Enviro-News

December, 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:

Free Electronics Recycling-Last Event of 2021

Do you have old electronics and have been waiting for a drop-off event. Register for the free **December 4** event in Cheektowaga with Sunnking e-Recycling. Time slots from 8:30am to noon may be available. Drop-off is at the Cheektowaga Central High, but reservations are required.

Funding Basics for Great Lakes Communities: National Coastal Resilience Fund and Beyond

Ready to make your proposals more competitive? In this **December 7** webinar, you will learn how to craft more competitive grant applications and increase the success rate of your submissions. You will learn about the steps you may need to take before you even start writing, including how to identify priority projects, determine suitable funding sources, and avoid common pitfalls. **Register Here** for the 1 to 2:30pm session. Presenters including NYSDEC will apply key tips to various funding opportunities, including the National Fish and Wildlife Foundation's (NFWF) National Coastal Resilience Fund (NCRF). NCRF invests in projects that will create, expand, and restore natural systems in areas that will (1) increase protection for communities from coastal storms, sea- and lake-level changes, inundation, and coastal erosion and (2) improve valuable habitats for fish and wildlife species.For additional information about NFWF's NCRF Program, please visit: https://www.nfwf.org/programs/national-coastal-resilience-fund

Green Drinkers!

We will be meeting again in person on **Thursday December 9th** at Community Beer Works, 520 7th St, Buffalo, NY 14201. The event is also listed on Facebook (https://www.facebook.com/events/621949812551350) or on the Green Drinks webpage (http://www.greendrinks.org/NY/Buffalo). Feel free to share it with anyone you think might be interested!

Reminder: Cutoff Date for Fertilizing Lawns is December 1

Remember that it is against New York State law to fertilize lawns between December 1 and April 1. Some areas also have local laws about selling and using lawn fertilizers. Visit DEC's Lawn Fertilizer webpage for more information and choose lawn fertilizers without phosphorus to reduce possibility of runoff and algal blooms in lakes and ponds. The law **does not** apply to agricultural fertilizer or fertilizer for gardens.

How can Universal Design be used in my next project?

One Region Forward is hosting a session on **December 9** at 10am to educate the community on Universal Design. Learn what you need to know and the tools you need to increase equity in design for underrepresented groups. The IDEA Center will lead this event and share how they are committed to creating and implementing inclusive design policies, practices, environments, and products. REGISTER TODAY!

Becoming an Outdoors Woman Lottery Registration Opens

Becoming an Outdoors Woman (BOW) will hold its weekend February 4-6 at Allegany State Park. Lottery registration will be online from **December 7-14**. Cost ($295) covers two nights lodging and meals. For more info on activities and registration, visit https://www.dec.ny.gov/education/68.html.

WNY Soil Health Annual Meeting

The WNY Soil Health Workshop & Annual Meeting will be held **Wednesday December 15** at the Quality Inn & Suites, 8250 Park Rd., Batavia, NY 14020 from 8:30-3:30. Steve Groff the cover crop coach will be talking about managing biological amendments and sap analysis to maximize crop potential, he will also be presenting on using cover crops and planting green to fight resistant weeds! Aaron Ristow(American Farmland Trust) and Dave Degolyer(WNYCMA) will be presenting on Planting Green in Cover Crops: they will discuss results form field demonstration plots. The workshop will end with a farmer panel discussing real world results of using biological amendments.**Please Register by: Dec. 8, 2021**. Click HERE for the registration form. You may also register by sending your name and number of attendees to wnysoilhealth@gmail.com and pay at the door.

Tree City USA Applications

The Tree City USA application portal is open for communities to submit their application to be a 2021 Tree City on the Arbor Day website. Communities must maintain a tree board or department, have a community tree ordinance, spend at least $2 per capita on urban forestry and celebrate Arbor Day at some point during the year. Is your community interested in becoming a Tree City? You can work with your regional forestry staff to qualify - find a DEC forester near you. The NYS Urban Forestry Council will be offering $1,000 Quick Start grants to municipalities in 2022. The funds are for communities that intend to become a Tree City, but lack any of the components of the Tree City USA program. Details on Council's site. The deadline is **December 31**.

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.

Christmas Bird Counts

Interested in joining a tradition of recording bird numbers? Annual Christmas bird counts have been done in many locations since 1900. The data helps us understand patterns in bird populations by generating a long-term record. Beginners to advanced are welcome to participate. For a listing of Western New York counts with contact individuals, visit https://www.buffaloornithologicalsociety.org/Counts/CBCs.aspx

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**

Erie County Management Council 2021 State of the Environment Report

Each year, the Erie County Management Council (ECMC) prepares an environmental report that includes recommendations for actions by the county legislators. The ECMC is an advisory council of volunteers representing municipalities or with at-large appointments. This year's report with recommendations can be viewed here.

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. Educational materials that provide information about New York State's foam ban are now available. Materials include a flyer and rack card summarizing the requirements of law and a social media toolkit with graphics.

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.

Business Guidance Now Available to Comply with NYS Food Donation and Scraps Recycling Law

DEC has developed guidance for businesses and institutions required to comply with the NYS Food Donation and Food Scraps Recycling Law. The guidance outlines regulations, best practices and resources when developing food waste reduction, food donation and food scraps recycling programs. Effective **Jan. 1, 2022**, businesses and institutions that generate an annual average of two or more tons of wasted food per week must donate excess edible food to the maximum extent practicable and recycle all remaining food scraps if they are located within 25 miles of an organics recycler with capacity (e.g. composting facility, anaerobic digester, etc.). For more information on the Food Donation & Food Scraps Recycling law: https://www.dec.ny.gov/chemical/114499.html. The guide is available here.

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).

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.

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.

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.

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 is available 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).

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.

Science Museum Collection Through the Eyes of an Artist

The Buffalo Museum of Science and renowned artist Alberto Rey invite you to examine a special selection of fifteen items from our vast collection and, through his paintings, look beyond the scale, label, or fragment, to appreciate the lost beauty within. The exhibit, "Lost Beauty II: The Art of Museum Stories, is open through December 31. The exhibit is free to museum members and included with general admission. More info here.

Make Our Enclosure a Reality so We Can Help More Wildlife

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

Erie County 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.

Alaskan Adventure with EarthSpirit Education

Join experienced Alaskan trip leaders on our inaugural Alaskan Adventure from **May 13-22, 2022!** Spend days traveling and exploring a wide variety of unique environments from the mountains of Denali National Park to the rainforest at Valdez, the Matanuska glacier, and the shore at Seward. Spend nights in cozy cabins, sharing meals, and getting to know your fellow travelers and local haunts. The experience will be focused on providing a general ecological overview of southern Alaska and will include many wildlife viewing/photographic opportunities as well as short day hikes and other experiences in the wilderness areas. If you've never been to Alaska, or previous trips were devoid of these experiences, this trip will not disappoint! For more info, visit here.

Nourish New York

The Nourish New York initiative reroutes New York's surplus agricultural products to the populations who need them most through the state's food banks. The program also provides much-needed support for the food producers and farmers who have lost markets as a result of the COVID-19 pandemic because the state's food banks are buying agricultural products from New York farmers and food processors. Nourish NY food purchases have positively impacted 4,178 businesses across the state. Learn more.

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.

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. 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, 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.

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.

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.

Community Videos-Get Inspired

From the outset, East Side Avenues committed to elevating the voices of the community. The best way to hear about a program is directly from participants. Enjoy the participants' stories to promote their visions and inspire others at https://eastsideavenues.org/stories-videos/.

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!**

NYS Birding Trail Coming to a Site Near You

Have you heard about the new Birding Trail? DEC launched the New York State Birding Trail last month to highlight birding opportunities across the state. The trail provides information on places anyone can go to find birds in public spaces across the state. New York City is the first region to be announced, with future announcements coming soon!

Focus on Forest and Wood Products as Natural Solution to Address Climate Change

View a recorded webinar discussing how managing forests and using wood products can offer solutions to addressing climate change.

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.

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.

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!

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

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.

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

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.

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.

Farm Energy Audits

NYSERDA offers free energy audits to identify energy efficiency measures for eligible farms and on-farm producers, including but not limited to: dairies, orchards, greenhouses, vegetables, vineyards, grain dryers, and poultry/egg. In addition, greenhouse facilities can receive a free benchmarking report that describes their energy use intensity and benchmarks their facility against an anonymous aggregate of peer facilities. Farms must be customers of a New York State investor-owned utility and contribute to the System Benefits Charge (SBC). Please check your current electricity bills. Farms can request an energy audit or a greenhouse benchmark report through the Agriculture Energy Audit Program. NYSERDA will assign a Flexible Technical Assistance (FlexTech) Consultant to perform an energy audit or a benchmark report. For a Summary of Revisions, Additional Details and Associated Documents and How to Apply Visit: PON 3846 Solicitation Detail Page

Geocaching: Have Fun and Make a Difference

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

Heirloom Seed Saving

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

Recycle Right Website

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.

Design a Planet from Scratch: Board Game

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

Teacher's and Home-Schooling Resources

Correo Real "Royal Mail" citizen science project for Monarchs. The site is in Spanish and English, for bilingual learning, and links to wonderful resources in the US and in Mexico. They also have a Spanish only educator guide (PDF) full of activities. Also a related video and the activity from the Correo Real Educator guide called *Hijas del Sol*.

Enviro-Time Storytime: Recommended Environmental Reading Lists for Children Pre K-12, 2nd Edition (PDF) connects readers and read-aloud listeners to the Great Lakes' and global environments, highlighting diversity in the coastal sciences, books by and about Indigenous North Americans, environmental activism, sustainability, sturgeon conservation, and Great Lakes stewardship.

OPEN SOURCE BOOK: Curriculum and Learning for Climate Action- to effectively achieve Target 4.7 of the UN Sustainable Development Goals (SDGs), Universal Education for Sustainable Development (ESD), and Global Citizenship Education (GCED).

FreshFarm Curriculum- for pre-K through 5th grade. Free lessons that have been sequenced according to seasonal topics and adaptable for a range of uses from embedded programming, to supplementing classroom education, to garden-based learning.

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.

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

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

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**.

Telling the Full Story Preservation Fund-The National Trust for Historic Preservation's Telling the Full History Preservation Fund is a one-time grant program to interpret and preserve historic places of importance to underrepresented communities across the United States. Grants from this program will be awarded at **$25,000** and **$50,000** levels through an open and competitive application process. Deadline: **December 15**.

Community Food Projects Competitive Grants Program-National Institute of Food and Agriculture (NIFA)'s Community Food Projects (CFP) is funding two grants: (1) Community Food Projects (CFP) and (2) Planning Projects (PP). CFP supports the development of projects with a one-time infusion of federal dollars to make such projects self-sustaining. The purpose of the PP is to complete a plan towards the improvement of community food security. Deadline: **December 20.**

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**.

Farm to School Grant Program-USDA awards grants that support planning, developing, and implementing farm to school programs. Schools and school districts, agricultural producers, and nonprofits are among those eligible to apply for a total of $12 million in funding. Deadline: **January 10**.

GLFC Fishery Research and Sea Lamprey Research Funding -The Great Lakes Fishery Commission is now accepting pre-proposals. Deadline: **January 15, 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. **Full deadline: Jan. 19**

Fund-a-Farmer Grants from FACT Available for Livestock & Poultry Farmers-Grants of up to $3,000 are available for livestock and poultry farmers to improve and expand pasture for their animals, as well as those who are seeking or who already hold one of three animal welfare certifications. Deadline: **January 20.**

2022 NOAA Coastal Management and Digital Coast Fellowship- provide on-the-job education and training opportunities in coastal resource management and policy for postgraduate students and to provide project assistance to state coastal zone management agencies and other key NOAA partners. Two-year fellowship begins on August 1, 2022. Deadline: **January 21, 2022.**

2022 NMFS-Sea Grant Fellowship in Population and Ecosystem Dynamics and Marine Resource Economics
Sea Grant and NMFS have partnered to train students through this joint fellowship program in two specialized areas: population and ecosystem dynamics as well as marine resource economics. Population and ecosystem dynamics involve the study of fish populations and marine ecosystems to better assess fishery stock conditions and dynamics. Deadline: **January 27, 2022.**

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.**

Ryan Exline Memorial Scholarship-Jamestown Audubon Community Nature Center education staff are joined by guests and raise money through a day long Birdathon. The $500 scholarship raised through Birdathon is awarded to an area college-bound high school senior or college student who intends to pursue a Bachelor's degree in an environmental or related field. Application Deadline: **March 18.**

Earth Day Grants-Air and Waste Management Association-Niagara Frontier will again be awarding one or more grants worth up to $500 each in honor of Earth Day 2022. The program promotes environmental awareness through creative and impactful educational activities and community engagement efforts. Deadline: **March 31.**

Air and Waste Management Association-Niagara Frontier College Scholarship- Full-time undergraduate students attending a college or university located within the New York State counties of Allegany, Cattaraugus, Chautauqua, Erie, Niagara or Wyoming during the 2021 - 2022 academic year are eligible. Deadline: **April 8.**

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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 community challenge created by the COVID-19 pandemic? 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.**

H20 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).

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

LISC Americorps Positions- Help WNY non-profits improve housing, health equity, food access and more. Contact Kate Rebhan at krebhan@lisc.org for details. Earn a salary, education benefit and free health and child care.

Assistant Programs Officer- LISC, Buffalo.

Buffalo Zoo Ambassador Animal Care Specialist Team Leader-Full time. Deadline: **December 3, 2021.**

Extension Support Specialist II- Aquatic Invasive Species Coordinator Biological-Environmental Eng./NYS Water Resources Institute- Cornell University, Region 9 DEC. Deadline: **12/8/21.**

Winter – Spring Seasonal Nature Educator-Jamestown Audubon, will teach classroom nature programs and outdoor informal programs in Chautauqua County in New York and Warren County in Pennsylvania. This position is for 24 hours per week from mid-January through mid-May, 2022. Deadline: **December 15.**

Town and Village Planner, Ellicottville, NY-The Town of Ellicottville, Cattaraugus County, New York is seeking to hire a senior-level municipal planner for both the Town and Village of Ellicottville. Deadline: **December 17, 2021.**

Natural Resources Technician-Niagara County Soil and Water. **Applications accepted until filled.**

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.**

EFNEP Part-time Educator-CCE of Chautauqua County will be seeking an educator for the Expanded Food & Nutrition Education Program to deliver nutrition education to improve healthy food and lifestyle choices among limited resource families. Bi-lingual preferred. Part-time position $15-$17/hour. Associates degree and ability to meet travel requirements required. Experience in human services desired. Applications will be accepted **starting** January 3, 2022. Contact Kimberly at wsbn-recruiter@cornell.edu with questions.

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.

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.

Educational Farm Associate-part-time Erie County SPCA.

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

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

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

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

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

ASHA Animal Sanctuary Internships- Seeking individuals for administrative, development, visitor programs and animal care positions.

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

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

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

Citizen Science

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

Global Earth Challenge-Collecting data from multiple citizen science projects. See how you can be involved.

Hemlock and HWA Hunters-volunteers locate hemlock stands and hemlock woolly adelgid in NY. To join our project please send us an email at cm933@cornell.edu orinfo@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:

Wednesday, December 1

Geology Collections- 11am to 2pm. 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

GBNRTC Planning and Coordinating Committee (PCC) Meeting-9:30AM. Please note that the GBNRTC PCC meeting will be broadcast live for public viewing on GBNRTC's Facebook Page facebook.com/GBNRTC. You may watch the live stream at this link, whether or not you have a Facebook account. However, in order to leave a comment on the Facebook Live video, you will need a Facebook account. You can also send any questions or comments to staff@gbnrtc.org.

Using Health Impact Assessments to Engage Communities and Prioritize Action-Smart Growth Online Webinar at 2:00 p.m. EST. Register for this Webinar

Conversations in Science- Join us on Zoom from 6 to 7pm! Our Science Museum Geology Collections team are eager to share their passion for education and serving as a resource for identifying the rocks around us. Hear from staff and volunteers about their experiences in BSNS Geology and how they work to support public information and academic projects in our community. Check out close-up views of specimens from our Collections that aren't usually on display. To submit questions in advance, email ggraham@sciencebuff.org. Cost: Free! Register in advance for Zoom link.

Unfrack NY Homes and Buildings-6pm – 7pm, virtually on Zoom RSVP here for the Zoom link Sierra Club Atlantic Chapter is part of Renewable Heat Now (RHN) and is working to electrify our homes and buildings. The Renewable Heat Now Campaign is organizing to win funding, legislation and policies that will get fossil fuels out of our buildings affordably and equitably. Join us to hear about the RHN legislative and policy package that Governor Hochul and the New York Legislature must pass in 2022. If you missed the Town Hall in November, here is another opportunity to learn how you can get involved in the movement for renewable heat. **Join us to learn how we will organize and build our power to win!**

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.

Community Conversations at Buffalo Niagara Heritage Village: Farm Animals-6 to 8pm. Join BNHV as we discuss topics relevant in today's agricultural and rural world! Our program features a lecture followed by a guided discussion of a topic related to agricultural and rural life today. Share your stories, learn from others, and get to know your community! Beverages available for purchase. Light refreshments provided. All participants must show photo identification to purchase alcohol. ***Cost*** $5 per adult, Members FREE. Tickets.

Virtual Program: Heat Pump Basics-Noon. If you currently heat with electricity, propane, or oil, a heat pump can save you money! Heat pumps are an energy-efficient, fossil fuel-free system that can heat AND cool your home. Get your questions answered at this session. Presented by PUSH Buffalo. Reinstein Woods Nature Preserve. Registration required; register online at www.reinsteinwoods.org/events.

Cities for Life: How Communities Can Recover from Trauma and Rebuild for Health- Join the Smart Growth Network at 1 p.m. as Jason Corburn, professor of urban planning and public health at UC Berkeley, draws from a decade of work with communities in California, Kenya, and Columbia, to share ideas on how to help communities heal from trauma—from gun violence, housing, food insecurity, and poverty, and rebuild their social institutions, practices, and policies to be more focused on public health. For More Information and to Register

NYSDEC Climate Justice Working Group Meeting-, established under the Climate Leadership and Community Protection Act (CLCPA) will hold an informational meeting at 10am. The Climate Justice Working Group is tasked with establishing criteria for identifying disadvantaged communities for the purposes of co-pollutant reductions, greenhouse gas emissions reductions, regulatory impact statements, and the allocation of investments pursuant to the CLCPA. Link to meeting.

DEC Virtual Public Meeting on Lake Ontario-6pm. To answer questions on posted videos at www.dec.ny.gov/fs/programs/press/LakeOntarioFisheries/. Link for meeting.

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.

Birds and Brews- 5:30-8PM at Pearl Street Brewery, 76 Pearl Street, Buffalo, NY 14202. Head down to Pearl St Grill & Brewery for a Holiday evening of Birds and Brews, A Bird Photography Silent Auction, 50/50 raffle, and more! No registration required. Drop-in! This event will take place downstairs at Brawler's Deli. Join us for some holiday cheer! Must be 21 years of age or older to attend.

Partnership for the Public Good Presentation-10:30am to noon. Learn about 12 proposed laws, policies, or initiatives that can make a real difference in this presentation by PPG Senior Policy Fellow Sam Magavern and a team of twelve UB law students. Topics include criminal justice, housing, lending, living wages, language access, and climate justice. This virtual event is free and open to the public. Register for the free webinar.

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 >

Snowshoe-Or-Not Winter Walk-10am. Enjoy a guided snowshoe walk—if there's snow! No snow? We'll search for signs of wildlife that stay here for the winter. $10/person, $7 for Friends members. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Woods Walk: Searching for Sasquatch-11am. Join a hunt for animal signs and clues. If we're lucky, we may see the elusive eastern Bigfoot! No registration required.

Sunday, December 5

Everyday Wintertime Fun at Canalside-Partake in a variety of Wintertime family fun events at the Ice at Canalside presented by Highmark Blue Cross Blue Shield of WNY.

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

Tuesday, December 7

LEED Residential in our Region- 10:30 am to noon. Link to session. FREE

Crafting Competitive Proposals for the National Coastal Resilience Fund and Beyond-1:00PM- 2:30PM. Register Here. From identifying funding opportunities to clicking "submit," navigating the grant process can be challenging. In this webinar, you will learn how to craft more competitive grant applications and increase the success rate of your submissions. Presenters including NYSDEC will apply key tips to various funding opportunities, including the National Fish and Wildlife Foundation's (NFWF) National Coastal Resilience Fund (NCRF). NCRF invests in projects that will create, expand, and restore natural systems in areas that will (1) increase protection for communities from coastal storms, sea- and lake-level changes, inundation, and coastal erosion and (2) improve valuable habitats for fish and wildlife species. For additional information about NFWF's NCRF Program, please visit: https://www.nfwf.org/programs/national-coastal-resilience-fund

Great Lakes' Western Lake Ontario, Lake Erie Erosion Virtual Assistance Workshops-1:00PM to 4:00PM: Register Here . Water, wind, waves, and time, even the gentle lapping of Lake Erie or Lake Ontario, erodes the Great Lakes shoreline. To mitigate the impact of shoreline erosion, New York Sea Grant (NYSG) is inviting waterfront property owners to participate in online workshops on December 7 and December 9, 2021, from 1:00pm to 4:00pm. The virtual workshop on December 7th will focus on the Western Lake Ontario shoreline areas of Niagara and Orleans counties. The action and impact of Lake Erie on properties in Erie and Chautauqua counties will be featured in the December 9, 2021. Learn more about the workshops.

NYS SWANA Technical Webinar: Past, Present & Future Solid Waste Challenges- Virtual, 12:30 to 5pm with various presentations throughout. 12:30 - 1 PM. Register and info. Free.

"IMAGINE Lifelong Learning Lecture Series"-12:30 P.M. – 1:00 P.M. Schedule of speakers and Zoom link No registration needed.

Wednesday, December 8

21st Century Schools: Cleaner and Greener- School district staff, stakeholders, and design professionals will engage in a 3-part educational series and hands-on virtual work session to lay the foundation to kickstart their own roadmaps to full decarbonization by mid-century. This virtual offering is sponsored by NYSERDA and enVerid, in tandem with the Getting to Zero Forum. 12 to 1:30pm. Register.

I Bird NY-10:00 AM - 12:00 PM at Beaver Island Nature Center. Our parks offer incredible birding opportunities for all ages. Join us each season as we explore a different park and learn about local birds. This is an excellent walk to brush-up on bird I.D for the Christmas Bird Counts! For information and registration call (716) 549-1050.

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

Geology Collections- 11am to 2pm. Hear from staff and volunteers at the Buffalo Science Museum. Free and open to all ages. Register at www.sciencebuff.org.

"Green the Grid and Electrify Everything"-6:30pm via zoom. Presented by: Andrew Pezzullo, Clean Power Fellow with New Yorkers for Clean Power. What will it take to transition NY's economy to renewables? What is needed for NY's electric grid to be powered with renewable sources? How do we decarbonize our buildings and transportation so they are running off that renewable electricity? Join us to find out.

Thursday, December 9

Green Drinks- 5:30pm at Community Beer Works, 520 7th St, Buffalo, NY 14201. 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!

Virtual Program: Planning for a Fossil Fuel-Free Home- 6pm. Learn what to consider when planning climate-positive changes that remove fossil fuels from your home. Renewable and clean energy options, insulation, and more will be discussed. Presented by PUSH Buffalo. Reinstein Woods Nature Preserve. Registration required; register online at www.reinsteinwoods.org/events.

How can Universal Design be used in my next project?-One Region Forward is hosting a session at 10am to educate the community on Universal Design. Learn what you need to know and the tools you need to increase equity in design for underrepresented groups. The IDEA Center will lead this event and share how they are committed to creating and implementing inclusive design policies, practices, environments, and products. REGISTER TODAY!

Great Lakes' Western Lake Ontario, Lake Erie Erosion Virtual Assistance Workshops-1:00PM to 4:00PM: Register Here . Water, wind, waves, and time, even the gentle lapping of Lake Erie or Lake Ontario, erodes the Great Lakes shoreline. To mitigate the impact of shoreline erosion, New York Sea Grant (NYSG) is inviting waterfront property owners to participate in online on action and impact of Lake Erie on properties in Erie and Chautauqua counties. Learn more about the workshops.

Succulent Topiary Demo- 6:30 to 7:30 p.m. at Buffalo & Erie County Botanical Gardens. The fee is $10 for the public and $9 for members. Be inspired and learn how to craft a living succulent arrangement in this online demonstration. Succulents are desert plants that are easy to care for. Learn all about these beautiful and unique plants and living topiary design techniques with Kristy Schmitt, Director of Education (and succulent lover). Demo is about an hour long with time for questions. All adult classes and workshops are recorded and are available for four weeks after the class. Therefore, if you miss a class, you will have four weeks to catch up on the class at your convenience. Review class information and procedures for more information. Register here.

'Native Plants, Phytoremediation & Green Infrastructure: How Native Plants Can Be Used to Improve Environmental Quality'- Webinar at 7 p.m. ET. Free, open to public. Register. Sponsored by Wild Ones.

GBNRTC Virtual Public Meeting for Region Central- 6:00 PM. The purpose of the meeting is to get your feedback on the planning framework within which the mobility options in Region Central will be developed and evaluated. The material presented will represent opportunities and outcomes to enhance economic opportunity, equity, livability and sustainability in Region Central that will help inform the mobility plan recommendations in the corridor. Please register in advance.

Vision for America 2021 Online Event-7 to 8 p.m. EDT. It's a virtual event, streamed live online, and free to attend. "Celebrating Community." We want you to get to know about Keep America Beautiful and our over 700 affiliates. During the event, Keep America Beautiful will honor a corporate executive for their vision and leadership, share a Keep America Beautiful Affiliate Award, and launch an inaugural Vision for America Social Impact Influencer of the Year award – taking the conversation directly to the people. The reimagined Vision for America launches our visionary 5-year plan to host the largest community celebration in America. Register.

Meeting of the Western NY Forest Pest Taskforce (WEABTF) – Virtual from 9 to 10:30am. Register via: https://cornell.zoom.us/j/94565593469?pwd=ZTVKSnhqZnJTT3lhK1V1dEltMCt5Zz09

Friday, December 10

Art Party: Science after Hours- Ages 21+ | $20 at the Buffalo Museum of Science. Enjoy an adult night out with special activities surrounding our fall exhibit, Lost Beauty II: The Art of Museum Stories. Meet the artist behind the exhibit, create your own take-home masterpiece and explore the Museum at this event series tailored exclusively for adults ages 21+. *10% discount available for members!* Purchase tickets here >>

Buffalo Astronomical Association Meeting-7:30pm at Buffalo State College. Info.

Saturday, December 11

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: Water Gardens.

Hot Chocolate Hike-6 to 7:30pm at Tifft Nature Preserve. All ages. $7 per person. Register at www.tifft.org

Buckhorn Island Birding – 9AM to 12PM Join us for a walk along the Niagara River at Buckhorn Island State Park. Gulls, Ducks, Geese, and Swans are all starting to arrive for the winter in the Niagara River, forming one of the biggest congregations of wildlife in the world! Learn about why our region is so important to their survival. Meet at the Woods Creek Kayak Launch Lot. Donations. Register.

Evangola Christmas Bird Count-10am to noon at Evangola State Park. Join us for our annual Evangola Christmas Bird count! We will be birding as a group and both veteran and beginner birders are invited to join. **For information and registration call (716) 549-1050**

Jingle Falls Walk- 11am to noon OR 1 to 2pm. Join a park naturalist and discover Niagara Falls State Park as it starts its transition into a wonderous winter wonderland. **For information and registration call (716) 282-5154.**

Birding 201-9am. This program is for more experienced birders who have previously attended our Birding 101 programs. Learn about Western New York's winter birds and how they survive the tough weather conditions on a guided walk. Bring binoculars if you have them. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Forest Bathing Walk-2 to 4pm at Beaver Meadow Audubon Center. As with any activity that benefits health and wellness, Forest Bathing is a practice that when done regularly, can become a way of life that reflects a new or perhaps more dynamic sense of being. Forest Bathing is sensory awareness in nature, and when practiced with other human and other-than-human beings, is an observance of how we engage with our world.
These programs are open to people ages 14+. Minors must be accompanied by a registered adult. $10 BAS Members. $12 Non-members. Register.

Sunday, December 12

Snow Roll Buffalo-3pm @ Caribbean Experience. https://www.facebook.com/groups/slowrollbuffalo/

Monday, December 13

Wish Upon a Shooting Star- 9 to 11pm at Fort Niagara State Park. Winter stargazing during the biggest meteor show of the year, the Geminids. On a cool and crisp night catch a glimpse of this wonder, and gaze at the stars above. For information and registration call (716) 282-5154.

Tuesday, December 14

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

A Review of the Forest Carbon Market Assessment and Planning Tool-Noon and 7pm Webinars. Landowners can learn how to use a decision-making tool to determine which carbon program fits their individual needs. Register.

Thoughts about Keeping Bees Alive: Sustainable Beekeeping Essentials- 7pm live webinar with Dr. Larry Connor. Free but register. For beekeepers, hobby or professional.

"IMAGINE Lifelong Learning Lecture Series"-12:30 P.M. – 1:00 P.M. Schedule of speakers and Zoom link
No registration needed.

Insect and Disease Disturbances Correlate with Reduced Carbon Sequestration-11am webinar sponsored by the Nature Conservancy's Invasive Species Advisory Committee. Register.

Tree Canopy Data, Now and Why- Webinar at noon. Affordable and accurate accessibility to tree canopy data is easier and more affordable than ever. Join this webinar with the Arbor Day Foundation, PlanIT Geo, and other partners to discuss different types of canopy data available for your city or town and what it can do to further your urban forestry program. **Register.**

Wednesday, December 15

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.* Register at www.sciencebuff.org

Scinight Workshop: Galaxy Art-6:00 PM - 7:30 PM at Buffalo Museum of Science. Learn how the Hubble Space Telescope gives us such vibrant views of deep space as you paint your very own piece of the universe. **Ages:** 18+. **Cost:** $20 per participant (BMS Members save 10%). Register at https://13520.blackbaudhosting.com/13520/SciNight-Galaxy-Art-15Dec2021

WNY Soil Health Alliance Workshop & Annual Meeting- Quality Inn and Suites, Batavia. https://www.wnysoilhealth.com/events **Please Register by: Dec. 8, 2021.** Pre-Registration : $25 Door Registration: $35. Click HERE for the registration form.

Geology Collections- 11am to 2pm. Hear from staff and volunteers at the Buffalo Science Museum. Free and open to all ages. Register at www.sciencebuff.org.

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.

LEED Residential presence in our region - 10:30 a.m. – 12 p.m. Join the Mid-Atlantic and New England (MANE) region of USGBC for a virtual, interactive session on how promoting a circular economy within our region will promote a better standard of living for all. Learn about trends in the residential sector and how green building professionals can apply LEED certification to single-family and multifamily residential projects. Approved for 1.5 GBCI CEUs and 1.5 AIA LUs. Register →

West Valley Citizen Task Force-tentative meeting at 6:30pm. Check http://westvalleyctf.org/meeting-information/ to register for the meeting.

Thursday, December 16

Almost-Full Moon Walk-6:30pm. Explore Reinstein Woods on this guided walk under the waxing gibbous moon. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Friday, December 17

Everyday Wintertime Fun at Canalside-1 to 10pm. Partake in a variety of Wintertime family fun events at the Ice at Canalside presented by Highmark Blue Cross Blue Shield of WNY.

Saturday, December 18

Hot Chocolate Hike-6 to 7:30pm at Tifft Nature Preserve. All ages. $7 per person. Register at www.tifft.org

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

Beaver Meadow Christmas Bird Count-8am to noon. Beaver Meadow Audubon Center. Register.

Recycled and Reusable Gift Wrap-10am.Create beautiful gift wrap from recycled materials using stamps and embellishments. $5/person, free for Friends members. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Woods Walk: Coping with the Cold-1pm. Join a guided nature walk to learn about how animals and plants survive the winter season. No registration required. Reinstein Woods Nature Preserve.

Snow Roll Buffalo-3pm @ House of Charm. https://www.facebook.com/groups/slowrollbuffalo/

122nd Annual Beaver Meadow Christmas Bird Count – 8AM to 12PM Join us for the longest running community science project in the world! The tradition of the Christmas Bird Count has provided scientists with over 100 years of data on bird populations across North America. We'll kick off the count with coffee and donuts before we get started! Pre-registration is encouraged.

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 >

Jingle Falls Walk- 11am to noon OR 1 to 2pm. Join a park naturalist and discover Niagara Falls State Park as it starts its transition into a wonderous winter wonderland. **For information and registration call (716) 282-5154.**

Sunday, December 19

Knox Farm Christmas Bird Count-10am to noon at Knox Farm State Park. Join us for annual Knox Farm Christmas Bird count! We will be birding as a group and both veteran and beginner birders are invited to join. For information and registration call (716) 549-1050.

Evergreen Envy-1:30 to 3pm at Knox Farm State Park. Come explore nature's Christmas trees as we unravel the mystery of why evergreens stay ever-green. For information and registration call (716) 549-1050.

Tuesday, December 21

Toddler Time: Winter Solstice Tea Party-10-11:30AM Today is the Winter Solstice, which marks and celebrates the rebirth of the sun and beginning of winter. We'll spend some time learning about winter celebrations around the world, take a winter hike, and make some yummy tea and eat some cookies. $8 BAS Members. $10 Non-members. Register.

Wednesday, December 22

Geology Collections- 11am to 2pm. Hear from staff and volunteers at the Buffalo Science Museum. Free and open to all ages. Register at www.sciencebuff.org.

Thursday, December 23

Everyday Wintertime Fun at Canalside-3 to 7pm. Partake in a variety of Wintertime family fun events at the Ice at Canalside presented by Highmark Blue Cross Blue Shield of WNY.

Friday, December 24

Everyday Wintertime Fun at Canalside-1 to 10pm. Partake in a variety of Wintertime family fun events at the Ice at Canalside presented by Highmark Blue Cross Blue Shield of WNY.

Saturday, December 25

Merry Christmas!

Sunday, December 26

Snow Roll Buffalo-11:30am @ Local Kitchen and Bar. https://www.facebook.com/groups/slowrollbuffalo/

Monday, December 27

Everyday Wintertime Fun at Canalside-10am to 10pm. Partake in a variety of Wintertime family fun events at the Ice at Canalside presented by Highmark Blue Cross Blue Shield of WNY.

Tuesday, December 28

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

Wednesday, December 29

Learn to Cross-Country Ski -10am. Learn the basics of cross-country skiing before going on a short, guided ski tour. $15/person, $10 for Friends members. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Geology Collections- 11am to 2pm. Hear from staff and volunteers at the Buffalo Science Museum. Free and open to all ages. Register at www.sciencebuff.org.

Thursday, December 30

Under the Ice-10am. Join us as we explore the winter world of our ponds. Children will participate discover how turtles, frogs, and beavers survive under the ice and explore insects living in pond water. For children in grades K–5. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

Friday, December 31

Last Day Hike-5 to 6:30pm at Woodlawn Beach State Park. Enjoy the final Lake Erie sunset of 2021, as we get ready to welcome the new Year. For information and registration call (716) 549-1050.

Saturday, January 1

First Day Hike-10am. Ring in New Year's Day with a hike led by a DEC Forest Ranger, who will discuss how to prepare for any outdoor adventure. Reinstein Woods Nature Preserve. Registration required; call 716-683-5959.

First Day Hikes- https://www.dec.ny.gov/outdoor/112174.html for locations and times, registration for some.

First Day Hike-9:30 to 11am at Beaver Island Nature Center. Enjoy the crisp air and winter landscape as we wander through the park! For Information and registration call (716) 282-5154.

First Day Hike-10am to noon. Start your New Year off right with an invigorating hike through Knox Farm and visit the parks largest trees! For information and registration call (716) 549-1050.

First Day Hike-2 to 4pm at Fort Niagara State Park. Join us for a tour of the Officer's Club to view the stunning murals and museum displays, followed by a walk to view the War of 1812 Cemetery, the lighthouse, and Old Fort Niagara from the parking lot. (The Fort is Closed on New Year's Day.) For info and registration call (716) 282-5154.

Sunday, January 2

Forest Therapy with Tina-9:30 to 11am at Beaver Island Nature Center. Awaken your senses, be in the present, slow down and reconnect with nature. For Information and registration call (716) 282-5154.

Winter Wonderland-10 to 11am at Artpark State Park. Take a walk where it all began, enjoy crisp air and wintery landscape as we take in the natural and man-made beauty! For Info and registration call (716) 282-5154.

First Weekend Bird Walk-10am to noon at Woodlawn Beach State Park. Start your annual bird list off with a bang as we walk along the trails of Woodlawn Beach State Park! For info and registration call (716) 549-1050.

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 implementation:** Contact your elected officials and encourage them to spend funding on needed infrastructure with climate-friendly solutions.
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. **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.
6. **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.
7. **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:

Skip the Slip- Most receipts are made with thermal paper containing chemical compounds that affect their ability to be made into new products-so they should not be placed in a recycling bin. The best way to dispose of receipts is in the trash, but if you're able to, next time **skip the slip and ask for a digital receipt**.

Greening your Holidays- Many holiday decorations, wrapping paper and cards are not recyclable. Select options that can be recycled or place your gifts in reusable bags. LED holiday lights are readily available now and there are recycling options for old ones. Support local businesses-less shipping and good for the local economy. Take live trees to drop-offs for mulching or use in projects. Simplify and reduce consumption if possible. See more tips.

Know a Deer Hunter with Extra Venison- DEC partners with the Venison Donation Coalition and Feeding New York State to help provide food for those in need. Through a cooperative relationship involving the New York State Department of Health, non-profit organizations like Feeding New York State's regional food banks and deer processors, hunters contribute nearly 40 tons of venison each year to families in need across the state! There are many ways hunters can help feed those less fortunate. If you'd like to learn how you can support these programs or donate venison (whole deer or partial) to help feed local families, visit the Venison Donation Coalition or Feeding New York State.

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@excaliburls.org or visit http://excaliburls.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!

Tifft Nature Preserve also needs volunteers for their programs, communications, fund-raising and other events. 716-825-6397 and tifftreservations@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/cfmx/extapps/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.buffaloaudubon.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.wwoof.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
Promise of Biomimicry
Pollinators under Pressure

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.buffaloaudubon.org
Buffalo Blueway	https://buffaloblueway.com/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/

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

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

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

Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Research Consortium	https://www.esf.edu/glrc/
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenworks WNY	https://www.facebook.com/GreenWorksBN/
Groundwork Buffalo	http://gwbuffalo.org/
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
Hope Rising Together	https://ltlol.com/
Housing Opportunities Made Equal	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://audubonc nc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jssbuffalo.com
Lake Erie Watershed Protection Alliance	http://www.erie.gov/lewpa
Leadership Buffalo	https://www.leadershipbuffalo.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Local Initiatives Support Corporation	https://www.lisc.org/wny/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/

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

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

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

Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21st 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://wnysc.org/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/
Western New York Service Learning Coalition	https://wnyservicelearningcoalition.org
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY Raptor Center	Wnyraptor.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/wp/
West Side Ministries (716 Ministries)	http://www.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	https://buffalowind.wordpress.com/
Working for Downtown	http://www.workingfordowntown.org/
World on your Plate	http://www.worldonyourplate.org/