

Enviro-News

July, 2021

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

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

Articles:

Creating a Culture of Sustainability Series

The Buffalo & Erie County Public Library announces its 10 week "Creating a Culture of Sustainability" series. The talks will be offered virtually **each Tuesday** from 12:30-1pm. The show is co-hosted by JD Hartman Managing Partner/Socially Responsible Investing at Signity Financial and Dennis Galucki founder of Imagine Greater Buffalo. Check out the [schedule](#) which includes zoom links.

Green Drinkers!

The next Green Drinks meet up is **Thursday July 8th** at 5:30pm. We will be heading to Britesmith Brewing 5611 Main St. Williamsville, NY 14221. Please [RSVP](#) by Monday July 5th so reservations can be made. We will follow all NYS/Erie County guidelines that are required at the restaurant and hopefully be able to sit outdoors-weather permitting. Feel free to share this with anyone else you think that may be interested. Hope to see you then!

Open Streets on Grant!

Join GOBike Buffalo for [Open Streets](#) event on Grant Street on **Saturday, July 10** from 11am to 3pm. It features three Slow Roll Buffalo bike rides, live music, mobile repair, e-bike demonstrations, a crosswalk painting demonstration, food trucks, FREE giveaways from presenting sponsor Independent Health (while supplies last), and more!

Drive-Thru Barbecue and Virtual Action to Benefit Reinstein Woods

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

Solar-Powered Heritage Carousel: Volunteers Needed

The long awaited solar-powered historic carousel has opened at Canalside with hours from 11am to 7pm each day until September 6. The Buffalo Heritage Carousel, Inc. is the restoration of the 1924 Spillman carousel which features 34 hand carved and painted animals and 3 chariots with the movement powered by the Tesla solar roof. Volunteers are needed to assist the staff in getting riders on and off the carousel. Consider adopting one of the animals or contributing to the efforts of the project as they still need donations to meet their goals. For info, visit [carousel](#).

Sunnking Electronics Dropoffs

Due to high demand, Sunnking has added additional event dates for WNY residents to responsibly recycle their devices [July 17th in West Seneca](#) (NYDDSO), [September 18th in Niagara Falls](#) (Fashion Outlet Mall) and [October 16th in Williamsville](#) (Eastern Hills Mall). Anyone still hoping to recycle their devices can register for e-Recycling Events at sunnking.com/events or use our drop-off site locator at sunnking.com/dropoff.

Buffalo Block Clubs: Prizes for Cleanups

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

2021 New York State ReLeaf Conference

The Western NY Region ReLeaf committee has organized the **Friday July 23** NYS ReLeaf virtual conference. There are lots of great presentations on a variety of topics, including trees and health and trees for stormwater management. [View the complete list of speakers and conference agenda online](#), and [register with the NYS Urban Forestry Council on their website](#). The conference is just \$10 for students and Council members, and \$20 for everyone else. If you've wanted to check out a ReLeaf event and haven't had a chance to, this is your opportunity!

2021 Erie County Fish Stocking Program

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

Come out for the 15th Annual Paddles Up Niagara!

Paddles Up Niagara is a family friendly and safe way to experience the natural areas and unique habitats of the Niagara River. The **Saturday July 31st** event offers a choice of three paddling opportunities. Whether you are a novice or an experienced paddler, you will enjoy spending the morning with an enthusiastic paddling community. Guides and safety paddlers will be on hand to assist and answer your paddling questions. The paddles include limited capacity Eco-tours at 7am and 8am plus a Fun Paddle at 10:30am. The eco-tours begin at Beaver Island beach and are designed to be smaller in size, so everyone can hear the guide interpret plants and animal life as they guide the group of 15 through habitats around Beaver Island. To sign up for any of the three events click the green "Register Here" button at <https://www.niagararivergreenway.com/paddles-up>. *Registration will open on July 7th!*

NERC Accepting Applications for Environmental Sustainability Leadership Award

Northeast Recycling Council (NERC) offers a unique recognition program to individuals and companies in its 11-state region that demonstrate an impact on an environmentally sustainable economy in furtherance of the NERC mission. Awards are given to the public and private sector, with a special category reserved for NERC Advisory Members. To be eligible, an organization or individual must be located within one or more of NERC's 11-member states. Applications are due **August 13**. A copy of the [Award Application – 2021 NERC Environmental Sustainability Leadership Award](#) is available for download.

Skyride Buffalo

Save the date for **Sunday, August 15, 2021**, for the 7th SkyRide, presented by Independent Health. Join us for a family-friendly bike ride along Buffalo's expressways and historic places. The ride will start and return from the Outer Harbor Lakeside Bike Park. In order to meet state-mandated COVID-19 protocols, we will be hosting four departure times with up to 175 participants per time slot. Departure times will be every 30 minutes from 8am to 9:30am. You may select your departure time during registration. Please be prepared to provide proof of COVID-19 vaccination. [REGISTER HERE](#)

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 Ambassador Program Needs You

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

Youth Action Buffalo

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

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

Messinger Woods Wildlife Rehabilitation Center Needs Volunteers

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

Household Hazardous Waste Collections for 2021

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

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

Bike Buffalo Niagara Regional Master Plan Adopted

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

Premier Dog Sports Center Embraces Sustainability

While an increasing number of human sports venues are improving their sustainability practices, facilities for our furry friends have lagged behind. The owners of Premier Dog Sports Center in Lancaster, Shelly and Don Gordon, have incorporated many sustainable practices in their new building and plan for solar panels in the future. While their decisions have been focused on reducing long-term operating expenses, they also want to be as eco-friendly as possible. Check out their facility and commitment at <https://premierdogsports.com/our-facility/>.

Paddling Stewardship Program for NY State Canals Launched

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

New York State Greenway Trails Plan and Map

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

Make Cigarette Butts Part of Your Spring Cleanup

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

Regenerate NY Cost-Share Grants Available for Forest Landowners

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

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. Finding waste balloons in any wild place doesn't just take away from the experience of being in these environments - when balloons end up as litter, they can also become a [hazard to fish and wildlife](#) or can become [microplastic pollution](#). We can all do our part to make sure our 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.

Challenge Yourself with Hiking

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

Environmental Justice Mapping and Screening Tool

EJSCREEN is an environmental justice mapping and screening tool that allows users to access environmental and demographic information for locations in the United States. Anyone can use this web-based tool to access high-resolution content about environmental justice, and compare data across state, EPA region, and national locations. This webinar provides guidance on how to use EJSCREEN effectively, as well as how to tailor its usage to specific needs, like responding to competitive grants or other organizational needs. To learn more about EJSCREEN, please [visit the EJSCREEN website](#) and [access the EJSCREEN webinar here](#).

Cornell University E-STEM Education

Cornell University is offering a 5-week online E-STEM Education course from July 5-August 8. It is designed for teachers and nonformal educators who want to help youth become scientifically literate, environmental citizens. Teachers will learn how to integrate environmental education into STEM classes such as biology and earth science, and non-formal educators will learn how to make science part of nature and environmental education programs. Participants who complete the course are awarded a Cornell University certificate (PDF). Cost is \$60 (strongly encouraged). We accept participants who are only able to pay less or who are not able to pay. View the course [trailer](#). [Learn More & Register](#)

WNY Herbal Conference

The WNY Herbal Conference presented by Reciprocal Roots is a highlight of the summer with the 3rd annual event on **August 28th!** Folks of all herbal experience levels are invited to connect, celebrate herbal medicine and community, and enjoy the stellar presenters and vendors featured. Stay tuned for the finalized schedule at the [WNY Herbal Conference website](#), and purchase your ticket there, too! The event is at **Singer Farm Naturals, 6730 Lake Rd, Appleton.**

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

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

Watershed 101 for Local Towns

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

Blue Collar Working Cats

They're a little too temperamental to be considered perfect, in-home, companion cats. Some are even feral. What's to be done about these categories of cats when agencies like the SPCA Serving Erie County receive them as surrenders, or as part of an animal rescue, hoarding situation, or cruelty case? For more than a decade, East Aurora-based Feral Cat FOCUS Inc. (FCF) has helped the SPCA Serving Erie County and other cat welfare organizations in the state. Historically called various names such as the Adopt-A-Barn-Cat program and the Adopt-A-Working-Cat program, the **Blue Collar Working Cats** program encompasses the varied establishments such as **warehouses, greenhouses, nurseries, wineries, stables, garages**, and more that take advantage of the presence of these hard-working, loyal cats! Find out if Feral Cat FOCUS Inc.'s **Blue Collar Working Cats** are right for you or your establishment [here](#).

EPA Develops Food Stewardship Education Resources for the Faith Community

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

NYSERDA Green Jobs Green New York Energy Studies

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

Clean Energy Communities Program for Towns

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

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.

New Math Text for College Humanities Students Developed Locally

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

Bike-Friendly Business Certification

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

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

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

New York Harmful Algal Blooms Notification and Reporting System for 2021

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

Love Our NY Lands!

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

Take the 2021 I Bird NY Challenge!

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

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](#)

Explore New Trails this Summer

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

Green Lab Summit

Join *Lab Manager* on **July 20-21** for our Green Labs Digital Summit, “Working Toward a More Sustainable Lab.” This two-day program will feature industry experts who will share their experiences in the sustainable lab, and will offer advice to help you “green” your own lab through lower energy consumption, less landfill waste, and more sustainable work processes. A Q&A session with the audience will follow each session. [Sign up](#) for **FREE** to learn the broad benefits of having a green lab, and how to accomplish it effectively. Hear from industry experts who will share their experiences on sustainability, and will offer advice to help you “green” your own lab through lower energy consumption, less landfill waste, and more sustainable work processes. By completing this one-time registration form, you will receive access to all of the Lab Manager Green Lab Digital Summit presentations—live and on demand—handouts, and giveaways.

Paint Product Stewardship Shifted to 2022

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

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.

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>.

Solar Umbrellas can Cool

Sun umbrellas are common on coastal beaches, offering shade from the blistering sun. So it makes sense that the same type of umbrella could be adorned with solar panels, allowing it to collect the sun’s energy in order to provide a cooling result. Check out the slideshow at <https://inhabitat.com/solar-powered-umbrella-uses-the-sun-to-cool-you-down/>

Climate Pledge Friendly: Amazon Helps Customers Identify Sustainable Products

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

Online Course on Organic Farming Offered

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

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. Your reports can help protect the places you know and love for generations to come!

Buffalo Food Waste Diversion is Available Year-Round

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

What Goes Where: Recycle Coach

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

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.](#)

The Empire State Trail is Now Open!

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

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.

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](#).

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. You can help protect New York's agriculture and forests by knowing what to look for and how to report it to New York's official invasive species database, iMapInvasives. Visit the [NY iMapInvasives website](#) to learn about the project, and sign up for a grid square on the map to look for these species out in the field.

Recycling Plastic into Vanilla Flavoring-Yum?

Researchers at the University of Edinburgh in Scotland have found a way to turn post-consumer plastic (items that have been collected for recycling and cleaned) into vanillin using *E. coli* bacteria. Vanillin is the main flavor component of vanilla beans, and can be natural or, as in this case, synthetic. Synthetic vanillin, which is actually more common than natural vanilla extract, is used in everything from food to pharmaceuticals to cosmetics. It's also been made out of many materials including cow manure so plastic may not be too strange. The process could have a big impact on our plastic pollution problem, and put us on a path to a more circular economy. That process starts with degrading polyethylene terephthalate, commonly known as PET plastic, into its components, terephthalic acid and ethylene glycol. Then, a microbial fermentation process utilizing the *E. coli* bacteria turns the terephthalic acid into vanillin, with a 79% success rate, the researchers report. For more: <https://www.fastcompany.com/90647727/scientist-just-turned-plastic-bottles-into-vanilla-flavoring>.

2021 Gypsy Moth Caterpillar Outbreak in New York State

DEC has been receiving reports of larger-than-usual gypsy moth populations and leaf damage in several parts of New York State. Gypsy moths are non-native but are naturalized, meaning they will always be around in our forests. Their populations spike in numbers roughly every 10 to 15 years, but these outbreaks are usually ended by natural causes such as disease and predators. Because of this, DEC and its partners typically do not manage it. At this time, DEC does not provide funding for treating gypsy moths on private property. The caterpillars you are seeing now will begin to disappear around mid-July when they pupate and become moths. Spraying insecticides is not effective at this late stage of caterpillar development. In winter, you can [help DEC predict next year's population numbers by conducting egg sampling surveys](#). In spring, you may scrape egg masses to prevent some hatching, though that will also not erase the population. The spikes in gypsy moth numbers are an unfortunate but cyclical part of NY's forests. You can view [DEC's recent Facebook Live about gypsy moths and answers to common questions about them on our Facebook page](#). For more information on gypsy moths in NY, [visit our website](#).

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!

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

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

Bee Better Certified: A Farmer's Guide

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

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

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

Personal Plastics Calculator

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

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

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

Pollinators Under Pressure

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

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

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

Citizen Science Project Lets You Fight Deforestation from your Couch

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

Geocaching: Have Fun and Make a Difference

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

Heirloom Seed Saving

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

Online Birding Tools: Learn more about our Feathered Friends

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

Climate Change Solutions Simulator

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

Tree Equity Scores Show Neighborhood Variations in Tree Cover

The [Tree Equity Score tool](#) is a database comprised of 150,000 neighborhoods and 486 municipalities in urban America that correlates tree cover with social and demographic statistics such as poverty levels, unemployment, and percentage of residents who are people of color, as well as children and seniors. American Forests, a non-profit, is working with partners to expand the database. Data are converted into a simple-to-understand Tree Equity Score rank from 1 to 100.

Climate Change and Birds

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

Soil Moisture Data from NASA Available Via New Tool

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

Recycle Right Website Launches

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

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

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

National Park Foundation's Every Kid Outdoors Initiative

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

Teacher's and Home-Schooling Resources

[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

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

Grant and Scholarship Opportunities

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

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

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

[USDA Conservation Innovation Grants](#)- supports science-based solutions that benefit both farmers and the environment. CIG partners use creative problem solving and innovation to address our nation's water quality, air quality, soil health and wildlife habitat challenges, all while improving agricultural operations. This year, funded CIGs will focus on climate-smart strategies for water resources, soil health (focused on carbon sequestration and climate resilience), nutrient management, and more. Deadline: **July 19, 2021**.

[USDA Urban Agriculture and Innovative Production Grants](#)-The USDA Office of Urban Agriculture and Innovative Production announced the availability of up to \$4 million to support urban agriculture (planning and implementation) projects. Planning projects are expected to initiate or expand the efforts of farmers, gardeners, citizens, government officials, schools, and other stakeholders in urban and suburban areas. Projects may target areas of food access, education, business and start-up costs for new farmers, urban agroforestry or food forests, and development of policies related to zoning and other needs of urban production. Implementation projects may accelerate existing and emerging models of urban, indoor, and other agricultural practices that serve multiple farmers. Deadline: **July 30, 2021**.

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

[YSA Afterschool Grants](#)- offered on a competitive basis and open to any afterschool program in the US that will engage at least 50 students in service or service-learning activities during the 2021-2022 academic year; ideally a large percentage of youth from underserved communities. Deadline: **July 30**.

[EPA 2021 GLRI Nonpoint Source Runoff and Nutrient Reduction](#) - EPA will award approximately \$9 million in total for roughly 24 projects in three categories: riparian restoration to reduce runoff, addressing legacy phosphorus in agricultural settings, and green infrastructure for shoreline communities. Deadline: **August 20th, 2021**.

[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. The Great Lakes B-WET program awards are funded through the Great Lakes Restoration Initiative. NY's [Great Lakes Ecosystem Education Exchange](#) resources and partnerships are available to help with project applications. Deadline: **September 9, 2021**.

[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**.

[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 - we want to help make it happen! 1 grant per successful applicant/project idea in the amount of \$250 USD. Deadline: **December 31, 2021.**

[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

[Environmental Program Specialist 1, Trainee 1 and 2](#)-NYS Dept. of Environmental Conservation, Buffalo. Deadline: **July 9.**

[Forester](#)- NYS Dept. of Environmental Conservation, Buffalo. Deadline: **July 9.**

[Professional Geologist](#)- NYS Dept. of Environmental Conservation, Buffalo. Deadline: **July 9.**

[EFNEP Part-time Educator](#)-CCE of Chautauqua County is seeking an educator for the Expanded Food & Nutrition Education Program to deliver nutrition education to improve healthy food and lifestyle choices among limited resource families. Bi-lingual preferred. Deadline: **July 6, 2021.**

[Healthy Homes Coordinator](#)- PUSH Buffalo. The purpose of the Coordinator position is to work with area tenants to advocate for their rights and responsibilities as residents of Buffalo and Erie County. Deadline: **July 16.**

[Curator of Animal Operations](#)- The Buffalo Zoo is seeking a highly motivated, energetic, and highly articulate individual to serve as the Curator of Animal Operations. Deadline: **July 25, 2021.**

[Curator of Animal Behavior and Welfare](#)- The Buffalo Zoo is seeking a highly motivated, energetic, and highly articulate individual to serve as the Curator of Animal Behavior and Welfare. Deadline: **July 25, 2021**

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

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

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

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

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

[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:

Thursday, July 1

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

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

Friday, July 2

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

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

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

Saturday, July 3

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

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.](#)

Veterans Bike Ride Fundraiser-10am. WNY Heroes are raising money to provide funding for veterans that suffer from PTSD. WNY Heros is a local organization that provides service dogs and many other serves for Vets suffering from PTSD. The cost of a fully trained certified service dog is around \$5,000. <https://wnyheroes.org/>. The cost to ride is \$20. All active, veterans, and family members are welcome. Register for this group ride [here!](#)

Sunday, July 4

Dragons of Evangola- 1 to 2:30pm at [Evangola State Park](#). Did you know there are dragons living in Evangola? Join us for a hands-on experience, 250 million years in the making, as we explore the fascinating lives of Dragonflies and Damselflies *For information and registration call (716) 549-1050.*

Monday, July 5

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

Tuesday, July 6

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.

Horticulture VII Classes- Buffalo & Erie County Botanical Gardens from 6:30 to 8:30pm on Tuesdays until August 17. Classes will be held on Zoom. The fees are \$25 per class or \$150 per series for the general public and \$22.50 per class or \$135 per series for members of the Botanical Gardens. These classes are great for beginners as well as gardeners wishing to brush up on their skills. An optional supply list will be posted online for those who wish to supplement their instruction with hands-on materials. All adult classes and workshops are recorded and are available for one week after the class. [See details and register here.](#) Topic: **Orchids and Air Plants.**

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: Kevin V. Connors, PE, AIA, CPHD, Principal, eco_logic STUDIO architecture & engineering, PLLC; <https://zoom.us/meeting/81451077298>

Wednesday, July 7

Demonstrating the Power of Environmental Education (EE)- 3:00 PM ET. Learn how to use the data from [eeWORKS](#) to back up the feel-good EE stories you hear about to support your work. You will hear from researchers and learn about communications tools you can use to help you structure and evaluate programs, provide professional development, apply for funding opportunities, make the case for EE to policymakers, and more. [Register here.](#)

GBNRTC Planning and Coordinating Committee Meeting- 9:30am, public welcome 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.*

Learning from the Experts: Offshore Wind Resiliency Planning- 1:00 p.m. ET for an offshore wind webinar as part of NYSERDA's *Learning from the Experts* series. Neil Weisenfeld and Garrett Moran with ICF will discuss climate adaptation and resiliency considerations that pertain to offshore wind. [Register.](#)

High Level Political Forum (HLPF): Higher Education Sustainability (HESI) Event-9 to 11am. Session highlights the critical role of higher education in achieving sustainable development by forming the current and future generation of leaders, driving the research and policy agenda for both the public and private sectors, as well as facilitating multi-stakeholder collaboration at the local and global level. This year's [HLPF](#) will focus on a sustainable and resilient recovery from the COVID-19 pandemic that promotes the economic, social and environmental dimensions of sustainable development and on building an inclusive and effective path for the achievement of the 2030 Agenda in the context of the decade of action and delivery of sustainable development. [Register here!](#)

Thursday, July 8

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

Utility-Scale Solar Siting and Forests-noon to 1pm, online. Solar technology is spreading rapidly due to declining costs, ease of installation, and growing public concerns about climate change. When solar projects replace forests they can be a source of environmental impacts including significant carbon losses. How do we account for these impacts, and what does a low-impact approach to siting solar projects look like? [Info and register](#).

Green Drinks- 5:30pm. We will be heading to Britesmith Brewing 5611 Main St. Williamsville, NY 14221. Please [RSVP](#) by **Monday July 5th** so reservations can be made. We will follow all NYS/Erie County guidelines that are required at the restaurant and hopefully be able to sit outdoors-weather permitting. Feel free to share this with anyone else you think that may be interested. Hope to see you then!

Pests of the Honeybee-6:30 to 7:30pm. [Register](#). \$20 at Buffalo Niagara Heritage Museum, 3755 Tonawanda Creek Road, Amherst, NY 14228.

Friday, July 9

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

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

Goat Island Evening Walk- 7:30 to 9:30pm at [Niagara Falls State Park](#). Explore Niagara Falls State Park with a Park Naturalist and experience the beauty of Niagara Falls during the evening hours. *For information and registration call (716) 282-5154.*

Lockport in Bloom- Pick up maps at 623 Locust St., Lockport. A twilight tour will be held from 7 to 10 p.m. The tour is free and self-guided. [Info](#).

Saturday, July 10

Jewels of the Sky-10am. On this guided walk we will search for ebony jewelwings and tiger swallowtails as well as other dragonflies and butterflies that may be in flight. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Lost Nation State Forest Field Trip-8:30am. east of Arcade in Allegany County. Meet in East Aurora at the parking lot behind the theater on Main St. For those wishing to go directly: drive north from Centerville on North Hill Road, left (west) on Dow Road, right (north) on Lost Nation Road to parking lot on right. We will hike the Lost Nation Stream Trail, a 3-mile loop. Bring lunch. Recommended by Dick Rosche. Leader: J. Schlegel, 835-6042.

Pollinators of Summer-10am to noon at [Knox Farm State Park](#). Explore the gardens of Knox Farm to learn about local pollinators and collect data for the Empire State Native Pollinator Survey. *For information and registration call (716) 549-1050.*

Butterfly Beauties-2 to 4pm at [Knox Farm State Park](#). Enjoy a relaxing walk through the wildflower meadow of Knox Farm to explore the rich diversity of butterflies in the park. *For information and registration call (716) 549-1050.*

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

Lockport in Bloom- daytime tours from 10 a.m. to 4 p.m. Saturday & Sunday, July 10 & 11. Pick up maps at 623 Locust St., Lockport. [Info](#). The tour is free and self-guided.

Tift Nature Preserve RestoreCorp Stewardship-9am to 12:30pm. Join our RestoreCorp Team for an event at Tift Nature Preserve to protect the habitat along Lake Kirsty and learn about our Living Shorelines Initiative – Register by clicking [HERE!](#)

Buzz Around Hamburg Garden Walk & Fair-10 a.m. to 4 p.m. Saturday and Sunday, July 10 and 11. Pick up maps at Memorial Park bandstand, Lake & Union Streets, Hamburg. [Info](#).

The Town of Amherst Garden Walk-10 a.m. to 4 p.m. Maps will be available a week before the event at local garden centers and on [Facebook](#). This is a free and self-guided tour.

The North Tonawanda Garden Walk- 11 a.m. to 3 p.m. Saturday and Sunday, July 10 and 11. This is a free and self-guided tour. [Info](#).

Open Streets on Grant-11am to 3pm. Join GObike Buffalo for Open Streets event on Grant Street, featuring three Slow Roll Buffalo bike rides, live music, mobile repair, e-bike demonstrations, a crosswalk painting demonstration, food trucks, FREE giveaways from presenting sponsor Independent Health (while supplies last), and more! [Info](#).

Open Tour for Draves Arboretum-1:30 PM 3:30 PM. This event is an opportunity for the public learn more about Draves Arboretum and experience our woody species collections through a guided tour of the grounds. Curator Thomas Draves will be giving a guided tour of the arboretum that will include its history, species identification lessons, and answer any questions regarding the arboretum and it's collections. Thomas has over 40 years of experience in the tree and landscape industry and has been an ISA Certified Arborist for many years. The tour begins at 1:30 pm and is approximately two hours in length. Please arrive 15 minutes prior to start time. The arboretum grounds have hills and uneven terrain so please wear walking/hiking shoes for your safety. Tour price is \$12.00 per person. Registration Required. Register and pay online here: [PURCHASE TICKETS](#)

Waterway Trails: Past Present Future- 9 am to 11am at Griffon Park. [Register here](#). Moderate level kayak tour.

Canoeing Basics-9am to noon at Yates Park, Orchard Park. Join Earth Spirit naturalist educators at Green Lake to learn some basic canoe skills, paddling technique, and safety pointers before learning about the unique ecology of the lake while on the water. [Register Now!](#)

Just Glazin'- 6:00 PM. Join Preservation Buffalo Niagara and Steve Swiat of Northwood Restoration out in the real world or from inside your home for [Just Glazin'](#) a hands-on workshop to learn how to reglaze your old wood windows. This is a hybrid virtual & in-person event where virtual attendees will learn all the steps of the process comfortably from home while in-person attendees will be able to try out the new skill on site at [The Tool Library](#). Virtual tickets are free with a suggested donation of \$10; In-person tickets are \$30 for PBN members and \$50 for the general public. *In-person attendance will be limited. [Get all the information about that here.](#)

Sunday, July 11

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

The North Tonawanda Garden Walk- 11 a.m. to 3 p.m. Saturday and Sunday, July 10 and 11. This is a free and self-guided tour. [Info.](#)

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.](#)

Lockport in Bloom- daytime tours from 10 a.m. to 4 p.m. Saturday & Sunday, July 10 & 11. Pick up maps at 623 Locust St., Lockport. [Info.](#) The tour is free and self-guided.

Buzz Around Hamburg Garden Walk & Fair-10 a.m. to 4 p.m. Saturday and Sunday, July 10 and 11. Pick up maps at Memorial Park bandstand, Lake & Union Streets, Hamburg. [Info.](#)

Grand Island Garden Walk-10 a.m. to 4 p.m. Pick up maps at Town Commons Gazebo, Whitehaven and Baseline Roads, Grand Island. Tour is free and self-guided. You'll find a variety of garden sizes and styles. Visit hosta collectors, cottage gardens, shade gardens, extensive perennial gardens, and one of Grand Island's original farms with its pollinator meadow. [Info.](#)

Snyder-CleveHill Garden View -10 a.m. to 4 p.m. Pick up maps at Trillium's Courtyard Florist, 2195 Kensington Ave., Amherst. A donation of \$2 is appreciated, but not required; tour is self-guided. This 18th-annual tour includes about 30 private gardens and carefully tended public spaces in the neighborhoods of Snyder and Cleveland Hill. Gardens of all shapes, types, and sizes are set against a backdrop of 1910 to 1950 architecture. Many garden styles and plant types are represented, as are water features and garden structures. [Info.](#)

Monday, July 12

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

Tuesday, July 13

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.

A Review of the Summer's Hottest Ornamental Plant Pests-1 to 3pm online. A discussion on what makes an insect a pest? What control measures can be taken? What's new on the horizon in 2021, and more! [Info and registration.](#)

Horticulture VII Classes- Buffalo & Erie County Botanical Gardens from 6:30 to 8:30pm on Tuesdays until August 17. Classes will be held on Zoom. The fees are \$25 per class or \$150 per series for the general public and \$22.50 per class or \$135 per series for members of the Botanical Gardens. These classes are great for beginners as well as gardeners wishing to brush up on their skills. An optional supply list will be posted online for those who wish to supplement their instruction with hands-on materials. All adult classes and workshops are recorded and are available for one week after the class. [See details and register here.](#) Topic: Summer Flowering Bulbs.

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: Congressman Brian Higgins, United States House of Representatives, District 26 <https://zoom.us/meeting/83218469256>

Wednesday, July 14

Insect Exploration Walk at Billy Wilson Park-10am. Join us as we explore the pond and fields at Billy Wilson Park for insects that call it home. Note: This program takes place at Billy Wilson Park, Amherst. Pre-registration required; call Reinstein Woods at 716-683-5959.

Growing the Upcycled Food Economy-1:00 – 2:30 pm Eastern. This joint NEWMOA and NERC webinar will focus on the emerging business of upcycling food waste.

Registration: <https://register.gotowebinar.com/register/4243619418427838224>

Panel & Discussion: Increasing Access to Mushroom Cultivation & Use-6pm. Virtual Event. Specialty mushrooms offer many opportunities to provide communities with nutritious food and medicine, recycle local waste streams, provide a source of income, and address local environmental issues. While these opportunities exist, some individuals and communities have an easier time getting started and sustaining projects and enterprises than others. Join our network of [Community Mushroom Educators](#) for a series of events this summer where we will collectively explore and discuss elements of fungi and their past, present, and future impacts on a wide range of communities in society. As this growing industry develops, it is critical that we ensure that everyone has access to the knowledge, materials, and skills necessary to cultivate fungi for food, medicine, and other uses. Access to these events is free and open to anyone interested in engaging in these conversations in a respectful, supportive, constructive, and co-creative way. Sign up to receive a link to attend here:

<https://forms.gle/YfNhRaypdnQXBAW47>

Ending Litter: Policies and Practices That Work-2pm. Keep America Beautiful webinar. [Register.](#)

Thursday, July 15

Stella Niagara Tour and Kayak-4:30pm in Lewiston, NY at the Lewiston public boat launch. Get your life jacket and kayak (provided) and join Libby Broderick, a NYS licensed outdoor guide, for a tour down river to the Stella Niagara Nature Preserve. Niagara Outfitters is proud to join the Western New York Land Conservancy for this fundraiser, as well as to raise awareness for our beautiful Stella Niagara! We will utilize the new kayak landing and take a special tour of the Stella Niagara Nature Preserve led by the Western New York Land Conservancy. We will learn about the history of the preserve and see the efforts the Land Conservancy is making to return the Stella Meadow to its original natural beauty.

[Tickets.](#)

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

Kayak Tour with Buffalo Niagara Waterkeeper- 6pm-8:30pm. Location: East River Marsh Kayak Launch/Beaver Island Kayak Launch Grand Island, NY 14072. Western New York has diverse and unique fish and wildlife populations that are ready to be discovered and in need of protection. Buffalo Niagara Waterkeeper's expert guides will lead you as we explore the Niagara River Islands and learn about local fish, birds and other wildlife, local threats to fish and wildlife and ways to protect them. Please register [HERE](#) .

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

Moss Terrarium Workshop- 6:30 p.m. by the Buffalo and Erie County Botanical Gardens. Mosses are interesting, often over-looked plants that enjoy the high humidity of a terrarium. Learn more about "mossome" mosses and create a terrarium that thrives in this fun and informative take-it make-it class. Containers, soil, plants and supplies are included. Fast, easy and safe pickup for materials will occur from 4:30-5:30 pm the day before class. All adult classes and workshops are recorded and are available for one week after the class. Therefore, if you miss the class, you will have one week to catch up on the class at your convenience. The cost is \$25 for the public and \$20 for members. [Register here](#).

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

BWELL Kayak Tour- 6pm-8:30pm. Location: East River Marsh Kayak Launch/Beaver Island Kayak Launch Grand Island, NY 14072. Western New York has diverse and unique fish and wildlife populations that are ready to be discovered and in need of protection. Buffalo Niagara Waterkeeper's expert guides will lead you as we explore the Niagara River Islands and learn about local fish, birds and other wildlife, local threats to fish and wildlife and ways to protect them. **** Registration is Required.** Please register [HERE](#)

Friday, July 16

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

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

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

Goat Island Evening Walk- 7:30 to 9:30pm at [Niagara Falls State Park](#). Explore Niagara Falls State Park with a Park Naturalist and experience the beauty of Niagara Falls during the evening hours. *For information and registration call (716) 282-5154.*

Enchanted Wild Fest-11am to 4pm at Hawk Creek Wildlife Center, 1963 Mill Rd., West Falls, NY 14170. Immerse yourself in your favorite movies and stories at Hawk Creek's NEW event, Enchanted Wild Fest! You never know who or what you'll meet around the next corner, will it be a wild cat, a princess, an eagle, or even a superhero!? Journey through the Center to meet your favorite animals and your favorite characters! Animal encounters, activities for kids, games and characters await you! Refreshments, vendors, gift shop, flying bird show, wild cat chat 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 at the gate or online. Please visit www.hawkcreek.org for info and directions. Event is rain or shine. [MORE INFO & TICKETS](#)

Northwest Buffalo Tour of Gardens- will be held from Friday and Saturday. Starry Night Self Guided Tour: Friday & Saturday, July 16 & 17, 8-10pm. This tour is free and self-guided. [Info](#). Pick up a map at St. Mark's/All Saints Church, 311 Ontario St., Buffalo. Donations are gratefully accepted; proceeds go to assist in maintaining four community gardens. The Northwest Buffalo Tour of Gardens highlights groups of gardens within five very distinct parts of Northwest Buffalo: Black Rock, Riverside, Grant /Amherst, and West Hertel /North Buffalo. Visit one or two areas or all five. You will see a wide variety of gardens, parks and historic homes and share time with the urban gardeners. This urban garden tour is comprised of day and night garden tours. The popularity of the lighted night gardens is a highlight and allows the gardeners to show off their gardens and share their experiences in a party atmosphere.

Ken-Ton Garden Tour- will take place from Friday, July 16 to Sunday, July 18. These are self-guided tours in the Village of Kenmore and Town of Tonawanda. They are free. Pick up maps at the Aquatic and Fitness Center, 1 Pool Plaza, Tonawanda. Night Lights 8:30-11pm on Friday and Saturday, July 16 & 17. Day Tour 10-4pm Saturday and Sunday, July 17 & 18, Self-guided day tour Saturday & Sunday. [Info](#).

Lancaster Garden Walk- will be held from Friday to Sunday, July 16, 17 and 18. A night showing will be held from 8:45 to 11 p.m. Friday. The daytime garden walk will be held from 10 a.m. to 4:30 p.m. Saturday and Sunday. The garden tour is free and self-guided. Maps will be available at Two Chicks and a Rooster, 732 Aurora St., Lancaster; Petals to Please, 5870 Broadway, Lancaster; and Lancaster Coffee Co. and Cafe, 24 Central Ave., Lancaster. [Info](#).

Friends of Broderick Park Volunteer Day- 9am-1pm. Broderick Park 1170 Niagara St, Buffalo, NY 14213. Join BWELL for a day of gardening and cleanup at Broderick Park! We will start with an introduction and learn the history of the park, then proceed to assist with cleanup/garden maintenance. Stick around afterwards for a bite to eat at the Broderick Park Station! Please Register [HERE](#)

Saturday, July 17

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

Turtle Walk-10am. Discover turtles living at Reinstein Woods on this guided walk. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Crafts in the Gardens- Enjoy an afternoon of crafts, chicken barbecue from 10 a.m. to 3:30 p.m. at the Buffalo and Erie County Botanical Gardens. This event will take place outside in front of the Botanical Gardens. Shop at dozens of diverse craft/vendor tents, enjoy a delicious take-out from Chiavettas for lunch or dinner and visit the Botanical Gardens. Proceeds from the barbecue will benefit the Botanical Gardens. See [more details and get tickets here](#).

East Side Garden Walk-10 a.m. to 4 p.m. Pick-up sites for maps are public libraries: Central, Crane, Dudley, East Clinton, Leroy R. Coles, Jr., Frank E. Merriweather Jr., Niagara, North Park and Riverside. The tour is free and self-guided. [Info](#). Gardening on Buffalo's East Side has a unique ambience often with an organic, natural look that reflects the lifestyle of many of its residents. There's a wide range of gardens. Sure, if you're looking for flowers, you'll find lots of those. But we also have City Honor's largest outdoor classroom garden, urban farms that support local families, and a Buddhist Center Garden with a three-story statue sent from Viet Nam. What makes them all special is the gardeners. Take time to talk with them. Stop by The Foundry (298 Northampton) for 10am to 3pm for their Open House during the Garden Walk.

Ken-Ton Garden Tour- will take place from Friday, July 16 to Sunday, July 18. These are self-guided tours in the Village of Kenmore and Town of Tonawanda. They are free. Pick up maps at the Aquatic and Fitness Center, 1 Pool Plaza, Tonawanda. Night Lights 8:30-11pm on Friday and Saturday, July 16 & 17. Day Tour 10-4pm Saturday and Sunday, July 17 & 18, Self-guided day tour Saturday & Sunday. [Info](#).

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.

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.](#)

Northwest Buffalo Tour of Gardens- will be held from Friday and Saturday. Starry Night Self Guided Tour: Friday & Saturday, July 16 & 17, 8-10pm. This tour is free and self-guided. [Info.](#) Pick up a map at St. Mark's/All Saints Church, 311 Ontario St., Buffalo. Self-guided walking tours from 10am to 4pm. Donations are gratefully accepted; proceeds go to assist in maintaining four community gardens. The Northwest Buffalo Tour of Gardens highlights groups of gardens within five very distinct parts of Northwest Buffalo: Black Rock, Riverside, Grant /Amherst, and West Hertel /North Buffalo. Visit one or two areas or all five. You will see a wide variety of gardens, parks and historic homes and share time with the urban gardeners. This urban garden tour is comprised of day and night garden tours. The popularity of the lighted night gardens is a highlight and allows the gardeners to show off their gardens and share their experiences in a party atmosphere

Lancaster Garden Walk- will be held from Saturday and Sunday. The daytime garden walk will be held from 10 a.m. to 4:30 p.m. Saturday and Sunday. The garden tour is free and self-guided. Maps will be available at Two Chicks and a Rooster, 732 Aurora St., Lancaster; Petals to Please, 5870 Broadway, Lancaster; and Lancaster Coffee Co. and Cafe, 24 Central Ave., Lancaster. [Info.](#)

Samuel P. Capen Garden Walk- 10 a.m. to 4 p.m. Saturday and Sunday, July 17 and 18. There will also be Capen by Night from 8 to 10 p.m. Saturday, July 17. Pick up maps at UB Anderson Gallery, 1 Martha Jackson Place, Buffalo. Maps will also be downloadable at ourheights.org/gardenwalk a few days before the walk. This is a free self-guided tour of more than 70 private gardens and carefully nurtured public spaces. 2021 marks the 20th year of the Samuel P. Capen Garden Walk. [Info.](#)

Village of Williamsville Garden Walk - 10 a.m. to 4 p.m. It is free and self guided. Pick up your map at the tent in front of Village Hall, 5565 Main St., Williamsville. [Info.](#)

Beaver Island to Buckhorn Bicycle-9am to 12:30pm at [Beaver Island State Park](#). Take along a snack lunch for a 16-mile, intermediate level shoreline trail bike ride, highlighting the historical and natural sites along the way. *For information and registration call (716) 549-1050.*

Kayak Tour with Buffalo Niagara Waterkeeper- 9 to 11am. Location: Seneca Bluffs. Western New York has diverse and unique fish and wildlife populations that are ready to be discovered and in need of protection. Buffalo Niagara Waterkeeper's expert guides will lead you as we explore the Niagara River Islands and learn about local fish, birds and other wildlife, local threats to fish and wildlife and ways to protect them. Please register [HERE](#) .

Folklore of Edible and Medicinal Plants-9am to noon. Iroquois National Wildlife Refuge. Explore the plants that grow along Kanyoo Trail and learn about their traditional uses for forage and medicines. Bug spray and sunscreen is recommended. Space is limited and registration is on a first-come, first-serve basis. To register please call 585-948-7047, and leave a voicemail with your name, the number of participants registering and a contact number. This program is free and open to the public.

NatureLab Workshops: Advanced Tree ID-11:00-2:00PM. Sometimes trees are well-behaved, presenting obvious clues that allow us to open up a field guide and identify them with confidence. But not all tree species have read the books we write about them. In this workshop, we'll take a step beyond the usual Tree ID hike to sort out the complex array of trees growing in the swampy forests of the Margery Gallogly preserve on Grand Island. \$50. [LEARN MORE & REGISTER](#)

Sunday, July 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.](#)

Ken-Ton Garden Tour- self-guided tours in the Village of Kenmore and Town of Tonawanda. They are free. Pick up maps at the Aquatic and Fitness Center, 1 Pool Plaza, Tonawanda. . Day Tour 10-4pm Self-guided.

Lancaster Garden Walk- daytime garden walk will be held from 10 a.m. to 4:30 p.m. The garden tour is free and self-guided. Maps will be available at Two Chicks and a Rooster, 732 Aurora St., Lancaster; Petals to Please, 5870 Broadway, Lancaster; and Lancaster Coffee Co. and Cafe, 24 Central Ave., Lancaster. [Info.](#)

Samuel P. Capen Garden Walk- 10 a.m. to 4 p.m. Pick up maps at UB Anderson Gallery, 1 Martha Jackson Place, Buffalo. Maps will also be downloadable at ourheights.org/gardenwalk a few days before the walk. This is a free self-guided tour of more than 70 private gardens and carefully nurtured public spaces. 2021 marks the 20th year of the Samuel P. Capen Garden Walk. [Info.](#)

Monday, July 19

Slow Roll Buffalo- 6:30 pm EDT, Five Points Bakery, RSVP [online.](#)

All Sides of Energy Resilience- Webinar from 12:15 to 1:30pm. [Register.](#) Designing resilient, sustainable energy systems is critical for organizations to thrive as the world accelerates toward a net-zero carbon emissions economy. Understanding how energy systems are evolving is equally essential for today's professionals to become better leaders, energy advisors, decision-makers, investors, regulators, and educators.

Tuesday, July 20

Summer Teacher Institute: Day in the Life of the Niagara River/Lake Erie Watershed -9am to 3:30pm and also on Wed. July 21. Dive into watershed STEM, become a certified GLOBE educator, and plan a Meaningful Watershed Educational Experience for your students in this immersive two-day training. Participants will be eligible to borrow Watershed STEM kits throughout the schoolyear. For educators of students in grades 5-12. Twelve CTLE hours provided. \$25 fee to cover program experiences. Register online at <https://reinsteinwoods.org/explore/programs-services/educator-workshops/>.

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! 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.

Horticulture VII Classes- Buffalo & Erie County Botanical Gardens from 6:30 to 8:30pm on Tuesdays until August 17. Classes will be held on Zoom. The fees are \$25 per class or \$150 per series for the general public and \$22.50 per class or \$135 per series for members of the Botanical Gardens. Classes are great for beginners as well as gardeners wishing to brush up on their skills. An optional supply list will be posted online for those who wish to supplement their instruction with hands-on materials. All classes and workshops are recorded and are available for one week after the class. [See details and register here.](#) Topic: **Night Visions: Evening Gardens.**

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: Lielle Berman & Louis Paonessa, Senior Sustainability Project Coordinator, New York Power Authority & Senior Director of Community Affairs, Niagara Power Project, <https://zoom.us/meeting/83652042898>

Wednesday, July 21

Summer Teacher Institute: Day in the Life of the Niagara River/Lake Erie Watershed -9am to 3:30pm and also on July 20. Dive into watershed STEM, become a certified GLOBE educator, and plan a Meaningful Watershed Educational Experience for your students in this immersive two-day training. Participants will be eligible to borrow Watershed STEM kits throughout the school year. For educators of students in grades 5-12. Twelve CTLE hours provided. \$25 fee to cover program experiences. Register online at <https://reinsteinwoods.org/explore/programs-services/educator-workshops/>.

Fairy Houses at Amherst State Park -10:30am. Join a naturalist from Reinstein Woods Nature Preserve in creating a house to attract nature's fairies. Once you learn how, you can make one anywhere. For children age 5-10 and their caregivers. Note: This program takes place at Amherst State Park. Pre-registration required; call Reinstein Woods at 716-683-5959.

Community Forestry Webinars: Urban Tree Pest Update – 12 to 1pm webinar. Find out which tree diseases are impacting our community trees and how best to manage those diseases. [Register](#).

The Spotted Lanternfly: Where we are and why it matters-1pm webinar. Dean Roush will be joined by Julie M. Urban, Research Associate Professor, Department of Entomology, and Jillian Stevenson, Associate Director of College Communications. The panel will discuss the latest research on this invasive pest that is continuing to spread throughout the northeastern United States and how the college is collaborating with the PA Department of Agriculture, USDA, and other states to translate and communicate research findings to provide tools for improved management of this pest. [Register](#).

LWVBN Summer Potluck Picnic-10:30 a.m, tour - 12:00 p.m, lunch at Providence Farm Collective, 5701 Burton Rd. Orchard Park, NY 14127. Tour the Providence Farm Collective at 10:30 a.m. with an overview of the history of the organization. There is a sheltered seating tent so the presentation can be done in the shade. The walk includes a visit to the various plots on the farm. They do have limited golf cart transportation for those unable to walk the terrain. Please bring a dish for the potluck lunch at noon to share with members and friends. Foundations, donors, businesses, and Western New York neighbors have enabled Providence Farm Collective change-makers to cultivate farmer-led and community-rooted agriculture and food systems that empower just and equitable access to food and farmland. We will learn stories from change-makers from Somalia, Liberia, and the Congo that are growing thousands of pounds of produce for their families and food-insecure neighbors. The resident chef, Shariff Abdi, from Somalia tries to cook a midday meal for the farmers Thursday through Sunday. If you would like to contribute to the meals, here are the items Shariff has on his wish list: coconut milk, dried beans, tins of cooked tomatoes, onions, potatoes, spaghetti, grated white cheddar cheese, beef cuts (not ground) **Please [make a reservation online](#) or by calling the League office at 716-896-4898**

What to Expect When You're Expecting an Exterminator-6pm. Information for the general public about pesticides, integrated pest management, hiring an exterminator, the neighbor notification law, and more. Pick up tips on how to protect yourself, your family, and your environment while using pesticides. [Register now](#)

Thursday, July 22

Buffalo edition of Beers, Bikes & Barges-6pm bike ride will begin at the Longshed at Canalside and meander through the city for a 14-mile guided tour along the site of the historic Erie Canal and ending at Big Ditch Brewing for any afterparty. Purchase of a ticket includes guided ride, a post-ride beer at Big Ditch, a commemorative "Ticket To Roll" T-Shirt and more! All proceeds go to keeping Slow Roll Buffalo free for all. [Purchase Beers, Bikes & Barges tickets here!](#)

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

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

Carnivorous Plants Demo- online from 6:30 to 7:30 p.m. David Clark, CNLP will highlight these intriguing plants using his own carnivorous collection. The fee is \$10 for the public and \$9 for Buffalo & Erie County Botanical Gardens members. [Register here.](#) Join their knowledgeable instructors online on a number of different botanical topics and discover new ideas from the comfort of home. The instructors will also share resources and tips so you can explore these new skills on your own. Demonstrations typically last about one hour with room for questions and answers.

Urban Forest Enhancements of Ecosystem Services-1pm. i-Tree Online Workshop. Using i-Tree Hydro, Landscape, Species, and the new Research Suite tool [i-Tree Buffer](#), we'll look at specific results and general insights about key questions for ecological stormwater management. This online workshop will highlight reports prepared for 30 near-shore watersheds dominated by urban land uses throughout the Great Lakes. We'll share ways to use these reports, key findings and limitations, and we'll have plenty of room for questions and discussion about how this information can be applied within these watersheds and beyond. [Register](#)

Webinar: Science-Based Targets for Nature-2pm. Expanding the scope of science-based targets from tackling only climate change to both climate and nature can help companies get ahead of regulation, increase the confidence of investors, catalyze innovation and more. Jess McGlyn, SEA, Corporate Engagement Lead at Science Based Targets Network, will walk you through the emerging methods. [Register.](#)

Waterway Trails: Past Present Future-Kayak tour at East Hill at 6 pm. Register by clicking [HERE](#).

Friday, July 23

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

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

2021 ReLeaf Conference- 9am to 3pm virtual. [View the complete list of speakers and conference agenda online](#), and [register with the NYS Urban Forestry Council on their website](#). The conference is just \$10 for students and Council members, and \$20 for everyone else. If you've wanted to check out a ReLeaf event and haven't had a chance to, this is your opportunity!

Goat Island Evening Walk- 7:30 to 9:30pm at [Niagara Falls State Park](#). Explore Niagara Falls State Park with a Park Naturalist and experience the beauty of Niagara Falls during the evening hours. *For information and registration call (716) 282-5154.*

Beach Sunset & Full Moon Photography Walk-7:30 to 9:30pm at [Woodlawn Beach State Park](#). Lake Erie has some of the best sunsets! So, bring your phone or camera to capture the colors followed by the full moon rise. *For information and registration call (716) 549-1050.*

Saturday, July 24

Summer Wildflowers-10am. Search for seasonal wildflowers and learn about their uses and folklore. For adults and children ages 10 and older. Pre-registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Gardeners Day with Bill Hendricks at Draves Arboretum-1 to 4pm. This year our topic will be Trees and Bees, presented by Bill Hendricks, President of Klyn Nurseries in Mentor Ohio. Bill will discuss including trees in your landscape to attract and feed pollinators throughout the gardening season. Handouts of the trees discussed will be provided. Following his talk, Bill will accompany Curator Thomas Draves on a tour of the Arboretum grounds which house all tree species discussed in the talk, and many more unique species to include in a gardener's plant palette. Price: \$30.00 Arboretum Members \$35.00 Non-Members. CNLP Credits are available for this class. Registration is Required. Register online below: [PURCHASE TICKETS](#)

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.](#)

Night of the Moth-9:30 to 10:30pm. at [Evangola State Park](#). Celebrate international moth week as we attract these night-flying insects up close to enjoy. *For information and registration call (716) 549-1050.*

Full Moon Walk with Marve Jacobs- 7:30 – 9:30pm. Join Oneida Nation elder Marve Jacobs for a twilight hike around the nature trails at Penn Dixie as he discusses the historical and contemporary uses of medicinal plants and trees. Tickets for this event are \$5, members get 10% off, and proceeds will be donated to the Oneida Nation. Space is limited. Contact Catherine@penndixie.org or call the office at 716-627-4560 to reserve your tickets!

Act Against Water Pollution kayak cleanup- Griffon Park at 9 am. Register by clicking [HERE](#).

Hyde Park Lake Stewardship-9am to 12:30pm. Join our RestoreCorp Team for an event at Hyde Park Lake to protect the habitat along the shoreline and learn about our Living Shorelines Initiative – Register by clicking [HERE!](#)

Sunday, July 25

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

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

Monday, July 26

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

Tuesday, July 27

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.

Horticulture VII Classes- Buffalo & Erie County Botanical Gardens from 6:30 to 8:30pm on Tuesdays until August 17. Classes will be held on Zoom. The fees are \$25 per class or \$150 per series for the general public and \$22.50 per class or \$135 per series for members of the Botanical Gardens. These classes are great for beginners as well as gardeners wishing to brush up on their skills. An optional supply list will be posted online for those who wish to supplement their instruction with hands-on materials. All adult classes and workshops are recorded and are available for one week after the class. [See details and register here.](#) Topic: **Controlling Plants: Trellises and 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: Bonnie Lange Lawrence, Deputy Commissioner, Erie County Dept. of Environment & Planning, <https://zoom.us/meeting/82812227974>

West Valley Series-6pm. Register for the 7/27 session here: <https://bit.ly/3fZkZ2Q>. Protections Needed for WNY during the Demolition of the Most Radioactive Building , West Valley Action Network by Charley Bowman. [Info.](#)

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.

Wednesday, July 28

Creek Critters at Amherst State Park-10:30am. Discover which amazing animals are lurking underwater in Ellicott Creek. Note: This program takes place at Amherst State Park. Pre-registration required; call Reinstein Woods at 716-683-5959.

Green Cleaning Workshop - 2 pm: Learn about the health and environmental effects of some chemicals found in cleaning products, where to find out more about cleaning products you may use, and how to make your own safer cleaning products. pre-register at: <https://tinyurl.com/SummerSeries2021>. It will lead you to a very short survey and then give you your own personal link to take part at the time of the lectures (same link for all 3). UB is gathering data for the environmental health study, so that's why it's different this time around with the Zoom.

West Valley Citizen Task Force- Register and get the link at <http://westvalleyctf.org/meeting-information/prior-meeting-information/>

New York State Pesticide Use and Regulations-6pm. DEC Staff will explain the differences between minimum risk, general, and restricted use pesticides, how to avoid common violations in the field, and how to become certified applicators and register a pest control business. [Register now](#)

Thursday, July 29

Intersections: Conservations on Race, Climate and Community-Centered Justice-2 p.m. - 3 p.m. ET [Register](#)

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

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

Quick Pickling-6 to 8:30pm via zoom. Learn how to pickle cucumbers and other vegetables, plus techniques for making a crisp pickle. This class will cover the basics of canning in a boiling water bath or steam canner, including equipment needed. Includes a demonstration. [Click here to register for the class](#).

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

Act Against Water Pollution kayak cleanup -6pm at East Hill. [Info and registration](#).

Friday, July 30

Virtual Program: Insects of the Night-9:30pm. The night offers a different world of insects that is rarely explored. Join us as we search our own backyards for moths and other insects attracted by light and scent. Pre-registration required; register online at www.reinsteinwoods.org/events.

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

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

Goat Island Evening Walk- 7:30 to 9:30pm at [Niagara Falls State Park](#). Explore Niagara Falls State Park with a Park Naturalist and experience the beauty of Niagara Falls during the evening hours. *For information and registration call (716) 282-5154.*

Saturday, July 31

Birding 101-9am. Learn how to identify birds by their calls while on a hike at Reinstein Woods. Bring binoculars if you have them. Pre-registration required; call 716-683-5959.

Landscape tours at Frank Lloyd Wright's Martin House Landscape Tours- 1:30 p.m. 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](#).

Paddles Up Niagara- Timed paddles at 7am, 8am and 10:30am at Beaver Island State Park, Grand Island. For info and registration, visit <https://www.niagararivergreenway.com/paddles-up>

Volunteer Event: Japanese stiltgrass pull at Mill Road Park-9:00am – 12:00pm at 740 Mill Rd, Buffalo, NY 14224, USA. Join WNY PRISM staff and volunteers to help remove Japanese stiltgrass, an early detection priority species, from Mill Road Park. To register, email wnyprism@buffalostate.edu with your name, phone number, email and number of attendees in your party. For detailed driving directions, [click here](#). Please wear long pants, socks and closed toe shoes. Water will be provided but please bring your own bottle.

Sunday, August 1

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.](#)

Tuesday, August 3

Summer Teacher Institute: STEM in the Schoolyard -9am to 3:30pm and on August 4. Transform any schoolyard into a NYSSLS learning laboratory using nationally recognized Project WILD activities and more. For educators of students in grades K-12. Twelve CTLE hours provided. \$25 fee to cover program experiences. Register online at <https://reinsteinwoods.org/explore/programs-services/educator-workshops/>.

Horticulture VII Classes- Buffalo & Erie County Botanical Gardens from 6:30 to 8:30pm on Tuesdays until August 17. Classes will be held on Zoom. The fees are \$25 per class or \$150 per series for the general public and \$22.50 per class or \$135 per series for members of the Botanical Gardens. These classes are great for beginners as well as gardeners wishing to brush up on their skills. An optional supply list will be posted online for those who wish to supplement their instruction with hands-on materials. All adult classes and workshops are recorded and are available for one week after the class. [See details and register here.](#) Topic: **Controlling Plants: Trellises and 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: Susan Clark, Director of Sustainability Leadership Program, University at Buffalo <https://zoom.us/meeting/89465560298>

Horticulture VII Classes- Buffalo & Erie County Botanical Gardens from 6:30 to 8:30pm on Tuesdays until August 17. Classes will be held on Zoom. The fees are \$25 per class or \$150 per series for the general public and \$22.50 per class or \$135 per series for members of the Botanical Gardens. These classes are great for beginners as well as gardeners wishing to brush up on their skills. An optional supply list will be posted online for those who wish to supplement their instruction with hands-on materials. All adult classes and workshops are recorded and are available for one week after the class. [See details and register here.](#)

Wednesday, August 4

Summer Teacher Institute: STEM in the Schoolyard -9am to 3:30pm and on August 4. Transform any schoolyard into a NYSSLS learning laboratory using nationally recognized Project WILD activities and more. For educators of students in grades K-12. Twelve CTLE hours provided. \$25 fee to cover program experiences. Register online at <https://reinsteinwoods.org/explore/programs-services/educator-workshops/>.

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:

Conserve Water- Plant water-smart landscape. EPA's [WaterSense webpages](#) can help you plan your landscape and choose plants that are drought tolerant for your area.

Save Money and Reduce Food Waste- Food waste is responsible for greenhouse gas emissions and wasted energy. Learn the ABC's to reduce your food waste with this [infographic](#).

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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.metroyny.com/events.php>

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

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

<http://buffalorising.com>

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

<https://boredommd.com/>

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

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

Additional local blogs and websites-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>
GBNRTC-<http://www.gbnrtc.org/blog/>
Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>
Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>
Learning Sustainability Campaign- <http://www.learningsustainability.com/>
Nourishing Harvest- <https://www.patreon.com/anourishingharvest>
Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>
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.huntnyoutdoors.com/events.php>
Citizen Science Opportunities- [listing](#)

County/New York State Resources

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

Green Jobs, Internships and Opportunities

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

Youth Summer/Holiday Camps/Home School Series

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

Grant Opportunities/Tools

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

Find your farmer <https://www.facebook.com/groups/893902477748081/>
Urban Farms/ Composting/Rural Community-Supported Agriculture/Sustainable Practices-
Backyard Bounty-podcasts on homesteading, beekeeping etc. <https://heritageacresmarket.com/backyard-bounty-podcast/>
Becker Farms- <http://www.beckerfarms.com/csa>
Brewster Street Farm- <https://www.jersbuffalo.org/brewster-street-farm>
Buffalo Organics/Foodscaping Project-<http://www.buffalofoodscaping.com/>
Canticle Farms-<http://www.canticlefarm.org>
Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>
Cool Greens Vertical Farm- <https://www.facebook.com/Cool-Greens-Vertical-Farms-2261876070712461/>
Crown Hill Farms-<https://www.crownhillfarm.com/>
Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>
Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>
Falkimmer Farms- <https://www.facebook.com/FalkimmerFarms/>
Farmer Pirates-<http://www.farmerpirates.com/>
Farmers and Artisans- <http://farmersandartisans.com>
Farmthisway CSA - <http://www.farmthisway.com/>
Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- <http://www.firstlightfarmer.com/>
Five Loaves Farm- <https://5loavesfarm.org/>
Fleckenstein Farms-<https://www.fleckensteinfarms.com/>
Free Fallen Fruit Rescue-<https://www.facebook.com/freefallenfruitrescue>
Fresh Fix -<https://www.freshfix.com/>
Goodman Farms- <https://goodmanfarms.net/>
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Greater Buffalo Urban Growers-<https://www.facebook.com/greaterbuffalourbangrowers/>
Green Heron Growers- <http://www.greenherongrowers.com/>
Gregs U-Pick- <http://gregsupick.com/>
Groundwork Market Garden- <http://www.groundworkmg.com>
Happy Shacks Oils-free seed library <https://happyshackoils.com/>
Healthy Living Farm- <https://www.healthylivingfarm.com>
Kindred Kreek Farms- <https://www.kindredkreek.com/>
Kubed Root-<http://www.kubedroot.com/>
Little Bear Farm- <http://www.littlebearfarm.harvesthand.com/>
Little Woods Farm-<https://www.littlewoodsfarmalden.com/>
McCollum Orchards- <http://mccollumorchards.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <https://platodalefarm.com/>
Porter Farms- <http://www.porterfarms.org/>
Produce Peddlers-<https://producepeddlers.com/>
The Promised Land- <http://promisedlandcsa.com/>
Providence Creek Farm- <http://www.providencecreekfarm.com/>
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
Rust Belt Harvest- <http://rustbeltharvest.org/>
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Utley Acres- <http://utleyacres.com/>
Westside Tilth Farm- <http://westsidetilth.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>
Local Meats- <http://meatsuite.com/>

NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>
WNY Food Hub for Farmers-<https://www.edenvalleygrowers.com/wny-foodhub>
Erie County Grown- www.erie.gov/eriegrown

Local Businesses with Classes and Workshops

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

Local Tourism promoting Sustainability

Buffalo Bites Food Tours- <http://www.buffalobitesfoodtours.com/>
Buffalo Tours- <http://www.preservationbuffaloniagara.org/buffalo-tours/>
Niagara Wine Trail - <http://www.niagarawinetrail.org/>

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

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
Cars- <http://www.donateacar.com/>
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>, <https://www.decluttr.com>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, 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](http://realsimple.com)

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

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

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

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

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

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

Water filters-Brita partners with preserveproducts.com/recycling

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

Eco-volunteering with Travel:

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

<http://www.globalteer.org>

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

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

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

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

Education Courses, Resources or Certificates:

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

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

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

Coursera- www.coursera.org

[Green Education Foundation](#)

[Facing the Future](#)

[Cloud Institute for Sustainable Education](#)

[Sustainable Futures Institute](#)

[Nature Generation.](#)

[The Center for Ecoliteracy](#)

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

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

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

On Demand Webinars:

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

[Plan-It GEO](#)

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

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

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

Miscellaneous tools including videos and websites:

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

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

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

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

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

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

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

[Archived EPA Climate Change Info.](#)

www.epa.gov/climate-indicators.

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

[Tool for Sourcing Local Meat](#)

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

[iMATTER Youth Movement to Spark Change](#)

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

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

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

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

[2018 Fuel Economy Guide](#)

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

[NOAA National Marine Sanctuary Webinar series](#)

[NOAA One Science Seminar Series](#)

[Green Restaurant sustainability tool](#)

[Mapping Climate Change.](#)

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

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

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

AIA Buffalo Western NY

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

Air and Waste Management Association

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

Allegany Nature Pilgrimage

<http://alleganynaturepilgrimage.com/>

Alliance for the Great Lakes

www.greatlakes.org

American Planning Association-WNY Section/Upstate

www.wnyapa.com

American Meteorological Society-WNY Chapter

www.facebook.com/amswnychapter

Amherst State Park Arboretum

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

Animal Advocates of Western New York

<https://animalswny.org/>

Aquarium of Niagara

www.aquariumofniagara.org

Asha Sanctuary for Rescued Farm Animals

<http://www.ashasanctuary.com/>

AWARE-Assoc. for Wild Animal Rehabilitation & Education

<http://www.awarewildlife.com/>

Bergen Swamp Preservation Society

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

Birds on the Niagara

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

Bond Lake Environmental & Beautification Committee

<http://www.freewebs.com/bondlake/>

Braddock Bay Bird Observatory

<http://braddockbaybirdobservatory.wordpress.com/>

Buffalo Architecture Foundation

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

Buffalo Astronomical Association	http://buffaloastronomy.com/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloudubon.org
Buffalo Blueway	https://buffaloblueway.com/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	https://www.buffaloinbloom.com/
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	https://buffalo-orienteeing.org/
Buffalo Ornithological Society	https://www.buffaloorithologicalsociety.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://1ambluebirdtrail.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.ecswed.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
500 Women Scientists, Buffalo Chapter	https://500womenscientistsbuffalo.wordpress.com/
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/

Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Research Consortium	https://www.esf.edu/glrc/
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	http://gwbuffalo.org/
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Inland Ocean Coalition-Buffalo Chapter	https://inlandoceancoalition.org/whoweare/chapters/buffalo/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jsbuffalo.com
Lake Erie Watershed Protection Alliance	http://www.erie.gov/lewpa

Leadership Buffalo	https://www.leadershipbuffalo.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Let There Be Light International	www.lettherebelightinternational.org
Local Initiatives Support Corporation	https://www.lisc.org/wny/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	https://nysacc.org/
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	https://parks.ny.gov/
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/

Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York Upstate Chapter, Landscape Architects	https://www.nyuasla.org/
New York State Wetlands Forum	http://www.wetlandsforum.org/index.html
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	Niagara Frontier Botanical Society
Niagara Outfitters	https://niagaraoutfitters.com/
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-1013633888708865/
Niagara River Greenway Commission	https://www.niagararivergreenway.com/
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/
Our Outer Harbor	http://www.ourouterharbor.org/
Partners for a Livable WNY	https://www.livablewny.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Pelion Garden	https://peliongarden.org
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org

Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Pollinator Conservation Association	http://www.pollinatorconservationassociation.org/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
Providence Farm Collective	http://providencefarmcollective.org/
PUSH Blue	https://www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	https://levesqueinstitute.niagara.edu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://rocbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/EXTRA/enviromentalists.htm
Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	https://www.facebook.com/South-Buffalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org

Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	https://www.facebook.com/21stCenturyParkOnTheOuterHarbor/
UB Engineers for a Sustainable World	http://www.eswub.com/
UB Environmental Network	https://www.facebook.com/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.uli.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.org/
WASH Project	http://thewashproject.org/
Wellness Institute	https://creatinghealthycommunities.org/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.wnyea.org

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

