

Enviro-News

November, 2021

Sponsored by Daemen College's Global & Local Sustainability Department

Newsletter Contents:

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

Articles:

Buffalo and Erie County Food Policy Council (FPC) Seeking New Members

The Buffalo and Erie County Food Policy Council (FPC) is seeking community-minded individuals to serve on the Council. If you're interested in effecting positive change in the Buffalo and Erie County food system, and feel that you can add value and perspective to the Council, please consider applying. Applications are currently being accepted until **November 5 at 5PM**. Please complete an [application](#) send a copy of your resume to FPC@erie.gov. Please note that you must be an Erie County resident to apply.

Virtual Public Meetings: Barriers and Opportunities for Energy Issues

DEC, in cooperation with the New York Energy Research and Development Authority (NYSERDA) and the New York Power Authority (NYPA), will hold virtual public meetings on **November 3 and 4, 2021**, to receive comments that inform the development of the *Barriers and Opportunities for Historically Overburdened and Under-Resourced Communities Report*. The Climate Leadership and Community Protection Act (Climate Act) directs DEC to prepare a report on barriers to, and opportunities for, access to or community ownership of five types of services and commodities in disadvantaged communities, pursuant to the Climate Leadership and Community Protection Act. DEC, NYSERDA and NYPA are seeking public input on barriers and opportunities to the energy-related services and commodities in communities that are historically overburdened and under-resourced. There will be two public WebEx meeting sessions: November 3, 2021 at 5:30 p.m. and November 4, 2021 at 12:00 p.m. Study findings will be further refined based on public input. Additional information, including instructions for joining each event as well as supplemental documents, will be made available prior to each event at: <https://climate.ny.gov/Events-and-Meetings>. An online public comment form: <https://climate.ny.gov/Events-and-Meetings>

Bird Plumage and Color Vision Co-Evolution in Birds: Vaughan Memorial Lecture

The Buffalo Museum of Science is pleased announce the 29th Annual William C. Vaughan Memorial Lecture is returning and will be held in person in the Museum's auditorium on **Wednesday, November 10** at 7 p.m.! Dr. Trevor Price from the University of Chicago's Department of Ecology and Evolution will focus on the evolution of color vision in birds, colored with anecdotes from his field research in the Himalayas studying drivers of biodiversity and impacts of climate change. The Buffalo Museum of Science requires that you wear a face covering at all times during your visit. Before and after the lecture (doors open at 6:30 p.m.), attendees may view a pop-up display of bird specimens from the Museum's education collection, highlighting color variations across bird species. The Museum's exhibits will not be available for this evening event. Lecture is free and open to the public but registration is required. [Register](#).

Green Drinkers!

We will be meeting again in person on **Thursday November 11th** at Rusty Nickel Brewing Co., 4350 Seneca St, West Seneca, NY 14224. The event is also listed on Facebook (<https://fb.me/e/1qkDZsKMI>) or on the Green Drinks webpage (<http://www.greendrinks.org/NY/Buffalo>). Feel free to share it with anyone you think might be interested!

Penn Dixie Virtual Fundraiser Dinner

The Penn Dixie Fossil Park and Nature Reserve is hosting a virtual fundraising dinner! Once again, we have partnered with Resurgence Brewing to offer a fantastic dinner deal for the event. Dinners are \$50 and include dinner for two, (choice of three different meals), desert, and a 4 pack of assorted Resurgence beers. Dinners will be available for pickup on the **11th of November** and can be enjoyed while taking part in our virtual fundraising auction and festivities online! For info and to order your dinners! <https://resurgencebrewing.com/product/tickets-penn-dixie-fundraiser/>

Wildlife Rehabilitation Course

Learn how to lend wildlife a helping hand and provide proper emergency treatment to injured, orphaned, and distressed wildlife living in your community. Hawk Creek's Wildlife Rehabilitation Course offered **November 13 and 14** is an intensive eight hour learning experience taught by licensed wildlife rehabilitators sharing over 30 years of experience, up-to-date technical information, and incredible stories. Course is open to adults, (recommended) 16 years of age and older preparing to take the NYSDEC wildlife rehabilitation exam or just interested in expanding their knowledge. Pre-registration is required. \$100 per person. The course meets 12-4pm at 1963 Mill Rd, West Falls, NY 14170 on both days. [LEARN MORE & REGISTER.](#)

Invasive Species Documentary for New York State: Free Viewing

Uninvited: The Spread of Invasive Species, a brand new documentary from Westfield Production Company and the New York State Department of Environmental Conservation will premiere **Monday, Nov. 1** on [DEC's YouTube channel](#). *Uninvited* is an informative documentary about the damage that invasive species are causing to New York's natural environment, communities, and economy. But it isn't all doom and gloom – the film also highlights some of the innovative ways New York State is combating these threats, including how our tail-wagging friends are helping out. *Uninvited* details the collaborative work of DEC and its partners including NYS Department of Agriculture and Markets, the eight Partnerships for Regional Invasive Species Management (PRISMs), and New York State Invasive Species Research Institute (NYISRI). It covers both prominent emerging invasive species such as spotted lanternfly, and lesser known species of concern such as scotch broom.

NESAWG's Annual It Takes a Region Conference

NESAWG's annual *It Takes a Region* Conference will be held from **November 8-11**; it brings together farm and food systems practitioners across the 12-state Northeast region to learn, debate, collaborate, and innovate solutions to critical food systems issues. Each year, we look at the trajectory of the food and farm movement and the role our network can play in shaping its future. We offer in-depth working sessions that tackle important questions about our regional food system and how to strengthen it, drawing from the collective expertise and wisdom of conference attendees. NESAWG prices tickets to our annual conference based on ability to pay. We encourage you to choose a ticket that is in line with the suggested parameters you fit into, so that we can continue to make our conference accessible to as many as possible regardless of income. [Register.](#)

Erie County Earns Silver for Efforts to Address Climate Change

Erie County was one of two municipalities statewide to be awarded silver certification in New York State's Climate Smart Communities program. The program supports local efforts to meet the economic, social, and environmental challenges posed by climate change. View [certification reports](#) for these communities to see what actions they completed.

Wilderness First Aid Training

Earth Spirit Education is offering a Hybrid Wilderness First Aid (WFA) course for an individual or small group that travels beyond pavement and into the outdoors. The course consists of 8 hours of online learning and 8 hours of in-person training and practice scenarios at University at Buffalo Letchworth Woods. The in-person training will be **Saturday, November 20 from 9am to 6pm**. Wilderness can be defined as being 60 minutes or more away from help. WFA covers the most critical aspects of providing safety and first-aid in a wilderness setting. Adhering to the wisdom of the National Association for Search and Rescue (NASAR) and its guidelines, you will receive both theory and practical, up-to-date training. To register for this 16 hour training, please fill out and submit the form below AND complete payment via PayPal below. <https://earthspiritedu.org/events/>

Grassroots Gardens: Start A New Garden with Us in 2022

Grassroots Gardens 2022 Community Garden Application is now available. Apply by **November 30th** to start a neighborhood, school, or therapeutic community garden with our network next season. [Apply Now](#)

Landscape Maintenance Technician Program: Free Training and Paid Internship

Are you looking for a new career? Are you interested in learning more about how you can become a landscape maintenance technician? The Buffalo Center for Arts & Technology (BCAT), in collaboration with the Buffalo Olmsted Parks Conservancy (BOPC) and The Riverline, will offer classroom instruction beginning in January 2022, in-field training, and a paid internship program at BOPC's urban park system. The 120-hour course will include 60 hours of in-class instruction offered at BCAT, followed by 60 hours of in-field training and a paid internship. Thirty spots are available with full scholarships for every adult. The 30 adults who are accepted into the program will ALL receive a scholarship that will cover 100% of the cost of the program. To apply, visit bufcat.org/apply.

NOFA-NY's 40th Annual Winter Conference

NOFA-NY's Winter Conference will be held **online from January 18-23, 2022**. The conference is one of the largest organic food and farming conferences in the nation – gathering hundreds each year to meet old friends, learn new skills, provide support, and celebrate community. Not only can you join from anywhere, the virtual conference also broadens access by offering workshop recordings, translation services, closed captioning, and more. The conference website and mobile app will remain open until March 1, 2022, meaning you'll have an entire month to enjoy all that the conference has to offer! [Register Today](#)

Household Hazardous Waste Collection

All Erie County Department of Environment and Planning (ECDEP) Household Hazardous collection events are full for the year. Erie County residents have the option of using the County's "Voucher Drop-off program" which enables residents to bring up to 50lbs. of eligible hazardous waste to the Hazman facility in Tonawanda at no cost. Again, preregistration for this service is required. For more information go to erie.gov/recycling or Hazman directly at 998-8073 or call 76-858-6800.

DEC Seeks Input for Regulations to Implement Ban on Glyphosate Use on State Property

A recent amendment to the Environmental Conservation Law bans any state department, state agency, public benefit corporation or any pesticide applicator employed as a contractor or subcontractor to apply glyphosate on state property. However, there are exemptions to this ban to maintain critical infrastructure, manage roadside vegetation to ensure public safety, for the control of invasive species and pests of significant public health importance, and for research purposes. The law is effective December 31, 2021. This law requires the DEC to develop regulations addressing the parameters for glyphosate use by state departments, state agencies, public benefit corporations or any pesticide applicator employed as a contractor or subcontractor to apply glyphosate on state property. [More information and updates.](#)

LEED Green Associate (GA) Training - Webinar and Online Self-paced Options

Register for a live webinar or start today with our on-demand recorded workshop completed anytime at your own pace here - <https://leadinggreen.com/online>. This course is instructed by a USGBC Faculty member and is the most effective way to pass. The USGBC charges a \$100 (reduced for students) fee for the actual exam which can now be taken online from home. Save money by reserving your spot today and make a positive difference in your career! Cost: \$200 - Students can use the coupon code 'green' for \$50 off (Discounted course price \$150).

Winter Wildlife Excursion: Yellowstone National Park

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

Providence Farm Collective Accepting Applications for 2022 Incubator Farmers and Community Farms

Providence Farm Collective supports underserved farmers in Western New York needing access to clean, rural farmland, farming and business education, technical assistance, access to markets and the opportunity to farm for income. Please see their [program page](#) for more information about these programs. To apply please fill out & return the appropriate application: [Incubator Program Application](#) or [Community Plot Program Application](#). **Don't delay, applications are due December 1st, 2021.** Please note that we have a limited number of spots available. Please contact PFC with any questions by emailing providencefarmcollective@gmail.com or calling 716-536-9088.

Erie Grown Website: Connecting Farmers and Consumers

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

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

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

Farmland Protection Grants Available

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

Pollinator Conservation Association Seeks Board Members

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

Funding for EV Charging Stations

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

Soil Erosion and Sediment Control Training

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

Make Our Enclosure a Reality so We Can Help More Wildlife

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

Erie County Climate Ambassador Program Needs You

Help create a healthier and more resilient Erie County by becoming a Climate Action Ambassador. The Climate Action Ambassador program encourages residents to have conversations and share input on how our community can be healthy, sustainable, and resilient. Ambassadors will gain knowledge to engage with their communities on topics such as climate change, equity, renewable energy, clean transportation, and more to help develop an equity-centered climate action plan. If you are interested in becoming a Climate Action Ambassador please fill out [this sign-up form](#) to access our Climate Action Ambassador Toolkit and join discussions with others- being a Climate Action Ambassador is a flexible commitment. We ask that you try to host at least three meetings within your community to gain feedback on how Erie County can be healthy, sustainable, and resilient. These meetings can happen in any format that you deem appropriate for your community. If you have any questions reach out to the Erie County Sustainability Coordinator, [Tracy Skalski](#).

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.

Are you a Restaurant Owner or Food Service Administrator?

How do you choose the greenest disposables? Should you choose Compostable? Biodegradable? Recycled? Recyclable? Post-Consumer Waste? Pre-Consumer Waste? So many terms and so little time. Watch the Green Restaurant Association's new video to help you make the best choices. [View Video Here](#).

Make Cigarette Butts Part of Your Cleanups

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

Regenerate NY Cost-Share Grants Available for Forest Landowners

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

Watershed 101 for Local Towns

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

Cladophora Reporting

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

EPA Develops Food Stewardship Education Resources for the Faith Community

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

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.

NYSERDA Green Jobs Green New York Energy Studies

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

Save the Date: 64th Allegany Nature Pilgrimage

The 64th Allegany Nature Pilgrimage is on the calendar for **June 3, 4, and 5, 2022**. The event will take place in the Red House Area of Allegany State Park. The ANP committee is hard at work with planning. The program leaders are raring to go! We hope that you will be joining us! The rental period is now open for securing a cabin or campsite at the Park for the ANP weekend. Reservations can be made up to 9 months in advance. Go to www.reserveamerica.com to make your reservations. Should you need more information about this popular event, please see the website at www.alleganynaturepilgrimage.com.

Download the Ecosystem Restoration Playbook

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

Barnacles Inspire New Glue to Aid in Wound Sealing

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

Bike-Friendly Business Certification

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

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>.

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.

New Invasive Species: Map Shows you What to Watch

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

Central Terminal Master Plan

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

Buffalo Food Waste Diversion is Available Year-Round

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

What Goes Where: Recycle Coach

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

New Continuing Education Opportunity: Nature and Human Health

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

Is Your Congregation Cool?

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

Lead Pipes in your House? Get a Free Water Test

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

Explore Census Data throughout Erie and Niagara Counties

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

Volunteer with DEC's Adopt-a-Trailhead Program

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

Guide to Talking about Climate Change with Kids

"Beginning the Climate Conversation: A Family's Guide" will help you talk to your kids about the climate crisis by providing tips on how to start the conversation, deciding on age-specific information and moving the conversation from dangers to solutions. Download the free guide at [link](#).

Current NY Environmental Bills List

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

Help Track Spotted Lanternfly

[Spotted lanternfly \(SLF\)](#) is an invasive pest from Asia that feeds on a variety of plants including grapes, hops, and maple trees, posing a severe threat to NY forests and agriculture. SLF has been found in several locations in NY but has not yet spread to much of the state. One potential pathway for the spread of SLF is its preferred host plant, tree of heaven (TOH), which is already found in many locations across NY. Learn more about the insect [here](#). We are seeking volunteers like you to look for SLF and TOH in your area. Visit the [NY iMapInvasives website](#) to learn about the project, and sign up for a grid square on the map to monitor.

Reuse Action in Action: Source for Reusable Materials

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

Are Electric Vehicles Really Greener Options?

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

21-Day Racial Equity Challenge

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

Resources for Buying an Electric Vehicle and Charger

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

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

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

Tiles from Fish Scales

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

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

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

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.

Ocean-degradable Biomaterial: Solution to Plastic Pollution

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

Organic Waste to Pigments

San Francisco-based company Bioforcetech has a method to transform that organic waste into a grayscale pigment and material additive, called OurCarbon. Their process first involves diverting food waste and biosolids, from landfills, where they would break down and release methane. Thermophilic bacteria with an anaerobic decomposition results in materials that can be used in a variety of applications, including as a pigment in color paints, 3D print filament, wood stains, and textile dyes. Bioforcetech claims that for every ton of the material produced from landfill-diverted biosolids, they prevent 10 tons of CO2 from entering the atmosphere — the equivalent of taking two cars off the road for an entire year. <https://www.designboom.com/design/bioforcetech-ourcarbon-pigment-material-10-19-2021/>

Farm Energy Audits

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

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

Application Period Open for Wetland Reserve Easements, Agricultural Land Easements

Interested landowners and entities can now apply for for the Wetland Reserve Easements (WRE) and the Agricultural Land Easements (ALE) components of the Agricultural Conservation Easement Program, which focuses on restoring and protecting wetlands as well as conserving productive agricultural lands and grasslands. Landowners are compensated for enrolling their land in either of these two easement options. [Learn more and apply](#) by **November 15**.

Geocaching: Have Fun and Make a Difference

Geocaching is a treasure-hunting game that uses GPS-enabled devices to find caches other players have hidden. Caches could be a small container, like a film canister; as large as a trash can; or something tricky, like a fake rock with a hidden compartment. Inside each cache, there's a logbook so players can log their finds and often choose some small, fun thing to take away. However, players are expected to leave something of equal or greater value, so the next seeker isn't disappointed. To celebrate the 20th anniversary of geocaching, players will be doing something different this year by logging a locationless cache that in some way improves the environment. To participate, Geocaching HQ asks people to do something like clean up a walking path, plant trees or help a community group remove invasive species in a park and log a photo. The locationless cache initiative is available for [logging now](#) through **December 31, 2021**.

Heirloom Seed Saving

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

Recycle Right Website Launches

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

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

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

Climate Superstars Challenge is now open for registration!

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

Design a Planet from Scratch: Board Game

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

COP 26 Resources for Educators

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

Teacher's and Home-Schooling Resources

[TREES](#)- curriculum for Teaching Reforestation Environmental Engagement and Sustainability.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Additional resources](#)

Contests and Awards

[Samsung Solve for Tomorrow!](#)- national competition for students in grades 6–12 that encourages problem-solving through STEM. open to 6–12th grade students in the U.S. Samsung Solve for Tomorrow is looking for innovative ideas to solve problems in communities, and has launched a sustainability track for this contest (NAAEE is a partner on this piece!). Deadline: **November 8**.

[Cool Congregations Challenge](#)- Win \$1000. There are five entry categories: Energy Saver: Lighting, Insulation, Windows & Doors, Heating & Cooling Systems; Renewable Role Model: Solar, Wind, Geothermal, Solar Water Heating; Sacred Grounds: Native landscaping, Organic Gardening, Water Conservation, Bike Racks, Wildlife Habitats, Recycling & Composting; Community Inspiration: Inspiring Congregants to Reduce at Home, Helping Communities Transition from Fossil Fuels to Clean Energy, Helping Communities Prepare for the Impacts of Climate Change; Cool Congregations Planner: Audits, Planning Reports, Fundraising; NEW! Electric Vehicle Leader: EVs, Charging Stations, Education, Advocacy, Outreach. Projects can take place inside the worship space or other buildings, on the grounds, in congregants' homes, or in the community. Deadline: **December 15**.

[Annual Arbor Day Poster Contest](#)-DEC's annual Arbor Day Poster contest is underway. With fall foliage nearing peak, now is the perfect time to capture a contest-winning photo of your favorite tree or forest scene. Snap a picture on your next outdoor adventure for a chance to have your work featured on the 2022 Arbor Day Poster. Not a photographer? Submit a drawing or painting instead! Submit original photographs and artwork by **Dec. 31, 2021** to arborday@dec.ny.gov and include your name, address, and, if submitting a photograph, where the photo was taken. Entries must feature trees within New York State. Participants are limited to three submissions.

[Verizon Forward for Good Challenge](#) encourages teams of 2-3 undergraduate or graduate level students enrolled in U.S. institutions, or CGI U alumni previously or currently enrolled in U.S. institutions, to leverage 5G and other leading-edge technology to advance equity within the U.S. in one of CGI U's five focus areas: Education, Environment and Climate Change, Peace and Human Rights, Poverty Alleviation, and Public Health. Application deadline: **January 21, 2022**.

Grant and Scholarship Opportunities

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

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

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

[People, Parks, and Power](#)- program supports community-based organizations working in urban and low income communities of color across the US. They currently have a \$7 million call for proposals open, and letters of intent are due by: **November 4th**.

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

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

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

[NYSEFC Wastewater and Drinking Water Project Funding](#) - offering \$400 million in grants for wastewater and drinking water projects during the 2021-22 state fiscal year. Deadline: **Nov. 22, 2021.**

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

[21st Century Fund](#)- \$100,000 grant for non-profit with high impact project. Deadline: **December 3.**

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

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

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

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

[BioLEAP Classroom Grants](#) - offer financial awards of up to \$1,000 to educators and school administrators to help offset the costs of making the switch to humane dissection alternatives. Grant dollars can be used to purchase resource materials, supplies, equipment, or technology to support replacing traditional animal dissection activities with humane, non-animal solutions. Deadline: **February 18, 2022.**

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

[Climate Emergency Fund Grants](#) - The Climate Emergency Funds awards grants up to \$75,000 across four major campaigns: Confronting Media Climate Silence, Climate Emergency Campaigning, Building Movement Infrastructure, and Back To The Streets. 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.**

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

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

[The Connect-Kids-to-Parks Field Trip Grant Program](#) (Connect Kids) is designed to connect students in New York State with nature and history. Each grant provides reimbursement of up to \$40 per student (and \$80 for Special Education students) for field trips to state and federal parks, forests, historic sites, fish hatcheries and other outdoor recreation areas. Deadline: **Rolling**.

[The Kars4Kids Small Grant Program](#) is dedicated to supporting education, mentoring, and youth development programs around the country that help children develop into productive members of their community. Grants typically range from \$500-\$2,000. Deadline: **Rolling**.

[H2O for Life Mini-Grants](#) provide \$250-\$500 mini-grants for schools to organize projects that educate youth about the global water crisis and help them take action to provide water, sanitation and hygiene education (WASH) for global partner schools. Deadline: **Rolling**

[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

[Outreach Specialist](#)- to support GOBike's GO Buffalo Niagara Transportation Management Association (TMA) Initiative. Deadline: Oct. 31 or until filled.

[Sustainability and Resiliency Planner](#) -- The successful applicant will play an instrumental role in our sustainability and resilience work, which includes implementing the award-winning regional sustainability plan [One Region Forward](#). This position will advance regional sustainability by helping Erie and Niagara county municipalities increase their resiliency through planning, policy adoption, and project implementation. Deadline: **11/6/2021**.

[The Riverline Director](#)- will lead the planning and implementation of The Riverline, a planned iconic, innovative, and inspiring nature trail and greenway in central Buffalo along the Buffalo River, embedded in the Old First Ward, Perry, and Valley neighborhoods. This job is an opportunity to be a part of Buffalo's waterfront and community revitalization. The Riverline will connect people to nature and to each other, demonstrating how to use natural regeneration and new public space to create a more welcoming, inclusive, and healthy city. Accepting applications until **November 30**.

[Tift Facilitator of Learning](#)-This multi-faceted position requires a motivated, outgoing, and creative individual who is effective in facilitating engaging STEM-themed activities in a variety of settings including the outdoors.

[Food Systems Educator](#)-Cornell Cooperative Ext., Lockport. Deadline: **November 29**.

[Community Engagement Manager](#) -- will provide support for outreach, communications, project management, and reporting for the [East Side Avenues](#) initiative. East Side Avenues is a unique public/private partnership that provides capital and organizational support to transformational projects in targeted areas along four East Side commercial corridors. **The position will remain open until filled.**

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

[President and CEO](#)- Buffalo & Erie County Botanical Gardens.

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

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

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

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

[Assistant Curator](#)-Buffalo Zoo.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Other Citizen Science Programs](#)

Upcoming Community Activities:

Tuesday, November 2

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

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

Simplify your Winter Holidays through Waste Reduction- 2 to 3pm webinar. The Center for Biological Diversity is holding a free webinar. Just after the Halloween candy is gone, we start to think about winter holiday gift giving. Join us for a webinar that includes tips, tricks and hacks for a low-waste and less stressful holiday season. Walk away with shareable resources you can use immediately in your work. The free event will be recorded and include translations and closed captions. Register here - <https://bit.ly/2QBkT8x>

Webinar: NYSEFC WIIA and IMG Programs-2pm. The NYS Environmental Facilities Corporation (EFC) will be hosting a webinar at 2 p.m. on November 2 to provide information about the [Water Infrastructure Improvement Act](#) (WIIA) and [Intermunicipal Water Infrastructure Grant](#)(IMG) funding opportunities. \$400 million is available for critical drinking water and wastewater infrastructure upgrades through these programs. To register for the webinar and find application documents, go to [EFC's website](#). If you have questions, e-mail NYSWaterGrants@efc.ny.gov or call 518-402-6924.

"Uninvited: The Spread of Invasive Species" Viewing Party- 7pm. The PRISM network is hosting two Virtual Viewings of the new documentary UNINVITED: The Spread of Invasive Species. PRISM staff and representatives with the NYSDEC will be answering questions and engaging in the comments during the viewings. [Register for Tuesday, November 2 at 7:00 PM](#).

IMAGINE Buffalo Series: Mark Goldman Virtual- 12:30 p.m. via Zoom for the IMAGINE Buffalo Speaker Series! Mark Goldman, local author, restaurateur & urban change agent, is the featured speaker. <https://us02web.zoom.us/j/84726808441> Free & open to the public.

Wednesday, November 3

Fall L.E.A.F. Workshop Series-6pm All classes will be held at the JCC Carnahan Center; 525 Falconer St., Jamestown. Beginners Guide to Goats. Goats make great companions, and can provide your family with milk, fiber, and meat. Join CCE Chautauqua 4-H Educator Kate Ewer to learn the basics of raising goats. Explore what breeds will work best for your family, where to purchase quality animals, how to safely house your goats, basic goat first aid, and why goats are like potato chips--you can't have just one! Series is open to beginning farmers, established farms looking to diversify and grow, agriculture enthusiasts, homesteaders and others. The fee for each workshop is \$5 per participant. Pre-registration is required. To register online click [HERE](#) or call 716-664-9502, ext. 209 or email lpc33@cornell.edu for the registration information. Masks are required.

Behind-The-Scenes Collection Tour: Cabinet of Curiosities-6:00 PM - 8:00 PM. Go behind the scenes to see what few have seen and explore the Museum's Collection. Tours are approximately two hours in length. Take a peek into the Vertebrate Zoology Collection's spine-tingling Cabinet of Curiosities to explore the mind bending stories of some of nature's unique freaks, morbid mistakes, and seemingly scientific impossibilities! Marvel at obscure oddities, glimpse the wildly unusual, and satisfy your macabre interests. Feeling enticed yet? We invite (dare) you to join us for a hair-raising tour to get an eyeful of all this, and more. You truly never know what you might encounter in the Cabinet! Ages: 18+. Cost: \$30 per participant, 10% off for BMS Members. *Register online or by phone at least one week in advance.* [Purchase Tickets](#)

Measuring Systems Change for Children's Equitable Access to Nature-3 to 4:30EDT. Learn how to measure progress in changing the conditions that keep cities from providing equitable access to nature for children. [Register.](#)

Insights into Humpback Whale Use of Entire Ocean Basins-6pm. Long-term studies of humpback whales were essential to the establishment of two national marine sanctuaries, Stellwagen Bank and the Hawaiian Islands Humpback Whale national marine sanctuaries. The results of two research projects have provided new insights into the complex lives of humpback whales, their use of entire ocean basins, how humans impact whales throughout all oceans, and how these impacts can be reduced. This discussion will focus on the similarities and differences of humpback whales in Hawai'i and the Atlantic. [Register.](#)

WorldWide Teach-In on Climate Justice Prep- 10am or 3pm. Climate-concerned students, educators and community members: [join info session](#) and help grow the [WorldWide Teach-In on Climate and Justice](#), set for March 30 2022. Focus your campus and community-- and the world -- on local climate solutions. We have easy to organize models to move beyond the thirty or so students who show for a normal climate event, to engage hundreds of people on your campus or in your community in critical dialogue about our future. As students and educators, nothing is more important than this work.

Understanding Food Equity-FREE Virtual Conference- 1pm. From production to disposal, our food system affects nearly all aspects of everyday life. How is our current food system affecting the health and economic vitality of communities and what does food equity have to do with it? Join the Northwest Tennessee Local Food Network for a FREE Virtual Meet-uP via ZOOM on Wednesday, November 3rd at 12 noon Central (1pm Eastern) with Kimberly Pettigrew, Director of Food Security Systems from United Way of Greater Knoxville.

So You Want to Start a Food Business? - 6:30 pm. This informative 2hr class will cover the basics regarding health inspections, permits, insurance, and the rules and regulations regarding making and selling food in New York State. Massachusetts Avenue Project (MAP) offers this class in partnership with the Erie County DOH and the Buffalo State Small Business Development Center. You will also be able to tour the commercial kitchen at MAP and speak with Bethany, Kitchen Manager, to get started on the process of renting space if needed. This **in-person class** will from 6:30-8:30pm at 387 Massachusetts Avenue. Tickets are \$25. Space is limited, so go to our Event page to register or use this link: <https://www.eventbrite.com/e/so-you-want-to-start-a-food-business-tickets-192451807537>

Thursday, November 4

Garden Talk-The Genesee County Master Gardeners are holding their Garden Talk series on Zoom from noon to 12:45 p.m. The series is free. Registration is required. A Zoom link will be sent to your email with your personal link to the event. Topic: “Harvest of Squash.” Do you know what to do with that winter squash that found its way into your home? Master Food Preserver Catherine J. will explain the different types of squash, how to prepare them for use, store them for later, and share a few recipes for that bountiful harvest. [Register here.](#)

Beneficial Electrification: The Future of Farming-1:15 to 2:45pm. Webinar/discussion. [Register.](#)

Inside Albany: Breaking Ties with the Fossil Fuel Industry- 12-1 pm ET for a virtual conversation with Senator Krueger and NRDC’s [Rich Schrader](#) and [Kimberly Ong](#) on this important piece of legislation, the broader role that New York plays in fighting the climate crisis, and how you can help our state remain a national climate leader. More information below and a [link to RSVP HERE](#)

Orchard Park Garden Club- 11:30 a.m. at St. John Lutheran Church, 4536 S. Buffalo Rd., Orchard Park. The meetings will be held in the newly constructed building behind the church building. Parking is around the back also. Sign-ups will begin at 11:30 a.m. with refreshments at noon and the program at 12:30 p.m. The program will be “Iron Chef Flower Design Style.” Members will create interesting and beautiful floral designs in competition on the spot.

Help Improve Energy Data Access for Community GHG Inventories:PSC Webinar- 10am-12pm. Access to energy data is critical for communities to track local trends in energy use and develop community greenhouse gas (GHG) inventories ([a priority action](#) in the Climate Smart Communities Program). Utility companies provide the meter data for UER. See the attached documents for details. The Public Service Commission (PSC) recently expanded utility reporting requirements and announced a public meeting to give communities the opportunity to learn about the UER and provide recommendations on how to improve it. During the online meeting, UER stakeholders and utilities will make a presentation, followed by a discussion roundtable with participants. This is a great chance to make your voice heard and express what’s important to you about the availability of this data. [register](#) to attend this PSC public meeting via WebEx by clicking this link:

Air and Waste Management Dinner Meetings-Stanley Radon, P.G. will make a presentation on the latest aspects of the former Bethlehem Steel Site Brownfield Project. Click [here](#) to register and [here](#) for the meeting announcement.

Pelion Community Garden Volunteers- 2:30 to 5pm. [Pelion Community Garden](#) at City Honors School, 206 Best St., Buffalo. Volunteers under the age of 12 must be accompanied by an older family member. They also need veggie waste, bagged leaves, old sheets and empty buckets.

Community Conversations: Farm Animals- 6:00 pm - 8:00 pm. Buffalo Niagara Heritage Museum, Amherst. Free for members, \$5 for others. [Buy Tickets Now](#)

Friday, November 5

What’s Bugging You First Fridays-12:30 to 1pm. Topic: Dealing with mice in your home. IPM Minute: Identifying sources of clothes moths. See [details and registration information here](#) or call CCE Chautauqua at 716-664-9502.

Evaluating Nature-Based Youth Development Programs- 1 to 2pm. In this free, interactive webinar, Hello Insight co-founder and COO Sally Munemitsu will share details about a new evaluation tool for measuring youth development outcomes in nature-based programs. Courtney Aber, national director for the YMCA BOLD & GOLD program, will share her experience with piloting the evaluation tool. You’ll be able to ask questions to determine if this tool is right for your program. **COST:** Free [Register.](#)

Buffalo Geological Society general meeting-Meetings start at 7:30 PM at the Heritage Discovery Center in Buffalo, NY. There is no admission fee and guests are welcome. Feel free to bring your latest mineral and fossil finds – there will always be members interested in swapping stories and helping with identification! Auction of the Jack Skinner Collection.

"Uninvited: The Spread of Invasive Species" Viewing Party-Noon to 1:30pm. The PRISM network is hosting two Virtual Viewings of the new documentary UNINVITED: The Spread of Invasive Species. PRISM staff and representatives with the NYSDEC will be answering questions and engaging in the comments during the viewings. [Register here.](#)

Opportunities and Challenges in Offshore Wind-10am to noon. Interest in the development of offshore wind is continuing to grow, as more governments and industries are committing to net-zero goals. This trend is gaining momentum in the U.S. Outer Continental Shelf (OCS) as well. Energy generated by offshore wind will be an important component of reaching net-zero emissions. In order to ensure that offshore wind is best integrated into the U.S. energy landscape, the complex technical and political frameworks must be understood. During this colloquium, our panel of experts in research, policy, and technology will discuss the value of offshore wind energy in the United States, highlighting opportunities and challenges in the sector as it aims to meet the nation's clean energy goals. [Register.](#)

Saturday, November 6

Woods Walk: Nature Guide's Choice-1pm. Join a guided nature walk through the woods. No registration required. Reinstein Woods Nature Preserve.

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

What the Rut? -Como Lake Park from 9:00 - 10:30 AM. Location: [Como Lake](#) - Shelter #5. Join Ranger Roy to learn about the deer rut and to take a walk looking for signs left by the bucks. Deer, elephants, and skunks all experiences this particular seasonal phenomenon. [Register for What the Rut? Como Lake Park](#)

Tool Library Volunteers-ReTree fall planting, 9am. The [Tool Library](#) is looking for [volunteers at service events](#). All necessary tools, equipment and gear will be provided by The Tool Library. Wear comfortable shoes and clothing you don't mind getting dirty. Please note that masks are required and they will be following strict health and safety guidelines. [Register here.](#)

Pelion Community Garden Volunteers- 10am to noon. [Pelion Community Garden](#) at City Honors School, 206 Best St., Buffalo. Volunteers under the age of 12 must be accompanied by an older family member. They also need veggie waste, bagged leaves, old sheets and empty buckets.

Fun Facts and Falling Foliage- 10am to 11:30am at Reservoir State Park. Come out for a stroll on the accessible path around Reservoir State Park! Enjoy the crisp air and embrace the November weather. For information and registration call (716) 282-5154.

Autumn Tree ID Hike-10am to noon at Knox Farm State Park. Take a hike through the fall woods to learn some basic tips and tricks that will help identify trees even after they have lost their leaves! For information and registration call (716) 549-1050

Lilliputian Wonders- 1 to 3pm at Knox Farm State Park. Enter the world of all that is small as we explore species seldom seen. Bring a hand lens if you have one! For information and registration call (716) 549-1050

Learn your Trees-10:00am-12:30pm at Walton Woods Park, Amherst. Come spend time with us and “learn your trees!” Learn how to use field guides as well as some helpful tips and tricks for identifying our forest friends.

<https://earthspiritedu.org/events/>

Cranksgiving is back!-Join us at The Foundry on November 6 at 12PM, kickoff at 1PM. It's our 10th annual Cranksgiving to benefit Buffalo Food Not Bombs! Part bike ride, part food drive, part scavenger hunt across the city - Cranksgiving is a food drive on two wheels. Bring a bike (any bike will do), a bag, a lock, a helmet and about \$10-15 to buy food. All of the food collected at grocery stores will be donated to [Buffalo Food Not Bombs](#) to support their work in preparing and serving hot food to folks all over the city. Riders will be given a manifest with a list of grocery stores around the city to visit and food items to purchase. After hitting some stores and checkpoints, riders will bring their completed purchases back to The Foundry (298 Northampton) for the post party. [Register](#). Being fast is not a requirement! Teams of 4 or less, please register prior to the event. [Learn more here](#).

Webinar: Promoting Equity, Diversity, and Inclusion Through Science and STEM Teaching Series- 11:30am to 2pm. Diversity, equity, and inclusion should be a central component in all aspects of education. However, achieving equity and social justice in science education continues to be an ongoing challenge. As we try to promote equitable learning environments for ALL students, science and STEM educators have a unique opportunity to reposition students who have been historically disadvantaged and underserved, so they become actively engaged participants in science learning. [Register here >](#)

Sunday, November 7

WNY Iris Society- 1:30 p.m. at the Julia Boyer Reinstein Library, 1030 Losson Rd., Cheektowaga. [Info](#)
David Baehre will give a presentation on bearded Irises. It will include all classes of the bearded irises, including miniature dwarf, standard dwarf, border bearded, intermediate bearded, miniature tall and tall bearded irises. He will also present “November Care of the Iris Garden.” There will be handouts and all questions answered.

A Dose of Nature: Forest Therapy-10 to 11:30am at Buckhorn Island State Park. Immerse yourself in the atmosphere of the forest with a certified Nature Forest Therapy guide. Awaken your senses, be in the present, slow down and reconnect with nature. You will be guided through a series of innovations /prompts to help you connect with your senses and the environment. The walk will blend time for solitude in nature with some light sharing. We will vary between wandering, sitting, and standing to cover no more than a mile. The walk will conclude with tea (not provided) under the trees. For information and registration call (716) 282-5154.

Monday, November 8

Fall L.E.A.F. Workshop Series- Unraveling the Meat Marketing Mystery, 6pm. All classes will be held at the JCC Carnahan Center; 525 Falconer St., Jamestown. The LEAF (Learn. Empower. Achieve. Farm.) Series is open to beginning farmers, established farms looking to diversify and grow, agriculture enthusiasts, homesteaders and others. The fee for each workshop is \$5 per participant. Pre-registration is required. To register online click [HERE](#) or call 716-664-9502, ext. 209 or email lpc33@cornell.edu for the registration information. Masks are required.

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

Tuesday, November 9

"Saving the Allegheny Wildlands and its Diverse Flora and Fauna"-7:30pm. Our speaker will be Jajean Rose-Burney, Deputy Executive Director of the Western New York Land Conservancy. In the past he has worked on urban design projects and protecting wetlands in Costa Rica and Mexico. Harlem Road Community Center, 4225 Harlem Road, one block south of Main Street in Snyder.

Virtual public meeting for Region Central Transportation-6pm. The purpose of the meeting is to review our analysis of mobility data and steps to develop scenarios and alternatives that will shape the future of Region Central. GBNRTC. Please [register](#)

IMAGINE Buffalo Series-Michael Martin, Executive Director, Native American Community Services, is the featured speaker. <https://us02web.zoom.us/j/89240786897>. Free & open to the public. Each weekly program will feature a local speaker and Q&A. This series is presented by the Buffalo & Erie County Public Library in conjunction with C-SAAHN and ImagineLifelongLearning.com.

Wednesday, November 10

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

Higher Education & US Green Building Council: An Enduring Partnership-10:30-12:00 noon free webinar. [Register.](#)

Annual William C. Vaughan Memorial Lecture-7:00 PM - 9:00 PM. Why is a bird red and not blue? Have plumage colors and color vision co-evolved in birds? Join us for the 29th Annual William C. Vaughan Memorial Lecture with speaker Trevor Price, University of Chicago Department of Ecology and Evolution. The lecture will focus on the evolution of color vision in birds, colored with anecdotes from Price's field research in the Himalayas studying drivers of biodiversity and impacts of climate change. Cost: FREE with advanced registration! [Purchase Tickets](#)

Wednesday Woods Talk-10am to noon at Buckhorn Island State Park. Head out to the woods for a scenic walk-through Buckhorn Island to enjoy the fall season. **For information and registration call (716) 549-1050**

WNY Stormwater Coalition Meeting-2 to 3:30pm TBD. Please contact Mary MacSwan at mary.macswan@erie.gov for meeting details and updates.

Thursday, November 11

Green Drinks- 5:30pm at Rusty Nickel Brewing Co., 4350 Seneca St, West Seneca, NY 14224. The event is also listed on the Green Drinks webpage (<http://www.greendrinks.org/NY/Buffalo>). Feel free to share it with anyone you think might be interested!

Pelion Community Garden Volunteers- 10am to noon. [Pelion Community Garden](#) at City Honors School, 206 Best St., Buffalo. Volunteers under the age of 12 must be accompanied by an older family member. They also need veggie waste, bagged leaves, old sheets and empty buckets.

Pelion Community Garden Volunteers- 2:00 to 4pm. [Pelion Community Garden](#) at City Honors School, 206 Best St., Buffalo. Volunteers under the age of 12 must be accompanied by an older family member. They also need veggie waste, bagged leaves, old sheets and empty buckets.

Friday, November 12

Environmental Justice Mapping Tools Webinar Series: Neighborhoods at Risk-1 to 2:30pm. NYSDEC partners at NY Sea Grant share Environmental Justice Tools that may be helpful for informing Great Lakes initiatives. [Register here](#)

Pelion Community Garden Volunteers- 2:30 to 5pm. [Pelion Community Garden](#) at City Honors School, 206 Best St., Buffalo. Volunteers under the age of 12 must be accompanied by an older family member. They also need veggie waste, bagged leaves, old sheets and empty buckets.

Buffalo Astronomical Association Meeting-7pm at Buffalo State College. Info at <https://www.buffaloastronomy.com/about/meetings/>

Goat's Milk Soap-Making Class -1 to 4pm. Making your own soap is easier than you think! In this class, you will make a goat's milk-based soap to take home! All materials will be provided. (\$25/person, Limited to 12 students). Email djf18@cornell.edu for sign up and payment details. Fee \$25.00. CCE Niagara (Niagara County Fairgrounds), 4487 Lake Ave. Lockport, NY.

Garlic Growing Workshop -6 to 7:30pm. Are you interested in learning how to grow your own garlic? Whether it be for a small garden plot or a large farm, you too can grow quality garlic! Join local farmer and CCE educator Rich Woodbridge as he discusses how to get started growing garlic in Western NY. CCE Niagara (Niagara County Fairgrounds), 4487 Lake Ave. Lockport, NY. In the Large Meeting Room of the 4-H Training Center. Price: \$15.00. This workshop is brought to you by CCE Niagara's Beginning Farmer Training Program. Email djf18@cornell.edu for sign up and payment details.

Saturday, November 13

Owl Prowl-7pm. Learn about the owls that live at Reinstein Woods during a nocturnal adventure in search of them. For adults and children ages 8 and older. Registration required; call 716-683-5959.

Save the Date: Honey Tasting-Your taste buds will "bee" delighted as you sample the flavors of local honey and get the buzz from a local beekeeper about our important flying friends. Check reinsteinwoods.org for more details and registration information.

Houseplant Swap and Seed Saving Workshop-noon to 2pm by the Seed Library at the Buffalo Central (Downtown) Library, 1 Lafayette Square, Buffalo. Take all those cuttings and propagations you've been working on, or the double you picked up accidentally, or just a plant that no longer sparks joy to trade for something new! Beginners and experienced growers and everyone in between are welcome. Feel free to take pots, trellises or other accessories to trade as well. Weather permitting, the library gardener Beaufort Wilbern will give a tour of the gardens on the Reading Ramp and talk about native plants and how to save their seeds.

Signs of Autumn at Sinking Ponds, East Aurora-10am to noon. Join Naturalist Sandy Geffner for a gentle walk through the Fall forest in search of wildlife signs and other seasonal changes. Sinking Pond may also lend an opportunity to view some unique waterfowl passing through on their migration. Binoculars will be provided for those who don't have their own. <https://earthspiritedu.org/events/>

Pelion Community Garden Volunteers- 10am to noon. [Pelion Community Garden](#) at City Honors School, 206 Best St., Buffalo. Volunteers under the age of 12 must be accompanied by an older family member. They also need veggie waste, bagged leaves, old sheets and empty buckets.

Gorgeous Gulls: ArtPark State Park- 9 to 11am. Join Naturalist Tom Kerr for a hike into the Niagara River Gorge. Migrating Gulls are congregating in the Lower Niagara River, and we'll be looking for Black-legged Kittiwakes, Little Gulls, and Franklin's Gulls in the swirling flock of Bonaparte's Gulls. Binoculars are available. Donations gratefully accepted. [Register for Gorgeous Gulls](#)

Sunday, November 14

Sunday Hike: Chestnut Ridge-9:00 AM – Noon at Location: [Chestnut Ridge](#) - Eternal Flame Parking Lot. This week Ranger Roy will be focusing on the Eternal Flame (conditions permitting). [Register for Sunday Hike : Chestnut Ridge](#)

Monday, November 15

Stories & Science-6:30 to 7:15pm. We will have fun with hands on science and read some great stories too! Call 542-2327 to attend. For ages 4 and up. Newstead Public Library.

Tuesday, November 16

Little Tykes on the Trails-9:30 to 11am for ages 3-5 at Tiff Nature Preserve. \$7 per child with adult. Register www.Tift.org

Toddler Time: Thankful for Nature-10 to 11:30am. November is traditionally a time to be thankful. With Thanksgiving right around the corner, we'll take time to be thankful for all that nature provides for us. A story, hike, craft and snack will all be part of the celebration. \$8 BAS Members. \$10 Non-members. [Register.](#)

Sustainable Sourcing Panel-3:00 - 4:30pm Virtual Event. The products and services you and your business purchase make a difference! Join us to learn about sustainable procurement strategies and product choices. We'll discuss how to build local and inclusive procurement strategies through executive engagement, capacity building for procurement staff, and using data to inform strategy. Our guest speakers will share valuable insights on publicly available green products. <https://www.wnysustainablebusiness.org/events/sustainable-sourcing-seminar-and-happy-hour>

Lake Erie Watershed Protection Alliance Meeting- 1 to 3pm. Webex Online - Contact Joanna.Panasiewicz@erie.gov to be added to the email list

IMAGINE Series-[IMAGINE Buffalo Series: Joe Stahlman](#) at 12:30pm.. via Zoom. Joe Stahlman, Executive Director, Seneca-Iroquois National Museum, will discuss "Next Steps for the Onöhsagwë:de' Cultural Center." 12:30pm - 1:00pm.

Wednesday, November 17

Community Forestry Webinars: Pruning Young Trees for Strength, Structure, and Form-noon to 1pm. Learn how to evaluate a young tree's form and begin selecting branches to prune to improve form. Discussion will include how to reduce codominant stems through subordination and the importance of maintaining a central leader with well-spaced small branches. Pruning young trees, especially street trees, can be one of the best investments of time and funding. [Register.](#)

Citizen Science Tool - First Investigation of Stream Health (FISH)- 10am to 11:30 webinar for an introduction to the fun and easy to use mobile app and online reporting tools, free for anyone to use! We will show you how to access the reporting tools on your phone or computer and walk you through your first FISH visit to a stream. [Register.](#) Is your stream healthy? Would you like to explore it a little closer or monitor changes in your stream over time? Have you recently done something to improve your stream and now you want to measure the successful results? The First Investigation of Stream Health (FISH) tool is a fun and easy way for individuals, families, volunteer groups, youth, and adults to explore a stream and share your findings with the scientific community!

Green Stuff in the Water: No Day at the Beach-webinar at noon. [REGISTER HERE.](#) Join the binational Lake Ontario Partnership, Environment and Climate Change Canada and the U.S. Environmental Protection Agency for a one-hour public webinar on Lake Ontario, [Green Stuff in the Water: No Day at the Beach](#). This event is the latest in our webinar series, Let's Talk Lake Ontario and will focus on the issue of Cladophora in the lake, why it's a problem and what's being done about it. Participants will also hear about how citizen science can contribute to data collection on Cladophora and actions the public can take at home and in the community. For questions, contact Brandt.Peter@epa.gov or Carol.Kim@ec.gc.ca. Check out DEC Great Lake Program's new [Cladophora brochure](#) to learn more about how you can get involved in NY's Great Lakes!

Scinight Workshop: Insect Pinning- 6:00 PM - 7:00 PM. Hear the inside story behind the Museum's stunning BUGWORKS sign. Learn how to do it yourself in this workshop on relaxing and pinning moths and butterflies. Each participant will receive their own pinning board, spreading materials and specimens to take home. Ages: 18+. Cost: \$20 per participant (BMS Members save 10%). [Purchase Tickets](#)

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

Thursday, November 18

TechKnow Class: Using Google- 3 to 5pm. Google is more than a search engine. Need a map? What time is it in Amsterdam? Get beyond Google's main page and learn what this powerful search tool has to offer. Central Library. [Registration](#) is required.

Saturday, November 20

Animal Trips-10:30am. Enjoy a walk through the woods as we explore which Reinstein Woods residents migrate in preparation for winter. Registration required; call 716-683-5959.

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

Thanksgiving for the Animals -10:00-11:30am at the Buffalo Zoo. Who doesn't love a great feast for Thanksgiving? Our animals sure do! Join us as we explore the delicious delights we provide for our animals year round. We will explore the ways our zookeepers make diets, and even make a tasty treat for one of our zoo animals. [Register](#).

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

Arthropodalpalooza-11am to noon. Ages 10+, \$5 per child plus museum admission, free to members. www.sciencebuff.org for registration.

Birding Erie Basin Marina – 9AM to 11AM Join Naturalist Tom Kerr for a morning stroll around the Buffalo Waterfront. We'll search for migrating gulls and waterfowl, and hopefully find the first of the Snowy Owls to arrive in WNY. Binoculars are available and a spotting scope will be provided. Donations. [Register](#).

Wilderness First Aid Training-9:00am-6:00pm at University at Buffalo, Letchworth Woods. This Hybrid Wilderness First Aid (WFA) course is designed for an individual or small group that travels beyond pavement and into the outdoors. The course consists of 8 hours of online learning and 8 hours of in-person training and practice scenarios. Wilderness can be defined as being 60 minutes or more away from help. WFA covers the most critical aspects of providing safety and first-aid in a wilderness setting. Adhering to the wisdom of the National Association for Search and Rescue (NASAR) and its guidelines, you will receive both theory and practical, up-to-date training. The resulting certification is valid for 2 years. Must be 18 or older. To register for this 16 hour training, please fill out and submit the form below AND complete payment via PayPal below. <https://earthspiritedu.org/events/>

Webinar: Promoting Equity, Diversity, and Inclusion Through Science and STEM Teaching Series- 11:30am to 2pm. Diversity, equity, and inclusion should be a central component in all aspects of education. However, achieving equity and social justice in science education continues to be an ongoing challenge. As we try to promote equitable learning environments for ALL students, science and STEM educators have a unique opportunity to reposition students who have been historically disadvantaged and underserved, so they become actively engaged participants in science learning. [Register here >](#)

Sunday, November 21

Wildlife Ethics Hike-2:00 PM - 3:30 PM. Venture into the outdoors and explore how we may lessen our impact upon the wild, while still enjoying the beauty, wonder, and recreational benefit of walking in our local natural environments. Ages: 18+. Cost: FREE with Advanced Registration! [Purchase Tickets](#)

Monday, November 22

Border Issues in WNY: Justice for Migrant Families- 7 to 9pm at Canisius College - Science Hall, 1901 Main St, Buffalo, NY 14208. Join us for a panel highlighting Border Justice Issues in WNY, co-sponsored by the League, the WNY Peace Center Latin American Solidarity Committee and the WNY Peace Center Immigrant and Refugee Task Force. We will hear from people who are directly impacted by immigration policies locally. Buffalo, NY is a border city and immigrant communities face different challenges based on their immigration status. We will hear personal stories from someone who is a refugee, an asylum seeker, someone who is currently detained and an immigration attorney. The panel will discuss the process of resettlement in a new city, the isolating impacts of detention, and the importance of ensuring all immigrants have access to an attorney regardless of their immigration status. Learn how you can get involved with immigrant rights issues! There is no registration required, but all attendees must wear masks and we will collect contact information in case contact tracing is needed. Parking: Lot to the south of the building or in the parking ramp at Jefferson Street and Delavan Avenue, entrance on Jefferson. The venue is near the metro station.

Tuesday, November 23

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, November 24

Food Policy Council of Buffalo & Erie County public meeting-4pm. Meeting is open to all who have questions about food policy or those who have requests or suggestions. Please contact FPC@erie.gov to be sent a link to the meetings, which are currently being held virtually.

Thursday, November 25

Happy Thanksgiving!

Friday, November 26

Tonawanda Turkeys- 10AM-12PM Elmlawn Memorial Park Join Naturalist Tom Kerr for a walk through Tonawanda's Elmlawn Memorial Park in search of their resident Wild Turkey Flock. We'll learn all about this iconic American bird and other wildlife that are doing their best to adapt to life in suburbia. Binoculars are available. Donations gratefully accepted. [Register](#).

Opt Outside Hike- 10am to noon outside this black Friday at Woodlawn Beach State Park and explore one of the last remaining sand dune environments along Lake Erie! For information and registration call (716) 549-1050

Saturday, November 27

Stories in the Woods: Wild Turkeys-10am. Enjoy hearing a nature story, followed by a guided walk in the woods. For children ages 3-7. Registration required; call 716-683-5959.

Devil's Hole State Park – 9AM to 11AM Burn off Thanksgiving dinner with a hike down the stairs to the bottom of the Niagara River Gorge. We'll have close up views of the different gulls that make their winter home in the Niagara River. Binoculars are available. Donations. [Register](#).

Tuesday, November 30

IMAGINE Buffalo Series- 12:30 to 1pm via Zoom. [IMAGINE Buffalo Series: Environmental, Social & Corporate Governance Investing](#) featuring Mona Benisi (Morgan Stanley),... Virtual program.

Wednesday, December 1

Geology Collections- 6 to 7pm via Zoom. Hear from staff and volunteers at the Buffalo Science Museum. Free and open to all ages. Register at www.sciencebuff.org.

Behind-The-Scenes Collection Tour: Cabinet of Curiosities-6:00 PM - 8:00 PM. Did you know the Museum houses more than 700,000 specimens and artifacts? Go behind the scenes to see what few have seen and explore the Museum's Collection. Tours are approximately two hours in length. Take a peek into the Vertebrate Zoology Collection's spine tingling Cabinet of Curiosities to explore the mind bending stories of some of nature's unique freaks, morbid mistakes, and seemingly scientific impossibilities! Marvel at obscure oddities, glimpse the wildly unusual, and satisfy your macabre interests. Feeling enticed yet? We invite (dare) you to join us for a hair-raising tour to get an eyeful of all this, and more. You truly never know what you might encounter in the Cabinet! Ages: 18+. Cost: \$30 per participant, 10% off for BMS Members. *Register online or by phone at least one week in advance.* www.sciencebuff.org

Thursday, December 2

Garden Talk-The Genesee County Master Gardeners are holding their Garden Talk series on Zoom from noon to 12:45 p.m. The series is free. Registration is required. A Zoom link will be sent to your email with your personal link to the event. "Gifts from the Kitchen." Join Master Food Preserver Catherine J. as she demonstrates some wonderful ideas that you can use this holiday season. [Register here.](#)

Friday, December 3

What's Bugging You First Fridays-12:30 to 1pm. Topic: Avoid getting and spreading bed bugs. IPM Minute: Fruit flies – don't bother me! See [details and registration information here](#) or call CCE Chautauqua at 716-664-9502.

Saturday, December 4

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

Goat Island Birding – 9AM to 11AM Join Naturalist Tom Kerr for a morning birding walk at one of the best hot-spots to see winter gulls and waterfowl in North America. The icy rapids above the falls host several species that are hard to find elsewhere. Binoculars are available. Meet at Parking Lot #3. Donations. [Register.](#)

Webinar: Promoting Equity, Diversity, and Inclusion Through Science and STEM Teaching Series- 11:30am to 2pm. Diversity, equity, and inclusion should be a central component in all aspects of education. However, achieving equity and social justice in science education continues to be an ongoing challenge. As we try to promote equitable learning environments for ALL students, science and STEM educators have a unique opportunity to reposition students who have been historically disadvantaged and underserved, so they become actively engaged participants in science learning. [Register here >](#)

Monday, December 6

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

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.**

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

1. **Infrastructure bill active in the Congress:** Watch for upcoming infrastructure bills in Congress. The bill(s) will include items related to climate solutions and the clean energy transition. Support what will get us to a green economy and greenhouse gas reductions. Contact your federal senators and representatives and tell them to support the plans. To learn how to do this, including key messages for Senators, send an email to ClimateSenatorOutreach@gmail.com
2. **Create a solar future -** Solar Energy Industry Association's [Solar Vision](#) 100-day agenda. Check out the document for information on vital solar energy legislation in Congress. Contact federal elected representatives to push for a sustainable energy future. Join the solar power advocacy network by signing up [here](#).
3. **Join the Race to Zero -** We need to stop emitting greenhouse gases to stabilize our climate and prevent massive human suffering. Get the organizations you know to join the [Race to Zero](#) campaign.
4. **State energy efficiency -** Check out ACEEE's [state energy efficiency scorecard](#). NY is # 5. Contact your state legislators and governor to let them know you support their efforts to make our state more energy efficient for a healthier environment and economy.
5. **NY Proposed legislation** related to [climate change, renewable energy and fossil fuels](#). Share your comments regarding the legislation with elected officials. Consider supporting [S.4816/A.6882](#), a Krueger/Cahill bill that would eliminate many of the most egregious tax subsidies and expenditures that New York State currently offers to the fossil fuel industry. If passed, the bill would be a critical move to protect our planet, signaling that our state will no longer prop up the very industry that fuels the climate crisis, and saving over \$330 million every year in taxpayer money. Read more about the bill and campaign [here](#)
6. **On a Campus?** Universities and colleges must be ambitious when it comes to tackling the climate crisis. One of the most important steps is to commit to the Global Climate Letter – find out more [here](#).
7. **Change the Chamber: Lobby for Climate -** Check out the @ChangeUSChamber campaign to hold corporations and the US Chamber accountable to stop obstructing climate solutions and actively lobby for science-based climate legislation – find out more [here](#).
8. **Current NY Environmental Legislation-** A listing of legislation of all environmental topics with a summary and status is available at <https://eany.org/our-work/bill-memos/> . Educate yourself and reach out to get support for the issues important to you.

Tips for the Environment:

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

Confused about Glass Recycling-Check out Recycle Right NY's "[Guide to Glass Recycling](#)". The only glass that should be placed into your recycling bin includes glass bottles and jars. Check with your municipality or private hauler for more information about [your local glass recycling program](#).

Leave the Leaves to Benefit Wildlife- One of the most valuable things you can do to support pollinators and other invertebrates is to provide them with the winter cover they need. Leave the leaves does not mean ignoring them and leaving them where they fell. You can move them to places in your yard where they are out of the way, will not kill your turf, and will still help wildlife. A thin layer of leaves can actually help turf—but too much will kill the grass. Consider raking leaves into areas around trees, or use them as winter mulch for perennials or to cover garden beds. [Read More](#)

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Additional calendars with local events-

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

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

<http://buffalorising.com>

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

<https://boredommd.com/>

Useful Tools:

[Tree Equity Score Tool](#)- tree cover with social and demographic statistics
[Climate Change and Birds Visualizer](#)- examines how birds are faring across regions
[Crop Condition and Soil Moisture Analytics](#) -high-resolution data that can help plan spring planting, track damage
[Climate Change Solution Simulator](#)-En-ROADS is a policy simulator
[BirdCast](#) offers real-time migration maps showing where birds are and in which direction they're going
[Personal Plastics Footprint Calculator](#)- measure your footprint for a week or year
[Climate Change Indicators in the United States](#)

Wildlife Rehabilitator Search- https://www.dec.ny.gov/cfm/xtapps/sls_searches/index.cfm?p=live_rehab
B-WELL Videos-<https://cityofbuffalo.viebit.com/index.php?folder=Be+Well+Buffalo>

Additional local blogs and websites-

Birds on the Niagara- <http://www.birdsontheniagarafrontier.org/>
Buffalo Niagara Gardening - <http://www.buffalo-niagaragardening.com/>
Buffalo Niagara Nature Almanac- <http://bnnatureblog.com/>
Buffalo Issues Alert- <http://groups.yahoo.com/group/BfloIssueAlerts/>
Buffalo Promise Neighborhoods- <http://buffalopromiseneighborhood.org/>
Buffalo Tours- <http://buffalotours.blogspot.com/>
Buffalo Green Fund-<http://www.buffalogreenfund.org/>
Canning Tips for Food Preservation- <http://www.motherearthnews.com>
Campaign for Buffalo History, Architecture and Culture- <http://greaterbuffalo.blogs.com/>
Chirps and Cheeps Bird Blog- <http://www.chirpsandcheeps.com/>
Dept. Environmental Conservation Calendar- <http://www.dec.ny.gov/calendar/>
DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>
Edible Buffalo- <http://ediblebuffalo.wordpress.com/>
Erie Cattaraugus Rail Trail- <http://www.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.huntfishnyoutdoors.com/events.php>
Citizen Science Opportunities- [listing](#)

County/New York State Resources

Erie County GIS Mapping- <http://gis2.erie.gov/HTML5/ErieCountyNY/>
Geographic Information Gateway <http://opdgig.dos.ny.gov/#/home>
[NY Greenways interactive map](#)

Green Jobs, Internships and Opportunities

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

Youth Summer/Holiday Camps/Home School Series

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

Grant Opportunities/Tools

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

Find your farmer <https://www.facebook.com/groups/893902477748081/>
[Erie Grown website](#)

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

Backyard Bounty-podcasts on homesteading, beekeeping etc. <https://heritageacresmarket.com/backyard-bounty-podcast/>
Becker Farms- <http://www.beckerfarms.com/csa>
Brewster Street Farm- <https://www.jersbuffalo.org/brewster-street-farm>
Buffalo Organics/Foodscaping Project-<http://www.buffalofoodscaping.com/>
Canticle Farms-<http://www.canticlefarm.org>
Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>
Cool Greens Vertical Farm- <https://www.facebook.com/Cool-Greens-Vertical-Farms-2261876070712461/>
Crown Hill Farms-<https://www.crownhillfarm.com/>
Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>
Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>
Falkimmer Farms- <https://www.facebook.com/FalkimmerFarms/>
Farmer Pirates-<http://www.farmerpirates.com/>
Farmers and Artisans- <http://farmersandartisans.com>
Farmthisway CSA - <http://www.farmthisway.com/>
Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- <http://www.firstlightfarmer.com/>
Five Loaves Farm- <https://5loavesfarm.org/>
Fleckenstein Farms-<https://www.fleckensteinfarms.com/>
Free Fallen Fruit Rescue-<https://www.facebook.com/freefallenfruitrescue>
Fresh Fix -<https://www.freshfix.com/>

Goodman Farms- <https://goodmanfarms.net/>
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Greater Buffalo Urban Growers-<https://www.facebook.com/greaterbuffalourbangrowers/>
Green Heron Growers- <http://www.greenherongrowers.com/>
Gregs U-Pick- <http://gregsupick.com/>
Groundwork Market Garden- <http://www.groundworkmg.com>
Happy Shacks Oils-free seed library <https://happyshackoils.com/>
Healthy Living Farm- <https://www.healthylivingfarm.com>
Kindred Kreek Farms- <https://www.kindredkreek.com/>
Kubed Root-<http://www.kubedroot.com/>
Little Bear Farm- <http://www.littlebearfarm.harvesthand.com/>
Little Woods Farm-<https://www.littlewoodsfarmalden.com/>
McCollum Orchards- <http://mccollumorchards.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <https://platodalefarm.com/>
Porter Farms- <http://www.porterfarms.org/>
Produce Peddlers-<https://producepeddlers.com/>
The Promised Land- <http://promisedlandcsa.com/>
Providence Creek Farm- <http://www.providencecreekfarm.com/>
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
Rust Belt Harvest- <http://rustbeltharvest.org/>
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Utley Acres- <http://utleyacres.com/>
Westside Tilth Farm- <http://westsidetilth.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>
Local Meats- <http://meatsuite.com/>
NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>
WNY Food Hub for Farmers-<https://www.edenvalleygrowers.com/wny-foodhub>
Erie County Grown- www.erie.gov/eriegrown

Local Businesses with Classes and Workshops

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

Local Tourism promoting Sustainability

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

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

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>
Books- www.booksforafrica.org, www.operationpaperback.org

Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
Cars- <http://www.donateacar.com/>
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>, <https://www.decluttr.com>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore
Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>, <http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz>
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club <http://donateglasses.net/search.html> for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)
Furniture-Goodwill, Salvation Army, Amvets and other charities
Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>
Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>
Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>
Hazardous Household materials- <http://www.hazmanusa.com/>
Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,
Ink cartridges-RecyclePlace.com and most manufacturers
Mattresses- <http://triadrecycle.com/mattress/> Hazman, Buffalo ReUse ReSource
Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf
Needles, Syringes etc.- <http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access>
Packaging Materials (bubble wrap, peanuts)-UPS Store
Pharmaceuticals-dropoff sites at [map](#)
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448
Recycling A to Z - realsimple
Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com
Sports equipment-resell/trade at www.playitagainsports.com
Styrofoam- Thermal Foams, Inc. fors clean, white Styrofoam at 2101 Kenmore Ave., 14207. Call first at (716) 874-6474.
Tennis balls- <http://www.rebounces.com/recycle/>
Toys, plastic- http://dmpgreen.com/mail_in.html
Uses and reuses for many items- <http://www.world.org/weo/recycle>
Water filters-Brita partners with preserveproducts.com/recycling
Wetsuits- <https://www.sugamats.com/recycling/>, <https://www.greengurugear.com/pages/recycling-to-upcycle-program>

Eco-volunteering with Travel:

<http://www.planetfriendly.net/learn.html>
<http://www.globalteer.org>
<http://www.ecovolunteer.org/>
<http://www.goeco.org/>
<http://www.woof.org/>
<http://www.americanhiking.org/>

Education Courses, Resources or Certificates:

Energy University Website with Schneider Electric- [Courses](#) are free
Green Classroom Professional Certificate- Online courses, info [here](#)
Solar Energy Training- <http://www.solarenergy.org/training-schedule/>
Coursera- www.coursera.org
[Green Education Foundation](#)
[Facing the Future](#)
[Cloud Institute for Sustainable Education](#)
[Sustainable Futures Institute](#)
[Nature Generation.](#)
[The Center for Ecoliteracy](#)
[Hamline's Center for Global Environmental Education \(CGEE\)](#)
[The National Science Teachers Association Learning Centers](#)
[The US Partnership for Education for Sustainable Development](#)
[Basics of Organic Farming](#) is a self-directed online course for beginning orchard and vegetable-crop farmers
[Our Farms, Our Future](#) podcast series

On Demand Webinars:

[Extended Producer Responsibility](#) (other videos on same youtube channel).
[Plan-It GEO](#)
<https://www.ceres.org/events/ceres-climate-week-nyc-2020>- CERES from NYC program in Climate Week
EarthEcho [Youtube channel](#) Water Challenge [playlist](#).
STEMExplore Virtual Career Connections [Virtual Events](#) page

Miscellaneous tools including videos and websites:

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

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

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

Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	https://www.buffaloinbloom.com/
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	https://buffalo-orienteeing.org/
Buffalo Ornithological Society	https://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Buffalo Women of Env. Learning/Leadership (BWell)	https://www.bwell.community/
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
Clarence Bluebird Trail	https://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.finwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/

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

Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylev.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://rocctbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/
Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	www.facebook.com/South-Bufferalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/

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

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