EPA's Office of Research and Development and Office of Policy*

Teach Climate Network Workshop: Exploring Climate Change through Extreme Weather Phenomenon-1 to 2pm ET. Exploring climate change through the lens of phenomena, such as extreme weather events, allows educators and students to see directly the impacts, and possible solutions, to climate change on a regional level. Join Climate Generation educator Seth Spencer as we explore extreme weather events, how they are connected to climate change, and how to engage your students in finding potential solutions.

https://us02web.zoom.us/meeting/register/tZAocu2rpj4pGtepohv-ecHFgEln21_S-E7s

Conversations In Science: Museum Stories- 6:00 PM - 7:00 PM. Join Buffalo Museum of Science staff on Zoom for a conversation about the history of the Museum, its place in the community, and its relationship to the Kensington Expressway. We have a new project in the works reflecting on our history as we plan for the future and you can help! This project is made possible in part by the Institute of Museum and Library Services. To submit questions in advance, email ggraham@sciencebuff.org Cost: Free! Register in advance for Zoom link. Conversations in Science, presented by RP Oak Hill Building Company, offers scientists and researchers an opportunity to informally chat with the community about trending science topics. [Register for link](#)

Thursday, September 30

Accessible Outdoor Exploration-10 to 11:30am at [Evangola State Park](#). Visit beautiful Evangola State Park and join us for a relaxing sidewalk tour to experience and enjoy the park's natural charm. People of all ages and abilities welcome. *For information and registration call (716) 549-1050.*

Backyard Invasives: Id, Control, and Management Tips to Prep Your Garden for Fall- 10 to 11:30 a.m. webinar. Workshop will provide attendees the skills and knowledge needed to carry out safe chemical and manual control of invasive species following the principles of integrated pest management (IPM). Learn some tips and tricks to reduce the impact of invasive species before winter's arrival in the Adirondacks and help you get the most out of your garden come spring! If timing of this webinar does not fit your schedule, recordings will be available via APIPP's YouTube channel following the live event. Please RSVP to stay in the loop of when videos are online. [Register online.](#)

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

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](#)

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. Session 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. Class can be used to earn CNLP, DEC, and ISA credits. *Proof of Arboretum membership required at event if Member Discount is used.

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.

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.*

Monday, October 4

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

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](#)

Civic Engagement and Activism:

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

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

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

1. **Infrastructure bill active in the Congress:** Watch for upcoming infrastructure bills in Congress. The bill(s) will include items related to climate solutions and the clean energy transition. Support what will get us to a green economy and greenhouse gas reductions. Contact your federal senators and representatives and tell them to support the plans. To learn how to do this, including key messages for Senators, send an email to ClimateSenatorOutreach@gmail.com

2. **Create a solar future** - Solar Energy Industry Association's [Solar Vision](#) 100-day agenda. Check out the document for information on vital solar energy legislation in Congress. Contact federal elected representatives to push for a sustainable energy future. Join the solar power advocacy network by signing up [here](#).
3. **Join the Race to Zero** - We need to stop emitting greenhouse gases to stabilize our climate and prevent massive human suffering. Get the organizations you know to join the [Race to Zero](#) campaign.
4. **State energy efficiency** - Check out ACEEE's [state energy efficiency scorecard](#). NY is # 5. Contact your state legislators and governor to let them know you support their efforts to make our state more energy efficient for a healthier environment and economy.
5. **NY Proposed legislation** related to [climate change, renewable energy and fossil fuels](#). Share your comments regarding the legislation with elected officials.
6. **On a Campus?** Universities and colleges must be ambitious when it comes to tackling the climate crisis. One of the most important steps is to commit to the Global Climate Letter – find out more [here](#).
7. **Change the Chamber: Lobby for Climate** - Check out the @ChangeUSChamber campaign to hold corporations and the US Chamber accountable to stop obstructing climate solutions and actively lobby for science-based climate legislation – find out more [here](#).
8. **Current NY Environmental Legislation**- A listing of legislation of all environmental topics with a summary and status is available at <https://eany.org/our-work/bill-memos/> . Educate yourself and reach out to get support for the issues important to you.

Tips for the Environment:

Get There Green- is a week to promote and celebrate more sustainable modes of transportation. Pledge a green trip online. This year it is taking place **September 20 through 26** during [Climate Week NYC](#). Everyone is encouraged to use a more sustainable mode of transportation for as many trips as they can. You can find a counter of emissions reductions pledged to date, along with resources on how to green your trips, on the [Get There Green! webpage](#) on the GreenNY Website.

Reduce your Food Waste: Use your Veggies- If you have a bounty of late summer produce, don't let it go to waste. Freeze excess produce and add it to your food while cooking in winter. Old or ugly veggies still make for good soups, stews, and curries. Compost leftover or unused food and turn it into fresh, rich food for your garden. Freeze your veggie scraps and use them to make [veggie stock](#) every few weeks (celery stalks, garlic skins, carrot peelings etc.).

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!](#)

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

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

Additional calendars with local events-

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

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

<http://buffalorising.com>

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

<https://boredommd.com/>

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/>, <http://www.decluttr.com>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore
Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>, <http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz>
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA

23237. More than 25: call 866/33-TYVEK.

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

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

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

Furniture-Goodwill, Salvation Army, Amvets and other charities

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

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

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

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

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

Ink cartridges-RecyclePlace.com and most manufacturers

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

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

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

Packaging Materials (bubble wrap, peanuts)-UPS Store

Pharmaceuticals-dropoff sites at [map](#)

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

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

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

Recycling A to Z - [realsimple](#)

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

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

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

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

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

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

Water filters-Brita partners with preserveproducts.com/recycling

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

Eco-volunteering with Travel:

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

<http://www.globalteer.org>

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

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

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

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

Education Courses, Resources or Certificates:

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

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

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

Coursera- www.coursera.org

[Green Education Foundation](#)

[Facing the Future](#)

[Cloud Institute for Sustainable Education](#)

[Sustainable Futures Institute](#)

[Nature Generation.](#)

[The Center for Ecoliteracy](#)

[Hamline's Center for Global Environmental Education \(CGEE\)](#)

[The National Science Teachers Association Learning Centers](#)

[The US Partnership for Education for Sustainable Development](#)

[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.](#)

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

Adirondack Mountain Club-Niagara Frontier Chapter
Meetings 7:30, second Tues. from Sept.-June

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

AIA Buffalo Western NY

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

Air and Waste Management Association

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

Allegany Nature Pilgrimage

<http://alleganynaturepilgrimage.com/>

Alliance for the Great Lakes

www.greatlakes.org

American Planning Association-WNY Section/Upstate

www.wnyapa.com

American Meteorological Society-WNY Chapter

www.facebook.com/amswnychapter

Amherst State Park Arboretum

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

| | |
|---|---|
| Aquarium of Niagara | www.aquariumofniagara.org |
| Asha Sanctuary for Rescued Farm Animals | http://www.ashasanctuary.com/ |
| AWARE-Assoc. for Wild Animal Rehabilitation & Education | http://www.awarewildlife.com/ |
| Bergen Swamp Preservation Society | http://www.bergenswamp.org/ |
| Birds on the Niagara | http://www.birdsontheniagara.org/ |
| Bond Lake Environmental & Beautification Committee | http://www.freewebs.com/bondlake/ |
| Braddock Bay Bird Observatory | http://braddockbaybirdobservatory.wordpress.com/ |
| Buffalo Architecture Foundation | http://www.buffaloarchitecture.org/ |
| Buffalo Astronomical Association | http://buffaloastronomy.com/ |
| Buffalo Audubon Society/Beaver Meadow Nature Center | www.buffaloudubon.org |
| Buffalo Blueway | https://buffaloblueway.com/ |
| Buffalo Niagara Community Reinvestment Coalition | https://www.facebook.com/BNCRC/ |
| Buffalo Niagara Gardening | https://buffalo-niagaragardening.com/ |
| Buffalo and Erie County Botanical Gardens | www.buffalogardens.com |
| Buffalo Farm to School Program | http://buffalofarmentoschool.org/ |
| Buffalo Geological Society | www.bgsny.org |
| Buffalo Heritage Carousel | http://buffaloheritagecarousel.org/ |
| Buffalo in Bloom | https://www.buffaloinbloom.com/ |
| Buffalo Maritime Center | http://www.buffalomaritimecenter.org/ |
| Buffalo Museum of Science | www.sciencebuff.org/ |
| Buffalo Niagara Heritage Village | http://bnhv.org/ |
| Buffalo Niagara Waterkeeper | https://bnwaterkeeper.org/ |
| Buffalo Olmsted Parks Conservancy | www.bfloparks.org |

| | |
|---|---|
| Buffalo Orienteering Club | https://buffalo-orienteering.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.jsbuffalo.com |
| Lake Erie Watershed Protection Alliance | http://www.erie.gov/lewpa |
| Leadership Buffalo | https://www.leadershipbuffalo.org/ |
| League of Women Voters of Buffalo Niagara | http://www.lwvbn.org/ |
| Local Initiatives Support Corporation | https://www.lisc.org/wny/ |
| Lyceum at Silo City | https://www.lyceumsilo.city/ |
| Massachusetts Avenue Project | http://mass-ave.org/ |
| Matt Urban Human Services Center | http://urbanctr.org/ |
| Messinger Woods Wildlife Care and Education Center, Inc | www.messingerwoods.org |
| Nannen Arboretum | http://www.nannenarboretum.org/ |
| Nature Conservancy-Central and Western New York Chapter | http://Nature.org |
| Nature Sanctuary of Western New York | http://nsswny.org/ |
| New York Farm Bureau | http://www.nyfb.org/ |
| New York Flora Association | http://www.nyflora.org/ |

| | |
|--|---|
| New York Forest Owner's Association | www.nyfoa.org |
| New York Interfaith Power and Light | www.newyorkipl.org/ |
| New York League of Conservation Voters | http://www.nylcv.org/ |
| New York Power Authority | www.nypa.gov |
| New York Public Interest Research Group | http://www.nypirg.org/ |
| New York State Association of Conservation Commissions | https://nysacc.org/ |
| New York State Ornithological Association | http://nybirds.org/index.html |
| New York State Outdoor Education Association | http://nysoea.org/ |
| New York State Parks | https://parks.ny.gov/ |
| New York State Sea Grant | http://www.seagrantsunysb.edu/ |
| New York State Soil and Water | http://www.nys-soilandwater.org/ |
| Northeast Sustainable Agriculture Working Group | http://nesawg.org/ |
| New York Upstate Chapter of the Green Building Council | http://www.greenupstateny.org/ |
| New York Upstate Chapter, Landscape Architects | https://www.nyuasla.org/ |
| New York State Wetlands Forum | http://www.wetlandsforum.org/index.html |
| Niagara County Farm Bureau | http://www.niagaracountyfarmbureau.com/ |
| Niagara County Landfill and Recycling | http://www.rethinkyourwaste.com/ |
| Niagara County Parks | http://www.niagaracounty.com/Parks/ |
| Niagara County Soil and Water Conservation District | www.niagaraswcd.com |
| Niagara Fishing Expo | http://niagarafishingexpo.com/ |
| Niagara Frontier Botanical Society | Niagara Frontier Botanical Society |
| Niagara Outfitters | https://niagaraoutfitters.com/ |
| Niagara River Anglers Association | www.facebook.com/Niagara-River-Anglers-1013633888708865/ |
| Niagara River Greenway Commission | https://www.niagararivergreenway.com/ |

| | |
|---|---|
| Niagara University Sustainability | http://www.niagara.edu/green/ |
| Northeast Organic Farming Association of New York | http://nofany.org |
| Oakmossed Education | http://oakmossed.com |
| One Region Forward | http://www.oneregionforward.org/ |
| Open Buffalo | http://www.openbuffalo.org/ |
| Our Outer Harbor | http://www.ourouterharbor.org/ |
| Partners for a Livable WNY | https://www.livablewny.org/ |
| Partnership for the Public Good | www.ppgbuffalo.org |
| Paths, Peaks and Paddles | www.pathspeakspaddles.com |
| Pelion Garden | https://peliongarden.org |
| Penn Dixie Paleontological and Outdoor Education Center | www.penndixie.org |
| Pfeiffer Nature Center (Portville) | www.pfeiffernaturecenter.org |
| People United for Sustainable Housing | http://www.pushbuffalo.org |
| Plant WNY | http://www.plantwny.com/ |
| Pollinator Conservation Association | http://www.pollinatorconservationassociation.org/ |
| Preservation Buffalo Niagara | http://www.preservationbuffaloniagara.org/ |
| Primate Sanctuary | http://theprimatesanctuary.com |
| 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://roccbuffalo.org/ |

| | |
|---|--|
| Retree Western New York | www.re-treewny.org |
| ReUse Action | http://reuseaction.com/ |
| Rise Up for Climate Justice | https://www.facebook.com/riseupforclimatejustice/ |
| Rochester Environmental Groups | http://rochesterenvironment.com/ |
| 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/ |
| Tift Nature Preserve | http://www.tift.org/tift/ |
| 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.westsideminstries.org/ |
| West Valley Citizen Task Force | www.westvalleyctf.org |
| Wild Kritters | http://www.wildkritters.com/ |
| Wild Spirit Education | http://www.wildspirit.org/ |
| Wind Action Group | https://buffalowind.wordpress.com/ |
| Working for Downtown | http://www.workingfordowntown.org/ |
| World on your Plate | http://www.worldonyourplate.org/ |