

Enviro-News

October 2018

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

- Articles- including events, courses, local news, grants, jobs
- Upcoming Activities
- Tips for the Environment, "Going Green" by Lesley Haynes
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

Articles:

World on Your Plate: Food and Sustainable Living Conference

The 15th Annual WOYP Food and Sustainable Living Conference: Focusing on food, nutrition, the environment, farming and politics will be held **October 5 & 6, 2018** at Daemen College. Keynote speakers featured are Sarah van Gelder, cofounder of YES! Magazine, and Jacqueline Patterson, Director of the NAACP Environmental and Climate Justice Program. Tickets include all meals (including a delicious vegetarian lunch with donated organic produce from local growers) and activities. Pre-registered is \$30 or \$10 for Friday only. At the door tickets are \$5 more. Students pre-registered and with id are free. For agenda and registration info, visit worldonyourplate.org.

Youth and Climate Justice Fellowship

Are you a student or know a student who cares about the environment? The [2018/19 Youth and Climate Justice Fellowship](http://www.growwny.org/ycj-fellowship/) is open and applications are accepted until **October 7**. This Fellowship is for youth already working with an organization to meet other youth activists within our region, develop advocacy and leadership skills around issues of climate justice, and strengthen your work within the movement. The fellowship engages and unites youth in leadership and educational opportunities through training, participation in public advocacy events and workshops. Youth working with WNYEA member, partner or affiliate organizations, especially those on the front lines of climate change impacts, are invited to join the program to learn techniques and tools to be successful climate justice leaders within their host organizations, schools, homes and the region more broadly. For more info on the Initiative and for the Fellowship application, visit <http://www.growwny.org/ycj-fellowship/>.

Enchanted Forest at Beaver Meadow

Enjoy an evening walk through the magical woods at Beaver Meadow Audubon Center to meet the animals (portrayed by costumed interpreters) that call Beaver Meadow their home. The annual Enchanted Forest is **October 5, 6 and 7** with time slots of 6pm, 7pm or 8pm on each of the three nights. Fun for the whole family, the Enchanted Forest is an experience you will remember for a lifetime! Crafts, games, basket raffle, donuts, cider and more! Pre-registration and payment is required. Pre-registration is required. No tickets are sold at the door so call in your reservation today. \$9/person or \$8/member with kids 3 and under free. please call us at 585-457-3228

Honey Harvest Festival at Masterson's

The sixth annual Honey Harvest Festival, taking place **October 6th & 7th** at Masterson's Garden Center, 725 Olean Rd., East Aurora. If you've ever wondered how honey goes from the beehive to the bottle, stop in to see how it's done! We'll have demonstrations throughout the weekend, free classes on topics like gardening for bees, getting into beekeeping, health benefits of honey, and more! We have a kids' area set up for the little ones, and for the grown-ups there are mead and beer vendors on hand with samples of their honey brews. [Info](#).

Buffalo Maritime Heritage Festival

On **October 5, 6, and 7th**, the Buffalo Maritime Center will host the 1st Annual Buffalo Maritime Heritage Festival at the historic Col. Ward Pumping Station, 2 Porter Avenue. Outside the Pumping Station, there will be food trucks, a beer tent, antique and classic boats and cars, as well as music and entertainment for the kids like model boat races. Inside the Pumping Station, there will be vendors selling arts and antiques which celebrate our Maritime Heritage. Friday night will be a VIP evening, Saturday and Sunday will be open to the public. There is a registration fee of \$10 to enter the Col. Ward Pumping Station, but all proceeds will directly go to the Buffalo Maritime Center and our educational programming.

Creating Change: How to be an Effective Advocate

Learn how to effectively participate in the public process of environmental review, and create meaningful change in your community. Join Buffalo Niagara Waterkeeper on **Thursday, October 11th** from 6pm-7pm at Parkside Lodge for a free public workshop that will provide you with the tools you need to provide high quality, meaningful input into the projects that affect your community. Every year, many major projects in our community are required to undergo environmental review to ensure they will not have negative impacts on our shared natural resources. A critical component of this process is public input through comments or public hearings. In this workshop, you will learn to navigate the public process, develop effective methods for providing public comment, and hear about public process successes directly from local community groups. [Register](#)

Meet and Greet Rally for Candidates

This November's election will have far reaching consequences. We urge you to meet the people you vote for and take the time to hear what they stand for. In that spirit, on **Friday, October 12th**, 5 to 7pm we're bringing together 7 exciting challengers with good environmental platforms at the **Sierra Niagara Endorsed Challengers Meet&Greet Rally** – UAW Region 9 Hall, 35 George Karl Blvd., #100, [Info](#).

Reimagining the Suburbs

Registration is open for this year's Congress for the New Urbanism (CNU) New York Chapter event, [Reimagining the Suburbs](#), the suburban retrofit themed *CNU New York* Chapter Summit focusing on "new towns" and emerging transit corridors in Amherst. The two-day event is planned for **October 12 and 13** and features speakers and an optional bus tour. Details and registration are available at <https://livablewny.org/2018/09/22/registration-open-cnu-ny-summit-reimagining-suburbs/>.

The Importance of Transit for Meeting Greenhouse Gas Reductions

The quarterly meeting of Citizens for Regional Transit CRT will be held **Thursday, October 18, 2018** from 5:30-7pm at the Central Library, upstairs meeting room, 1 Lafayette Square, Buffalo. The topic "The Importance of Transit for Meeting US Target Greenhouse Gas Reductions and Ongoing Efforts to Meet Those Targets" will be discussed by presenters: Bonnie Lange Lawrence, Deputy Commissioner Erie County Dept. of Environment and Planning; Doug Funke, President, Citizens for Regional Transit; and a representative from the Niagara Frontier Transit Authority (NFTA). The meeting is free and open to all.

"Dare to Repair" Café at Reinstein Woods: Fix it not Throw it

NYSDEC invites local residents to bring broken lamps, furniture, vacuums, and other items needing repair to a free Dare to Repair Café at Reinstein Woods Environmental Education Center on **Saturday, October 20**, from 10 a.m. to 2 p.m. People with experience repairing items, from furniture to clothing to electronics, are asked to volunteer by contacting reinsteinwoods@dec.ny.gov. Volunteer "repair coaches" work alongside attendees to try to fix broken items. Additionally, attendees can bring knives to be sharpened free of charge. Friends of Reinstein Woods will be offering light refreshments for sale while fixers are hard at work. Registration is not required for this free event. Reinstein Woods Nature Preserve is located at 93 Honorine Drive, off of Como Park Boulevard in Cheektowaga. For more information, or to volunteer, contact Reinstein Woods at 716-683-5959, or visit [Reinstein Woods website](#).

Wilderness First Aid Training

Train with Earth Spirit staff members and others in the Earth Spirit community as we further our understanding and renew our certification in Wilderness First Aid. This training course is designed for those who enjoy spending time outdoors in almost any capacity, but caters specifically to those who work in groups or have families. The course will be run by a certified instructor, Russ Crispell, will follow a curriculum established by the [Wilderness Medical Society](#), and was designed by the CDS Outdoor School. It consists of two portions, one online (beginning October 1st), and one eight hour in the "classroom" (**October 21st.**) You must be able to participate in both portions to complete the certification. Cost is \$100. Spots are extremely limited and are available on a first come, first serve basis! Pre-registration is required. [Register on-line](#), or call (716) 941-6267 today!

Wildlife Appreciation and Education Day

Join the Citizen Coalition for Wildlife and Environment, Science Demands Action, and other local organizations for workshops, speakers, and children's activities at Erie Community College North Campus. from 9:30am – 3:30pm on **Saturday, October 27**. Activities include: WildEd Talks, Organizations with Educational Information, Children's Activities and Grassroots Engagement and Climate Change Educator Workshops. Meeting in Kittinger Hall, Lecture Hall K-100. For more info and agenda, visit <https://www.facebook.com/ccweinfo/>

Special E-waste Collection Event by Reservation Only

Erie County is offering a special electronics waste collection at ECC South on **Saturday, October 27**. A new system with **REQUIRED** reserved times is being introduced to avoid long waits for those dropping off items. To reserve a time slot or obtain more info, [click here](#). Visit [SunKing's webpage](#) to find out where, when and what types of e-waste you can take to these sponsored events.

New York State Birders Conference in Rochester

The 71st annual meeting of the New York State Ornithological Association (NYSOA) will be held **October 5 – 7, 2018** in Rochester, NY. This meeting will be hosted by the Burroughs Audubon Nature Club (BANC) and the Rochester Birding Association (RBA). The conference will be chock full of great birding and educational activities, along with opportunities to catch up with old friends and make new ones. Highlights will include: Saturday evening banquet featuring a program by Greg Miller, of The Big Year book and movie fame. He will approach the subject from the viewpoint of what followed from his adventures: the book, the movie, and his future involvement in birding, Friday afternoon, Saturday, and Sunday field trips, highlighting shorebird species lingering near inland ponds and inlets, passerine banding efforts at Braddock Bay Bird Observatory, and songbirds along the scenic pathways of parks and preserves. The Rochester area has multiple sites where migrating birds of all types congregate. [Download all the details and a printable registration form.](#)

National Planning Conference to be Hosted by UB

Urban planners from across North America, Europe and Asia will be coming to Buffalo for the Association of Collegiate Schools of Planning (ACSP) national conference, being hosted by the Department of Urban and Regional Planning in the University at Buffalo's School of Architecture and Planning. The **October 25-28** conference will explore stories of long-term planning and action and questions about equity on topics including economic development, waterfront redevelopment, parks planning, education, employment, transportation. Faculty and students from UB, as well as community leaders from across Buffalo, will share lessons learned from Buffalo's dogged, continually evolving and in some cases disputed "comeback," while inviting the exchange of stories of city-making, and remaking, across all urban scales. For info, visit [conference](#).

The Foundry Offers Hands-on Classes: Build your own Furnishings

Want a new skill? The Foundry, 298 Northampton St. in Buffalo, offers artisan classes including glass blowing, leatherworking, upholstery and woodworking. To check out the full list of classes, [click here](#).

National Grid Customer Opportunity: Earn Rebates

If you are a National Grid customer and resident of Kenmore, Northern Buffalo, or Amherst, you have the opportunity to participate in a new energy conservation program this summer that helps save energy and money. The coolControl program gives customers remote control of the biggest energy hog in the home – air conditioning. Eligible customers will receive free Wi-Fi enabled Sensi Thermostats for their central air conditioning that will allow them to manage their energy use, along with a complimentary installation. Customers earn a \$30 Amazon Gift Card for each thermostat when they connect and up to \$20 more when they participate in conservation events. National Grid customers can learn more at www.coolControlprogram.com.

Confirmed Spotted Lanternfly in NY

The New York State Departments of Environmental Conservation (DEC) and Agriculture and Markets (DAM) confirmed that [spotted lanternfly](#) (SLF), an invasive pest from Asia, has been found in Albany and Yates counties. A single adult insect was discovered in a vehicle in the Capital District. In addition, a single adult insect was reported on a private Keuka Lake property in Penn Yan, Yates County. At this time, no additional insects have been found. DEC and DAM urge New Yorkers to report potential sightings to spottedlanternfly@dec.ny.gov. This insect is a destructive pest that feeds on more than 70 plant species including tree-of-heaven (*Ailanthus altissima*), maples, apple trees, grapevine, and hops. SLF feedings can stress plants, making them vulnerable to disease and attacks from other insects. SLF also excretes large amounts of sticky "honeydew," which attracts sooty molds that interfere with plant photosynthesis, negatively affecting the growth and fruit yield of plants. SLF also has the potential to significantly hinder quality of life due to the honeydew and the swarms of insects it attracts. Adult SLF are active from July to December. They are approximately one-inch long and half an inch wide at rest, with eye-catching wings. Adults begin laying eggs in October. A Smartphone application is also available to help citizens and conservation professionals quickly and easily report new invasive species sightings directly to New York's invasive species database from their phones. For more info, visit <http://www.nyimainvasives.org/> (leaves DEC website).

Food Donation and Scrap Laws and Regulations

In partnership with Harvard Food Law & Policy and Center for EcoTechnology, four legal facts sheets have been created to address common legal questions about food donation and food scraps diversion in New York State. These fact sheets should dispel some concerns about liability related to food donations and encourage more businesses to share surplus goods. Food waste is a major environmental issue, so keeping it out of landfills is important. These fact sheets explain both federal and New York State laws and regulations including:

- [Tax incentives for food donation](#)
- [Liability protections for food donors](#)
- [Date labeling requirements for food packaging](#)
- [Feeding food scraps to animals](#)

Recycling Education, Coordination, Promotion, and Planning (RECPP) Grants

The DEC administers funding from the Environmental Protection Fund to support municipal waste reduction and recycling (MWRR) efforts in New York State. Grants are available to assist local governments to pay for recycling education, coordination, promotion and planning, reimbursing up to 50 percent of eligible "soft costs" of recycling and waste prevention. Eligible projects include costs of salary for a municipal recycling coordinator, publications, education and outreach tools, recycling advertising, recycling websites, and promotional items. Approximately \$3 million will be made available for MWRR-RECCP grants. DEC will be accepting applications only during the months of **September and October 2018** for projects to be completed during January-December 2019. For more information, visit DEC's [Grants for Recycling Coordination and Education Projects website](#).

Adopt-a-Horse: Support the Solar-Powered Heritage Carousel

A solar-powered historic carousel is planned for Canalside in 2018. The Buffalo Heritage Carousel, Inc. is currently restoring the 1924 Spillman carousel which features 34 hand carved and painted animals and 3 chariots, with most currently needing restoration. Consider adopting one of the animals or contributing to the efforts of the project. For info, visit <http://buffaloheritagecarousel.org/>

Compostable Plastic wrap Made from Shellfish and Plants

Researchers have developed a completely compostable, flexible film that could be used to wrap our produce, meat and other goods. The scientists extracted tiny fibers of cellulose from plants and chitin from shellfish and suspended them in water. The two fiber types have opposite electrical charges so they adhere to each other. Even layers of the solution can be sprayed on a surface to create the film upon drying. This experimental version reduced oxygen permeability by up to 73% compared to existing plastic film, which could help keep produce fresher for longer. Let's hope that it can be mass-produced for commercial use. For more details, visit <https://pubs.acs.org/doi/10.1021/acssuschemeng.8b01536> or watch a short [video](#).

Want to increase your sustainability practices at Work?

We've all heard it before – “buy green products” – but what does that mean and how do I know if I am really purchasing an environmentally preferable product for my home or business? New York State agencies have taken a close look at what it means to buy truly green products and where to find them. They have developed criteria to purchase items that reduce harmful health and environmental impacts, minimize toxicity in packaging, and maximize recycled and renewable content. Check out the deep dive on everything from carpeting to lighting and from electric vehicles to office furniture at the [“Green NY”](#) website.

One Positive Solution to Marine Pollution: Biodegradable

Plastic debris is known for its harm to marine life, tangling birds' wings, choking marine mammals and distorting the shells of growing sea turtles. Saltwater Brewery, a craft microbrewery in Florida, has worked with a startup E6PR to develop six-pack rings that can either biodegrade or serve as food for wildlife. The rings, made of wheat and barley, are becoming available in south Florida. Learn more at <https://www.e6pr.com/>.

Great Lakes Project Investments Pay Off

A report released by the Great Lakes Commission and others, entitled "Assessing the Investment: The Economic Impact of the Great Lakes Restoration Initiative (GLRI)," quantifies the economic impact of the GLRI using both quantified modeling and case studies that illustrate the benefits for Great Lakes communities. The study can be accessed at: <https://www.glc.org/work/blue-economy/GLRI-economic-impact>. GLRI projects that improved water and natural resources in environmentally degraded communities have included cleanup of pollution contamination, invasive species control, prevention of phosphorus runoff and restoration of shoreline and riparian habitat. Economic benefits identified by the researchers included: job creation, increased tourism and real estate values and increased personal income for Great Lakes residents. Buffalo, NY was one of the eight case studies demonstrating how GLRI translated into local improvements in specific Great Lakes communities. Industrial discharges, combined sewer overflows and inactive hazardous waste sites along the Buffalo River had resulted in poor water quality and very limited use of the waterfront and waterway for recreational purposes. With over \$71 million investments from the GLRI, over 500,000 cubic yards of contaminated sediments were dredged from the river, and habitat restoration and invasive species control projects were implemented. Buffalo has since seen a major resurgence in water-based recreation, new residential and commercial development, and a growing millennial population, who are now shaping a different narrative the area than what their grandparents knew. The Buffalo study and other case studies can be accessed at: <https://www.glc.org/work/blue-economy/GLRI-economic-impact/case-studies>.

Enzyme May Allow New Uses for Plant Waste

Research by Professor John McGeehan from the University of Portsmouth has uncovered an enzyme that can break down lignin, a compound that provides support and woodiness to plants. Currently only limited fungi and bacteria can break down lignin. If an affordable method is developed, this would allow more plant waste to be recycled into materials such as nylon, chemicals, plastics and fuels. [Read More](#)

Electronics Recycling: Collection Events

Sunnking has residential electronic collection events throughout the upstate NY area throughout the year. You can view the first half of 2018's schedule at [https://www.sunnking.com/consumer-business/events/!](https://www.sunnking.com/consumer-business/events/)

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 or their new location at East Aurora Flea Market on Big Tree Road, just west of the Village of East Aurora on Saturdays and Sundays. Profits from sales put people to work!

Hemlock Woolly Adelgid Educational Video

The New York State Hemlock Initiative is sharing an educational video to inform the public about their efforts to conserve New York State's hemlock resources in the face of multiple threats, particularly that posed by an invasive pest, the Hemlock Woolly Adelgid. Mortality due to Hemlock Woolly Adelgid (HWA) in New York has increased at an alarming rate recently. For info, visit [here](#). View video at <https://www.youtube.com/watch?v=AupnMjYaI0Q>.

New York State Black Bear Study

Staff from DEC's Bureau of Wildlife completed a 4-year black bear population study in collaboration with Cornell University. A total of approximately 240 research sites were deployed on both private and public lands. These sites consisted of a trail camera and barbed wire with bait. The sites were checked every two weeks for photos and hair samples from the barbed wire. The research ended in August. Although DEC has concluded its field efforts, the citizen science project iSeeMammals is still ongoing. Members of the public can contribute data to the research project by submitting pictures and one-time observations of bears and bear sign (scat, tracks, hair, and markings), as well as data from hikes they go on or personal trail cameras they set up. Learn more on the iSeeMammals website.

New Water Pollution Technology Under Development

Scientists at Australia's Edith Cowan University claim to have a new solution to cleanse wastewater with a new degree of efficiency. The breakthrough centers on a fabrication method previously used by the team to develop metallic glasses with a disordered atomic structure that remove impurities from wastewater. This technique was adapted to form what they call crystallized Fe-based ribbons, which are heated in a specific way to form a more ordered atomic structure. This enables electrons within it to move more freely and better bind with pollutants. Read more at <https://newatlas.com/metallic-ribbons-water/56397/>

Humorous Video on Plastics Recycling Confusion

You can view a short humorous recycling video at <https://livegreen.recyclebank.com/earn-points/recycling-plastic-cups-it-s-easier-than-you-think>.

Join Climate Watch!

Join the 50+ Audubon centers and chapters that are already participating in Audubon's newest community science program, [Climate Watch](#). Climate Watch aims to document how birds are already responding to a changing climate and is a great opportunity to engage people who are concerned about birds and climate change. The next season will take place January 15 to February 15, 2019, and the program depends on skilled and dedicated volunteers like yourselves to organize local and regional efforts so be sure to register a training to learn more about the science behind Climate Watch and how you can get involved as a coordinator or participant. An upcoming coordinator web training will be October 3 at 4pm. [Register](#) in advance.

DEC Announces Fourth Round of E-Waste Recycling Grants for Municipalities

A fourth round of grant funding from the Environmental Protection Fund (EPF) is being made available to help municipalities across the State address costs associated with the collection and recycling of eligible electronic wastes (e-waste). DEC will accept applications for these grants in January 2019. Approximately \$900,000 is available for the 2018 funding period (January 1, 2018 - December 31, 2018). DEC will accept applications for this funding opportunity beginning January 1, 2019, and no later than February 28, 2019. New York's Electronic Equipment Recycling and Reuse Act, requires electronic equipment manufacturers to offer consumers programs to collect and recycle e-waste such as computers, laptops, printers, monitors, keyboards, video game consoles, keyboards, televisions, and other small electronic equipment and has diverted more than 520 million pounds of e-waste from landfills for reuse and recycling between 2011 and 2016. As technology advances, the amount of e-waste consumers generate continues to grow. These grants will help mitigate financial pressures some local governments face in collecting and properly managing e-waste. DEC's Household Hazardous Waste Assistance Program will continue to administer the grant application process. Municipalities may receive reimbursement of up to 50 percent of eligible expenses incurred for recycling of e-waste between January 1, 2018, through December 31, 2018. Application materials, guidance documents, and [important information for Electronic Waste Assistance Grants](#) are available on DEC's website.

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://www.eany.org/our-work/bill-ratings>

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

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

NYSERDA 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, vegetable growers, vineyards, grain dryers, and poultry/egg. Farms must be customers of a New York State investor-owned utility and contribute to the System Benefits Charge (SBC). Please check your farm's current electricity bills to determine if you pay SBC. Farms can request an energy audit through the Agriculture Energy Audit Program. NYSERDA will assign a Flexible Technical Assistance (FlexTech) Consultant to perform an energy audit.

Rechargeable Batteries: What do I do with them when they no longer charge?

Different battery sizes and materials make recycling and/or recharging problematic. For batteries that are marked as rechargeable, they can be recycled at most retail locations that sell them, and retailers are required to provide signage and collection containers in easily accessible locations. Consumers are encouraged to utilize these take-back programs. Types of rechargeable batteries covered by the NYS Rechargeable Battery Law include Ni-Cd, sealed lead, Li-ion, Ni-MH, any other such dry cell battery capable of being recharged and battery packs containing any of the previously mentioned batteries. You can also check with your municipality or local recycling coordinator to see if any special programs are being offered in your area. Organizations and businesses can purchase a box to collect used batteries and then the box can be mailed back to the company for recycling. For non-rechargeable batteries, there is not currently a mandated take-back recycling program. Consumers can inquire with their local municipality or local recycling coordinator to see if any special programs are being offered in their area. Otherwise, non-rechargeable, single-use batteries may be put in your regular household trash and should **not** be taken to drop-off events.

Business Membership Program to Encourage Greener Commuting

Go Buffalo Niagara, a Transportation Management Association serving Erie and Niagara Counties, has launched a [business membership program](#) which encourages people to commute without a car. Once a business is signed up, its employees who choose to walk, carpool, bike, or take public transit to work will have access to myriad alternative transportation incentives, such as: discounted transit passes and preferred parking for carpools, guaranteed ride home which provides those who don't drive alone with a free ride home in case of emergencies, discounted memberships to [GObike Buffalo](#) and [Reddy Bikeshare](#) and monthly raffles for commuters who log their commute trips.

Webinar: NYSERDA-funded Clean Heating and Cooling Campaigns

The Climate Smart Communities webinar series continues in October with a presentation on **Thursday October 11** from 10:30am to noon about [NYSERDA's Clean Heating and Cooling Campaign initiative](#). Speakers will include Scott Smith and Sue Dougherty from NYSERDA. The Clean Heating and Cooling Community Campaign initiative brings together groups of potential customers so they can obtain discounts for air and ground source heat pumps, biomass heating, and solar heating through aggregated purchases and a simplified procurement process. It is also designed to educate and increase the awareness and knowledge of clean heating and cooling technologies among consumers. On this webinar, you'll learn about the first eight clean heating and cooling communities and the [\\$2 million available](#) for new communities. Proposals are due 10/30/18. If you plan to attend, please provide your name, email, and community affiliation to the DEC Office of Climate Change at climatechange@dec.ny.gov or 518-402-8448. In the event that we postpone the webinar, respondents will be notified. Registration is recommended but not required. To join the webinar, go to the [link](#), enter name and email along with password NYSDEC1.

Electric Vehicle Charging

Want to learn more about electric vehicles and how you can recharge them at home? Have your questions answered so you can make informed choices for future vehicle purchases. Info at [Home charging for e-vehicles](#).

Geothermal Heating and Cooling, Domestic Hot Water: No Money Down

GroundUp: Geothermal Alliance of Western New York is leading the charge to bring Geothermal Heating and Cooling into every home in Western New York with its new \$128/month and \$0 money down financing option. This offer is for any qualifying homeowner looking to build a new home or replace their existing heating and cooling system in their current home, and usually covers houses up to 4,000 sqf with good insulation. The New York State Energy Research and Development Authority (NYSERDA) has up to \$15 million available through June 2019 for the installation of ground source heat pump systems for residences, businesses and institutions. Rebates are available to qualified installers for two years or until all funds have been exhausted. The rebate will be deducted from the total cost of the system, thereby passing the savings along directly to consumers. To learn more about this new low-cost financing option, contact <https://www.groundupgeo.org/contact>.

DEC Adopts First Major Update to State's Environmental Quality Review Regulations in 20 Years

The DEC has adopted a rulemaking package as the first major update to State Environmental Quality Review (SEQR) regulations in more than two decades, preserving the integrity of the regulations and streamlining the environmental review process. The updates to SEQR will take effect on January 1, 2019, and will expand the number of actions not subject to further review, known as Type II actions, modify thresholds for actions deemed more likely to require the preparation of an environmental impact statement (EIS), and require scoping of an EIS. Additional highlights regarding content of a draft EIS, are the consideration of measures to avoid or reduce an action's impacts on climate change-induced conditions such as sea level rise and flooding, as well as enhancements to make acceptance procedures for EIS more consistent. Examples of Type II actions to be added include: green infrastructure upgrades or retrofits; installation of solar arrays on closed landfills, cleaned-up brownfield sites, wastewater treatment facilities, sites zoned for industrial use, or solar canopies on residential and commercial parking facilities; installation of solar arrays on an existing structure not listed on the National or State Register of Historic Places; reuse of a residential or commercial structure, or structure containing mixed residential and commercial uses; acquisition and dedication of parkland; land transfers in connection with one, two or three family housing; and construction and operation of certain anaerobic digesters at operating publicly owned landfills. Details can be viewed at <https://www.dec.ny.gov/permits/83389.html>

Your Guide to Farmer Grants in the Northeast

Farm Credit East compiled a comprehensive report of farming grants offered in the northeast. The report is organized by first listing federal/regional grants, and then by state. Specific states include: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, and Rhode Island. However, federal resources are applicable to all farmers. Review [here](#).

Calling all NY State School Teachers and After School Program Leaders!

The New York Connect Kids to Parks Field Trip Grant Program will refund up to \$1,000 of field trip costs per classroom, per trip to DEC or State Parks land. Grants are available on a first come, first served basis. Grants refund field trip costs including transportation, program fees, entry fees, and/or pavilion fees, but cannot reimburse chaperones who travel separately. Students can explore New York's natural and historic heritage by planning now and booking your field trip to a state park, state park nature center, state historic site or DEC environmental education center, fish hatchery, or other DEC lands! This program is available to any public school in a district *with* a Title 1 school (grades pre-K through 12 including school-sponsored clubs). Also, Advantage After School Programs, 21st Century Community Learning Centers, Empire State After School Programs, and municipal recreation programs in communities with Title 1 schools are eligible to apply. Learn more at [Connect Kids to Parks Field Trip Grant Program](#) and [view the application online](#). If you have questions, please call (518) 474-6736.

Going Strong: Every Kid in a Park (EKiP) Launches its Fourth Year

A \$10,000 grant from the [National Park Foundation](#) supports Erie Canalway's partnership with national parks to participate in the [Every Kid in a Park](#) program. The grant covers transportation costs and program fees for fourth graders taking field trips to national parks in the [Erie Canalway National Heritage Corridor](#), ensuring that all students are able to participate. Students also receive a one year pass to any national park across the country. Erie Canalway also provides transportation grants to schools to visit canal heritage sites through our [Ticket to Ride program](#). The long-term commitment by National Park Foundation and other supporters to Erie Canalway's Every Kid in a Park and Ticket to Ride programs has resulted in more than 42,000 students having a field trip experience. [Learn more and register!](#)

The 2019 Erie County Rain Barrel Painting Contest is in full swing!

Open to schools and student-based community groups in Erie and Niagara counties, this painting contest is held annually in honor of Earth Day. Paint your rain barrel focusing on a theme of stormwater pollution prevention and/or recycling rainwater. All participating schools will retain their final painted rain barrels to use, donate or raffle as desired. We encourage teachers to incorporate environmental lessons in the classroom wherever possible on conserving resources, recycling rainwater, stormwater pollution prevention, and reusing materials for a sustainable planet. To register, please visit <http://www.erie.gov/rainbarrelcontest>.

Teacher's Resources

[Orangutan Gang](#)-Lesson includes an introductory video, PowerPoint presentation, discussion, informative article and corresponding short-answer questions, and homework including online research and an activity with the goal of helping students realize just how much palm oil they use in their everyday lives.

[New GPS-STEM Lessons](#)-Engage formal and informal students in real-world applications of STEM concepts inspired by GPS.

[Soil Story Curriculum](#)-Kiss the Ground's middle school curriculum aims to foster a deeper understanding of the vital role soil plays for the planet and to inspire a new generation of people to better engage with the environment and their communities.

[The Blossoms, the Birds and the Bees: a pollination investigation for Pre-K - Grade 2](#)-This playful lesson plan includes three hands-on activities designed to grow young learners' understanding of the relationships between plants and pollinators, and spark their interest in these important living things. Students will play a matching game to discover why hummingbirds, bees, and butterflies choose the flowers they do, "fly" pollinators around the classroom in search of nectar, and use their senses to explore diversity in nature. This lesson plan is made to be adapted, and includes suggestions for extensions and additions to fit the needs of every classroom.

[Animals and Plants Can Live in a City](#) for Grades K-2. Students learn that animals need air, food, water, and shelter, while plants need air, sunlight, and water. Students watch videos and engage with drawing and sorting activities to reinforce their learning.

[How Disruptions Affect Animal Populations](#) for Grades 6-9. Students explore the effects that ecosystem disruptions can have on animal populations and the impacts that a shift in the population of one animal can have on others in an ecosystem.

[Deciding Your City's Energy Future](#) for Grades 9-12. Students watch videos adapted from NOVA: Treasures of the Earth: Power and analyze data provided in graphs and maps concerning the availability, cost, reliability, and environmental impact of different energy sources.

[The Frogs of Panama](#)- Engage students in authentic science research or explore biodiversity and conservation issues in the classroom with outreach materials developed by scientists/educators studying frogs at the Smithsonian Tropical Research Institute in Panama.

[Climate Change Timeline](#) describe early science leading up to the discovery of climate change.

[Climate Change Interactives](#) allows users to enter their location and see some of the direct local effects likely with climate change.

[Educator's Guide to Marine Debris](#)- also available in Spanish, easy-to-use guide is designed to provide maximum flexibility for educators in both formal and informal settings.

[Educational apps for Middle and High School Students](#)

[Education apps for Elementary Students](#)

[DEC's I Fish NY Program's K-12 lesson plans about fishing, including specific ones for outside the classroom](#)

[DEC's Environmental Education K-12 lesson plans](#)

[Educational Resources on Black Bears](#) contains 29 lessons for students in kindergarten through 8th grade. The self-contained computer program is full of puzzles, computer games, special bear movies, quizzes, and interactive learning activities.

[The Northern Forest Atlas](#) is a free, online resource cataloging the plant diversity of the Northern Forest (NY, ME, NH, VT, MI, MN, MA). Includes stunning photos, charts, and videos.

[Five Gyres Curriculum](#) -Next Generation Science Standards (NGSS) Educational Curriculum, piloting on Lonely Whale's Catch the Wave platform.

[LearnHowToBecome.org](#) is a comprehensive website for students and other young professionals to find and explore resources related to a variety of careers. It includes sections on career types and paths, colleges, online education, and a resource center.

[KoiKiwi](#) is an educational website with fun environmentally friendly games. Play puzzle games, action games, shooting games (shooting GHG molecules for instance!), rubbish cleaning games, recycling games and others.

[Using Environmental Issues Forums \(EIF\) to Enhance Deliberation: Case Studies](#)-This publication documents, through a series of case studies how educators have developed locally relevant EIF materials, reflect on their experiences holding forums for a variety of audiences, and report assessment results.

[EPA Activity Book for Elementary Age Students](#)-How do you describe to students what the EPA does? This newest activity book for elementary age students to help introduce them to EPA. Kids can learn about the different ways the EPA works to protect our environment and our health. It's a simple, straightforward guide suitable for children of all ages.

[Botany Primer: Understanding Botany for Nature's Notebook](#)- designed to help observers make reliable plant observations for submission to the Nature's Notebook citizen and professional science program. It covers basic botany, phenology vocabulary and the USA-NPN's plant phenophases. It is also very appropriate for those interested in simply learning more about botanical terms and concepts, separate from participation in Nature's Notebook.

[Solar Ovens & Design Critiques](#)-In this unit, students design, build, and test solar ovens.

[Conservation Connect](#) is a web-based video series produced by the U.S. Fish and Wildlife Service, National Conservation Training Center (NCTC). Our goal is to connect a new generation of conservationists, ages 8-16, with the great outdoors, wildlife species, and conservation careers. Conservation Connect is available to youth groups, schools, homeschoolers, nature centers, and other educational programs throughout the country, free of charge.

[Humpback whale activity books](#)- Learn about whales and their migration.

[How can teachers get students to learn science from each other](#)-By communicating science, students can reinforce and help others learn.

[Sky, Water, Earth: self-paced online science activities for youth](#)- collection of free, online, self-paced activities that are designed for youth between the ages of 16-22 who are interested in the field of science.

[High School Teacher's Guide for Climate Choices: How should we meet the challenges of a warming planet?](#)

[Middle School Teacher's Guide for Climate Choices : How should we meet the challenges of a warming planet?](#)

[Project GRACE](#)- To prepare youth in economically disadvantaged communities for the prospect of careers in science, technology, engineering, or mathematics (STEM) through Geographic Information Systems (GIS).

[FoodSpan](#) is a free, downloadable curriculum that provides high school students with a deep understanding of critical food system issues, empowers them to make healthy and responsible food choices, and encourages them to become advocates for food system change.

[Climate Change and the Water Cycle: Four Big Questions Answered](#)-Free e-book. Dramatic changes to our planet like glaciers calving into the sea and record-setting temperatures make front page headlines around the world. But while other disruptions caused by the climate crisis – such as the transformation of our planet's water cycle – are a little less immediately striking, they can be even more profound and far-reaching. The consequences can also seem confusing and contradictory. How is it even possible that climate change increases our risk of both heavy rains and extreme droughts?

[PollinatorLIVE: A Distance Learning Adventure](#)- resource that aims to meet national science education standards and promoting conservation action through education. PollinatorLIVE has lesson plans, web seminars, and information to increase the understanding of pollinators and their importance.

[Nature's Lights](#) explores how light is essential in the natural world, and how and why animals that live in the dark produce light via bioluminescence so that they can find food and communicate with others.

[Guess the Pollinator](#) is a fun creative activity which teaches students that certain animals have preferences for a flower type, color, shape or smell. Using the Coloring Sheets, students will colour in a chosen flower, then use the facts written underneath to match their flower up with its pollinator.

[Design a Flower](#) teaches students about what pollination is and how it happens. Using what they learned, students will then receive a card with a specific pollinator on it and will be asked to design the perfect flower for them.

[Seeing Red](#) teaches students about frequencies of light and how different colored light is absorbed or transmitted by colored filters. They will also discover how some animals use bioluminescence and color perception to outsmart prey.

[Materials Science and the Problem of Garbage](#)-Equip students to make informed choices about materials use and disposal with a series of lessons in which they investigate the technological and engineering ingenuity involved in making materials—and also the environmental ramifications.

[Water Agriculture Sustainability](#)-InTeGrate provides this three to five-week module that provides a framework for students to learn about how people interact with water, peer into our water future, and consider ways we might foster more sustainability in water management. After assessing our major water challenges, the module has students learn about the concepts of water sustainability, virtual water trade, and water footprints. The focus then turns to the interplay between agriculture and water resources, as agriculture has the greatest impact on freshwater consumption and quality.

[Remember the Rainforest](#)-free resources for K-12 with images of rainforest ecosystems for awareness.

[Cornell Webinars](#) -Our free webinar series covers topics like bird-friendly gardens and bird communication.

[Book Guide for On Bird Hill](#)- Our free guide for grades K–2 turn [this charming book](#) into lessons in science, art, math, and literacy.

[Edible Learning Lab](#)-curriculum allow kids (K-12) to manage the food production process from "Lab to Table".

[PLT Online Professional Development for GreenSchools](#)-6 learning hours of professional development for formal and informal educators.

[Green Schools Membership](#)- Free for Teachers, educators, students, and administrators. Access to lots of resources.

[Greening STEM](#) -infographics, toolkits, activity guides, and video resources contain free educational material in popular environmental topic areas that incorporate elements of STEM. Many of the activities and resources include project-based learning, service-learning, and citizen science components.

[Flipside Science](#) is a youth-powered series that tackles complex environmental topics and empowers viewers to make a difference. This engaging and upbeat collection of videos, hosted by California Academy of Sciences youth, explores how local communities are addressing environmental problems.

[Sustainability in Schools Simulation Game](#)- The Education for Sustainability program has designed a simulation game to show how to identify sustainability related projects that make financial sense and weave them together into a coherent strategy that takes advantage of synergies. It also shows how to use those projects in curriculum.

[Cool Science Jobs](#) provides real stories about “cool” jobs using science to help inspire the next generation. They also include vocabulary and can be used as mini-lessons in the classroom.

[Keep Wild Animals Wild](#) lesson plans, videos and worksheets provide everything educators need to introduce students to what makes wild animals wild, why wildlife trade is a big threat not just to animals and ecosystems, but to people too, and how to help keep wild animals wild.

[Black bear curriculum](#) - provides of free multimedia resources on black bears for educators and students.

[12 Pathways to Greening Your School](#) is designed for you to use September - June (1-10) with two serving as year-round learning tools. But, you can put them in any order that aligns with your program. If you'd like to have access to all of these Pathways please become a [FREE MEMBER NOW!](#)

[Faces of EPA](#)-Learn about careers in the EPA and get to know EPA staff. The videos spotlight employees ranging from special agents, to ocean explorers, and others as they explain their career paths and passion for their work.

[Project Localize](#) is a customizable curriculum to explore sustainability locally while building knowledge and skills in research, math science, digital technologies, and art through project-based learning. Students participate in field trips to visit local food producers as they employ journalistic practice in gathering the information for their artwork.

[Raptors in the City](#) is a real-time, inquiry-based science program that stars the peregrine falcon. The peregrine has recovered from near extinction and was removed from the Endangered Species list in 1999. The program guides children through nesting season as they watch the still rare falcons live via cameras mounted on a skyscraper.

[Getting the Picture: Our Changing Climate](#)-The adventures of scientist-photographer James Balog and the Chasing Ice team come to life in a newly released climate science education resource which provides a unique, interactive, multimedia experience for students and educators to learn about the latest climate science and witness real-world changes occurring around the world.

[SMILE: New STEM Activities for Educators](#) is an award-winning, free access collection of nearly 4,000 STEM education activities. Many activities are grouped by topics with environmental themes including energy, climate, life sciences, and ocean literacy. Activities are also aligned with standards and principles such as the Climate Literacy Principles, Ocean Literacy Principles, and U.S. DOE Energy Literacy framework.

[Free ArcGIS for K-12](#) -Esri is providing free ArcGIS Online subscriptions for use for all K-12 schools. Resources to help schools get started with ArcGIS Online are available [here](#).

The [CLEAN](#) (Climate Literacy and Energy Awareness Network) collection is a searchable database for teachers to find online activities, videos, and graphics on climate and energy education. Teachers may sign up for the newsletter with updates on educational policies, discussions with experts, events, and weekly telecons.

["Appetite for Adventure: Exploring Global Food Sustainability"](#)- This standards aligned, multimedia presentation will showcase cutting-edge sustainable food projects from around the world, introducing students to the local and global connections between food production, consumption, and climate change.

[Architecture 2030](#) is appropriate for Grades 9-12. Learn about this architect's efforts to protect the environment by changing the way buildings are planned, designed, and constructed.

[Affordable Green Housing](#) is designed for Grades 9-12 to consider the role habitat plays in fostering diverse, vibrant social structures in well-designed, integrated communities.

[Bird Sleuth](#) for K-12. Kits and resources for learning more about birds.

Contests and Awards

[2018/19 Youth and Climate Justice Fellowship](#) is for youth already working with an organization to meet other youth activists within our region, develop advocacy and leadership skills around issues of climate justice, and strengthen your work within the movement. The Youth and Climate Justice Fellowship engages and unites youth in leadership and educational opportunities through training, participation in public advocacy events and workshops. Youth working with WNYEA member, partner or affiliate organizations, especially those on the front lines of climate change impacts, are invited to join the program to learn techniques and tools to be successful climate justice leaders within their host organizations, schools, homes and the region more broadly. Deadline: **October 7**.

[New York State Parks Photo Contest](#) - Submit some of your favorite photos in one of five categories: Day Trips and Other Adventures, On the Trails & Off the Beaten Path, Connecting with the Outdoors, Camping Life, Points of Interest. Deadline: **November 30**.

[Toshiba/NSTA ExploraVision Science Competition](#) encourages K-12 students to imagine what technology might be like in the future while experiencing scientific process and discovery in an engaging, hands-on way. Let's empower the next generation of inventors, scientists and leaders. Deadline: **February 6, 2019**.

Grant and Scholarship Opportunities

[Target Field Trip Grants](#) -It's become increasingly difficult for schools to fund learning opportunities outside the classroom. To help, Target stores award Field Trip Grants to K-12 schools nationwide up to \$700.

Deadline: October 1

[2019 Monarch Butterfly Scholarship Grant](#)- two qualified U.S.-based teachers will have an opportunity to experience the monarch butterfly migration on a small-group tour led by top naturalist guides. On this rare nature experience in Mexico's Central Highlands, grant recipients will witness an astounding natural phenomenon as millions of monarchs gather at their winter roosting sites in the forested mountains. Deadline: **Oct. 1, 2018**. Each recipient will be awarded one space on our Jan. 6, 2019 [Kingdom of the Monarchs](#) adventure (a \$3,595 value), plus free roundtrip airfare to Mexico City, where the trip begins and ends.

[Energy-Related Air Quality and Health Effects Research](#)- The New York State Energy Research and Development Authority (NYSERDA) has developed a long-term research plan to support research to improve the scientific and technical foundation for addressing key policy-relevant questions related to air quality and health effects research. Targeted research categories include, but are not limited to: atmospheric species, trends analysis, improved energy-sector modeling for energy and environmental policy evaluation, accountability studies and health impact assessments, and monetization of air quality and public health benefits. Deadline: **October 10, 2018**.

[J-Serve Grants](#) - J-Serve is the International Day of Jewish Teen Service. Community grants of up to \$500, \$1800, or \$2500 are now available for J-Serve 2019 - happening worldwide on/around Sunday, April 7, 2019! U.S./Canada as well as global projects are eligible. Deadline: **October 19**.

[Local Foods, Local Places 2018-2019](#)- helps communities revitalize neighborhoods through development of local food systems. In 2017, the U.S. Department of Agriculture, the U.S. Environmental Protection Agency (EPA), the Centers for Disease Control and Prevention, and the Delta Regional Authority supported the program. The Northern Border Regional Commission will join as a program sponsor in 2018. Deadline: October 22.

[Erie Canalway Grants Available](#) -Applications are now being accepted from not-for-profits, municipalities, and federally recognized Native American tribes to request support for projects that advance the Erie Canalway goals and objectives. This competitive grant program makes reimbursement-based awards ranging from \$2,000 to \$7,000. A 50/50 match is required. Deadline: **Friday, October 26th**.

[Samsung Solve for Tomorrow Contest](#) - Designed to boost interest and proficiency in Science, Technology, Engineering and Math (STEM), this nationwide contest challenges public school teachers and students in grades 6-12 to show how STEM skills can help improve their local community. Deadline: **Oct. 30**.

[Prudential Spirit Of Community Awards](#) - Are you a middle level or high school student making a difference through volunteering? Apply today for national recognition, monetary awards and an all-expense-paid trip to Washington, D.C.! Deadline: **November 6**.

[Build It With KaBOOM!](#) Build it with KaBOOM! pairs one of their dedicated funding partners with you to come together to plan and build a brand-new playground. Deadline: **November 9**.

[NY Farm Viability Institute Grants](#)-Educators, researchers, farmer groups, agencies, organizations, and businesses within New York State are eligible to apply for grants from \$15,000 to \$125,000. The proposals should be six months to two years, and funds are awarded on a reimbursement basis each quarter. Deadline: **November 14**.

[Northeast SARE Farmer Grants](#)- intended for farm business owners and managers who would like to explore new sustainable production and marketing practices, often through an experiment, trial or on-farm demonstration. Reviewers look for innovation, potential for improved sustainability and results that will be useful to other farmers. Deadline: **November 27**.

[Parks & Trails New York \(PTNY\) Grants](#) are a capacity-building matching grants program funded through the NYS Environmental Protection Fund. Deadline: **November 30, 2018**.

[2019 Youth Garden Grant](#) - supports school and youth educational garden projects that enhance the quality of life for students and their communities. 5 programs will receive awards valued at \$2100 and 20 programs will receive award valued at \$500. Deadline: **December 17**

[Funding for Municipal Food Scraps Reduction, Food Donation, and Food Scraps Recycling](#)- to support municipal projects to reduce wasted food, donate wholesome food and recycle food scraps. Deadline: **March 1, 2019 at 3 p.m.**

[Food Waste Grants](#) - The New York State [Pollution Prevention Institute](#) (P2I) will operate the funding program, which will provide reimbursement to businesses that generate over one ton of food waste per week to offset the 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 from this program 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**.

[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).

[Project Produce: Fruit and Veggie Grants for Schools](#)-designed to help increase kids' access to fresh fruits and vegetables and create experiential nutrition education when and where students make their food choices: in the cafeteria. The \$2,500 one-year grants support food costs to incorporate school-wide fruit and vegetable tastings into the school's nutrition program. Grants will be determined on an ongoing basis depending on available funding.

[Industrial Hemp Processing Grant Fund](#)-New York State has also allocated up to \$5 million for grants for machinery and equipment required to process industrial hemp for commercialization in New York. Grants may provide a minimum of \$50,000 and a maximum of \$500,000 for up to 50% of total project costs supporting capital investments. To be eligible, the facility must be located wholly in New York State which processes industrial hemp for commercialization.

[Toyota Every Day Capacity Building Grants](#)- Up to \$5000 for 25 Public Lands Friends' groups in each cycle. Projects that are needed and will help contribute to the long- term sustainability of the organization. **Deadlines: April 23 and other dates later in the year.**

[The Karma for Cara Foundation](#) is encouraging kids 18 and under to apply for funds between \$250 and \$1,000 to complete service projects in their communities. **Deadline: Rolling.**

[NIEHS Conference Grants](#)-The mission of the National Institute of Environmental Health Sciences (NIEHS) is to discover how the environment affects people in order to promote healthier lives. The NIEHS Conference grant program is considered an integral part of the overall mission of the Institute; thus it is critical that all 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.**

[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. Youth will learn the importance of providing appropriate food sources, nesting areas, shelter, and practicing sustainable gardening practices for pollinators by planning, planting, and maintaining these pollinator gardens. 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.

[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.**

[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. We maximize our effectiveness by providing grants for the purchase and restoration of land that connects existing habitat fragments, or that prevents isolation of habitat that would otherwise continue due to habitat loss. **Deadline: Rolling.**

[Cedar Tree Foundation](#)- Letters of Inquiry Accepted at Any Time. Areas: Environmental Education, Environmental Health, Sustainable Agriculture.

[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](#)-Everyday Young Heroes are 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.**

[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.

[Niagara Falls National Heritage Area](#) supports important projects and programs throughout the National Heritage Area with the long- term goal of realizing community betterment. Grants are targeted to fund projects or programs that directly relate to the [Niagara Falls National Heritage Area Management Plan](#).

[World We Want Foundation](#) is accepting applications from organizations that represent youth making positive social change in their communities and around the world. Grants of up to \$5,000 will be awarded to youth between the ages of 13 and 25 who want to make a difference. 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. Applications are currently being accepted for the Healthy Homes Initiatives, Transportation and the Built Environment Initiative and the Healthy Food Initiative. 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. Take the [Eligibility Quiz](#) to see if you can apply.

[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.

[The Pollination Project](#) seeks to unleash goodness and expand compassion all over the world. We make daily seed grants to inspiring social change-makers who are committed to a world that works for all. We support passionate, committed people with an early-stage social change vision. We fund individuals and community groups, and you do not need to be a registered or established organization to apply.

[Shell Foundation Grant](#)—Programs that restore critical ecosystems, address water, air quality research, preserve wetlands and sponsor wetlands initiatives. Deadline: **Rolling**.

[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**.

[Disney Conservation Fund: Rapid Response Grants](#)—Nonprofits and academic institutions located in the US. Projects which help animals during emergencies and natural disasters through its Rapid Response Fund. Deadline: **Rolling**.

[Patagonia Environmental Grants](#)- We are most interested in making grants to organizations that identify and work on the root causes of problems and that approach issues with a commitment to long-term change. Because we believe that the most direct path to real change is through building grassroots momentum, our funding focuses on organizations that create a strong base of citizen support. Deadlines: **April 30 and August 31**.

Employment and Internship Opportunities

[Buffalo Niagara Waterkeeper Director of Planning](#)- works to advance the mission of Buffalo Niagara Waterkeeper, while supporting the goals and objectives of the planning team under the direct supervision of the Deputy Executive Director. Deadline: **October 14**.

[WSP Planner, Buffalo](#)-Senior Planning position. Deadline: **Review begins immediately**.

[Aquarist I](#)-Aquarium of Niagara-This position is responsible for taking an essential role in developing and providing innovative, attractive, educational and scientifically accurate living and non-living exhibits and displays that both support and reflect the educational goals and mission statement at the Aquarium of Niagara. The Aquarist I primary objective and responsibility is to function in primary and supportive roles in all animal care and husbandry including diet preparation, facility/habitat maintenance, accurate record keeping, and animal observations. Deadline: **November 1**.

[Nutrition Educator Position](#)-Cornell Cooperative Extension of Chautauqua County, located in Jamestown NY, has an opening for a full-time (40 hrs per week) EFNEP Nutrition Educator.

[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. The Clean Air Coalition's internships are ideal for highly motivated individuals looking to deepen and practice their skills engaging community leaders in solving environmental health and justice organizations.

[Service Collaborative of Western New York Vista Positions/Americorps](#)-Opportunities for paid community involvement. Check out the available opportunities and eligibility. Some positions are summer only, so apply now.

[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.

Citizen Science

[FrogWatch USA™](#) is a citizen science program of the Association of Zoos and Aquariums that invites individuals and families to learn about the wetlands in their communities and help conserve amphibians by reporting data on the calls of local frogs and toads.

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

Upcoming Community Activities:

Monday, October 1

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Buffalo Maritime Center, 90 Arthur St. <https://slowrollbuffalo.org>

Jeopardy Herb Contest-6:30pm at Clearfield Library, 770 Hopkins Rd., Amherst. Free. For info, contact caharlos@verizon.net.

Bowmansville Garden Club-7p.m. at the Bowmansville Fire Hall, 36 Main St., Bowmansville. Lyn Chimera, Master Gardener from Cornell Cooperative Extension, will provide information on eco-friendly gardening and native plants as well as how to garden without harming the environment. If you are interested in attending this meeting and/or joining the Bowmansville Garden Club, please call or email Lynne Lowery at 716-685-8753 or llowery@sprintmail.com.

Tuesday, October 2

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm for a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <http://imaginelifelonglearning.com/category/lecture-series/library/>

Genesee County Master Gardeners Garden Talk- from 12:15 p.m. to 12:45 p.m. on the first Tuesday of the month at the Cooperative Extension office, 420 E. Main St., Batavia. The events are free. No registration is necessary. Take your lunch. Talk is "A Witches' Garden" Witches were once considered wise women and healers. They used plants they grew or found in their environment to cure ills as well as cast spells. You too may have your very own witch's garden. Explore the folklore and plants of the witch.

Volunteer Tour Guide Training-9:00am - 04:00pm. Volunteer tour guides are needed select weekday mornings to lead Pre-Kindergarten through 12th grade students on Tiff's trails. Tour topics include natural habitats, life cycles, Native Americans, and more, but volunteers only need a love of the outdoors and a genuine interest in working with students. Bring a friend! *Advance registration required by September 30.* Ages: 18+. [Register.](#)

Wednesday, October 3

SciNight Workshop: Diving into your DNA- (18+age), 6:30 PM - 8:00 PM. Create a necklace with your own DNA while having a thoughtful conversation on human genome and DNA testing. Special guest: Dr. Omer Gokcumen, head of the Gokcumen Lab for Evolutionary and Anthropological Genomics at SUNY Buffalo. In partnership with UB Genome Environment and Microbiome Community of Excellence (GEM). Cost: \$15 per participant (10% discount for BMS Members). Register at <https://13520.blackbaudhosting.com/13520/Diving-into-Your-DNA>

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at NYS Thruway Authority, 455 Cayuga Rd., Suite 800, 14225. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#).

Smithsonian Institution Lecture at Science Museum-7 p.m. | FREE with Museum Admission. Join the Houghton Chapter of the NYSAA and the Buffalo Museum of Science for a special lecture from Dr. Douglas W. Owsley of the Smithsonian Institution on life and death in the 17th century Chesapeake. Seating first come, first served. For more information on Dr. Owsley or his special lecture, click [here](#).

Buffalo Meets: Casa Azul – Join us at Casa Azul for Working For Downtown’s premier social event, Buffalo Meets. We’re putting together some of Buffalo’s most interesting venues with Buffalo’s most interesting people and companies. The event will run from 5 – 8PM and is hosted by Bank on Buffalo. 128 Genesee St., Buffalo 14203. [Click here to reserve your space](#)

Cold & Flu Care with WNY Plants-Jamestown Community College, Dunkirk (North) campus, 6:30pm - 8:30pm. Cold and flu season is upon us. Luckily, Western NY lawns, creeks and gardens offer an abundance of local plants that can help. Studies and tradition have shown that herbs like elderberry, echinacea, boneset, thyme and more can help with cold and flu prevention, and/or reduce the severity and duration of sickness. Learn to identify or cultivate these plants, and how to safely and effectively use them for a healthy winter season. Cost: \$49. Samples and recipes will be offered, and each participant will take a bag of dried elderberries for preparing their own tea or elderberry syrup at home. Click [here](#) for registration.

Thursday, October 4

Thursday Evening Stress Reducer Paddle on Lake Ontario-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. All are welcome, if you have your own boat (canoe or kayak), there is no charge. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent, cost for a solo boat is only \$30.00 per boat or \$40.00 for a tandem and we will bring to Wilson. The boat rental includes paddle(s) and PFD(s). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF RENTING CALL: 716-213-0350.

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Environmental Racism Workshop- 6pm - 8pm at [429 Plymouth Avenue](#) in Buffalo.

‘Beyond Fatalism: Resistance and Resilience to Climate Change’-2:00-3:30pm at Niagara University Galisano Center for Integrated Sciences, Room 101, Lewiston, NY [[Map](#)]. Presenter is Tim DeChristopher. As a graduate of the Harvard Divinity School, Tim’s work combines environmental activism and religious thought.

Orchard Park Garden Club Meeting-11:30 a.m. at the Orchard Park Presbyterian Church, 4369 S. Buffalo St., Orchard Park. Sign-ups begin at 11:30 a.m., refreshments at noon and the program at 12:30 p.m. The program will be “Iron Chef-Flower Design Style.” Similar to the Iron Chefs on TV that create interesting dishes, club members will create interesting and beautiful floral designs in competition on the spot. Designs will be critiqued by accredited flower show judges. Co-chairs are Marianne Eimer, Mary Ann Agnello and Linda Mucyn.

Friday, October 5

Buffalo Geological Society Meeting- 7:30pm at the Heritage Discovery Center, 100 Lee Street, Buffalo, NY 14210. Speaker- Dr. Rick Batt. The topic is Geomorphology of Alaska: Nine Years Later. [Info](#).

World on Your Plate-Conference focusing on food, nutrition, environment, farming and politics. Daemen College Wick Student Center, 4380 Main St., Amherst. 5-9pm plus events on Saturday. Register at www.worldonyourplate.org or tickets at the door. Free to students that pre-register and have id. Tickets include meals and activities.

Enchanted Forest – Enjoy an evening walk through our magical woods to meet the animals (portrayed by costumed interpreters) that call Beaver Meadow their home. Fun for the whole family, the Enchanted Forest is an experience you will remember for a lifetime! Crafts, games, basket raffle, donuts, cider and more! Pre-registration and payment is required. Time slots for reservations begin at 6pm, 7pm, and 8pm. \$9/\$8 BAS Members. Call 585 457-3228.

Saturday, October 6

World on Your Plate-Conference focusing on food, nutrition, environment, farming and politics. Daemen College Wick Student Center, 4380 Main St., Amherst. 8:30am to 4pm plus events on Friday. Register at www.worldonyourplate.org or tickets at the door. Free to students that pre-register and have id. Tickets include meals and activities.

HHW & Pharmaceuticals Drop-off Event-10:00am-2:00pm at [758 Erie Ave. Tonawanda, NY](http://www.758erieave.com)
This drop-off location is the North Tonawanda DPW. Participation by appointment only. [Register.](#)

Observatory at Beaver Meadow – Dusk. The Buffalo Astronomical Association will show visitors the illuminated night sky. Open rain or shine. Visitors are invited to bring their own equipment for viewing. Donations gratefully accepted.

Canoe Trek-9am to 1 pm at Knowlesville Rd. bridge, Iroquois National Wildlife Refuge. Register with Rick Allen at 716-445-9685. http://www.friendsofiroquoisnwr.org/documents/2018_IO_Fall-Winter.pdf

Enchanted Forest – Enjoy an evening walk through our magical woods to meet the animals (portrayed by costumed interpreters) that call Beaver Meadow their home. Fun for the whole family, the Enchanted Forest is an experience you will remember for a lifetime! Crafts, games, basket raffle, donuts, cider and more! Pre-registration and payment is required. Time slots for reservations begin at 6pm, 7pm, and 8pm. \$9/\$8 BAS Members. Call 585 457-3228.

Behind the Scenes- 1:00 p.m. – 2:30 p.m. Ages: Families with children ages 6 and up. This workshop is an exciting experience that gives you and your family a once-in-a-lifetime chance to go behind closed doors at the Buffalo Zoo! Meet zookeepers as we visit three exhibit areas to learn the daily routine of preparing animal diets, observing behavior, training and more. <https://buffalozoo.org/single-experience/wild-workshops/>

Horticultural Classes-11am to 1pm at the Buffalo and Erie County Botanical Gardens taught by Horticulturist and Certified Nursery & Landscape Professional (CNLP), David Clark. David creates a very lively and energetic atmosphere for both novice and advanced gardeners. Those who complete each series of six classes will be presented with a certificate of completion. Garden Members \$108/series, \$18/class; General Public \$138/series, \$23/class. [Register.](#) Topic: Shrubs and Trees (with a tree tour). *If registering for individual classes, please note what class you are signing up for in the "Special Instructions" section during checkout.

Penn Dixie Earth Science Day-Join us at Penn Dixie from 9 am to 4 pm, rain or shine, to learn about Western New York's natural history, ecology, and resources through interactive exhibits and demonstrations in a family-friendly setting. Experience hands-on learning in the science tent from groups like The Buffalo Zoo, Botanical Gardens, Bookmobile, Reinstein Woods, SUNY Buffalo Geology, Earth Dimensions, Past & Present Rock Shop, and many more. And — stick around in the evening for a fall stargazing program. <https://penndixie.org/earth-science-day/>

Earth Science Day Stargazing-6:30pm – 9:30pm at Penn Dixie Fossil Park & Nature Reserve, 4050 North St, Blasdell, NY 14219. Our final astronomy program of the season brings us the two planets and the arrival of the autumn constellations. Without a moon, we'll have a clear view of Jupiter, Mars, and Saturn, as well as deep space objects including NGC457 ET Cluster and M31 The Andromeda Galaxy. Admission is FREE to all! No registration needed. <https://penndixie.org/earth-science-day-stargazing/>

Community Service Day-10am to noon. Do you need service hours for school or college? Come out and help work on a project to earn hours. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

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

6th Annual Honey Harvest Festival-If you've ever wondered how honey goes from the beehive to the bottle, stop in to see how it's done! We'll have demonstrations throughout the weekend, free classes on topics like gardening for bees, getting into beekeeping, health benefits of honey, and more! We have a kids' area set up for the little ones, and for the grown-ups there are mead and beer vendors on hand with samples of their honey brews. [Schedule](#). Masterson's Garden Center, Inc. | [725 Olean Rd., East Aurora, NY 14052](#).

Sunday, October 7

Enchanted Forest – Enjoy an evening walk through our magical woods to meet the animals (portrayed by costumed interpreters) that call Beaver Meadow their home. Fun for the whole family, the Enchanted Forest is an experience you will remember for a lifetime! Crafts, games, basket raffle, donuts, cider and more! Pre-registration and payment is required. Time slots for reservations begin at 6pm, 7pm, and 8pm. \$9/\$8 BAS Members. Call 585 457-3228.

Stroll Through Nature-10:30am to noon. [Niagara Falls State Park](#). Take a leisurely walk down the Great Gorge Railway Trail into the gorge, enjoying scenic overlooks along the way. Canine companions are invited to join you on this walk, leashed and under your control at all times. *Call (716) 282-5154 to register for program.*

Hidden Wetlands & Forgotten Trees-10am to noon at [Evangola State Park](#). Take a journey through a forest lost in time as we explore a wetland surrounded by old growth trees. This is an off-trail hike so please bring appropriate footwear. *Call (716) 549-1050 to register for program.*

Young Explorers: Leaf Peepers-2 to 3pm at [Evangola State Park](#). Calling all young explorers! "Peep" into the mysterious lives of trees and their changing leaves. We will walk along the trails to see the fall colors and start your own Evangola leaf collection! *Call (716) 549-1050 to register for program.*

Fall Family Hikes- 9:00 am - 11:30 am, Bond Lake. Summer is almost over and some of the most shared family scenic adventures is by hiking. This adventure is geared for the young at heart. Parents are welcome to join us too! We will explore a different parks every month. Dress for the weather! There is no cost for this family adventure. Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors.

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the preserve. Donations gratefully accepted. To register, call (585) 457-3228. www.buffaloudubon.org

6th Annual Honey Harvest Festival-If you've ever wondered how honey goes from the beehive to the bottle, stop in to see how it's done! We'll have demonstrations throughout the weekend, free classes on topics like gardening for bees, getting into beekeeping, health benefits of honey, and more! We have a kids' area set up for the little ones, and for the grown-ups there are mead and beer vendors on hand with samples of their honey brews. [Schedule](#). Masterson's Garden Center, Inc. | [725 Olean Rd., East Aurora, NY 14052](#).

Wheel Maintenance-Go Bike Buffalo Class from 6-7:30pm. This class will give you the knowledge you need to keep your ride rolling. Students will learn about proper frame, brake, and drive train maintenance as well as how to asses and describe common problems. Students are encouraged to bring their own bicycles to work on. Cost for classes is \$10 and most classes are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend. 98 Colvin Ave., Buffalo.

Monday, October 8

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Groove Lounge, 1210 Broadway Ave. <https://slowrollbuffalo.org>

Invasive Plant Medicine Course- Hamburg Continuing Education, 6pm - 7:30pm

Cost: \$18. [Click here to register](#). WNY is home to many "invasive" plants which have a notable (and often unwanted) presence in the landscape. Luckily, many of these plants are edible and medicinal. In this class, Sarah will help you identify and safely use species like garlic mustard, purple loosestrife, multiflora rose, Japanese knotweed, barberry and more. Cost includes a baggie of herbs to take home.

Octopus Day-10:00am to 2:00pm. World Octopus Day and the Aquarium of Niagara is ready to celebrate! Join us for live enrichment sessions with our Giant Pacific octopus, Babs! Enjoy this special event and encounter firsthand what Babs' trainers do with her during their daily sessions. You will also have the chance to talk to the trainers as they work with her and ask any questions you may have. Live Enrichment Sessions: 11:45am and 1:00pm in Conservation Cove. Experience this special event and more octopus themed activities on Octopus Day! Regular pricing applies, members free.

Tuesday, October 9

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <http://imaginelifelonglearning.com/category/lecture-series/library/>

Adults Only Pumpkin Carving-[Register](#), 7 - 9 p.m. | \$12 per participant*. Bring a friend or two for an adults-only, pumpkin carving party with refreshments, live animals, trivia and music at Tiff! We'll provide all you need to create your own medium-sized pumpkin lantern to be proud of! *Advance registration required by October 8.*

'Pollinator Conservation'-Talk by Jay Burney, executive director, Pollinator Conservation Association. Sponsored by ADK Niagara Frontier Chapter. 7:30pm, Amherst Community Church, 77 Washington Highway, Snyder. Free & open to public.

ADK Education Talk- from 6:30-7:10pm-As hikers, we are always told to carry a map and compass, but what are some of the best ways to use these tools before, after and during a hike? Join us to find out more and practice with your friends. Dr. Jerry Sultz, one of the founders of the Niagara Frontier Search and Rescue Team will give us some basic information on finding compass bearings, using a compass to make sure you are on the right course to your destination, and using a compass to help plan a hiking route. Jerry is also a former chapter chair with plenty of experience hiking locally and in the Adirondacks. He will give us a wonderful perspective! After Dr. Sultz's presentation we will practice taking compass bearings and walking in a given direction, and using a compass and topographic maps to plan a hike. Please bring a compass if you have one! www.adk-nfc.org. Amherst Community Church, 77 Washington Highway, Snyder. Free & open to public.

Kenmore Garden Club- 10 a.m. in Kenmore United Methodist Church, 32 Landers Rd., Kenmore. Joseph Emminger, Town of Tonawanda supervisor, will present "Around the Town," discussing what is happening behind the scenes in Tonawanda, what is planned and what has been accomplished.

Evans Garden Club- 7 p.m. in the Angola Public Library, 34 N. Main St., Angola. Robert Snyder, volunteer at the Buffalo and Erie County Botanical Gardens, will present a slide show on the history of the Botanical Gardens. Enter at the back door of the library. You may use the parking lot.

Wednesday, October 10

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

UB Architecture Lecture Series: Michelle M. Thompson-6:00 PM 7:30 PM at University at Buffalo School of Architecture and Planning 3435 Main Street, Buffalo, NY, 14214. Dr. Michelle M. Thompson, associate professor at UNO PLUS, shows her financial inclusion project which is focused on evaluating the public and private financial policies, tools, and practices (FPTP) that impact the ability for people to increase their personal and family wealth. The New Orleans case study focuses on introducing p3GIS (public and private participation geographic information systems) in a dynamic study of the Neighborhood Development Foundation (NDF) First-time Homebuyer (32 years) and Financial Fitness (12 years) graduates who have purchased homes. This event is free and open to the public. Registration is not required.

Hamburg Garden Club- noon at the Hamburg Community Center, 107 Prospect Ave., Hamburg. Terry L. Skura will give a presentation on the customs and love of Halloween, and the historical symbolism and lore of herbs. She is a former National Garden Club-accredited Flower Show Judge and a member of several garden clubs. Guests are welcome. If you are interested in attending as a guest, please make your reservation at lonabutler4@gmail.com.

Lancaster Garden Club-7 p.m. at St. John's Lutheran Church Hall, 55 Pleasant Ave., Lancaster. "Flowers and Food for Others" will be presented by Sarah Locurto. Attendees can bring canned goods for the church pantry. There will be a workshop on paper flowers for Roswell.

WNY Science and Engineering Fair Kickoff- 4:30 to 6pm at the Buffalo Museum of Science. [Register](#) for giveaways. Science Fair is March 23, 2019-learn tips on designing competitive projects.

Buffalo Talks: Proposing a linear "rail" Park –Noon to 1pm at Central Library. In Buffalo, wildlife is reclaiming an unused rail corridor. For a mile and a half, through the First Ward, the Valley, and the Perry Neighborhood, this land connects the DL&W Terminal in downtown Buffalo near Canalside to the Buffalo River across from Solar City. Since the fall of 2017, the Western New York Land Conservancy has been meeting with neighbors and community leaders to start a conversation about creating an inspiring and environmentally-friendly linear park and multi-use trail along this rail corridor. Come listen to Alicia Fahrner from the Land Conservancy fill us in on where this initiative is currently. [Register](#).

Thursday, October 11

Great Lakes Educator Workshop Series- Discover activities designed to meet new NYSSLS requirements. Anyone who works with kids is welcome! Attend at least three workshops and receive one free in-school program for your classroom or after school program. Registration required, call 716-683-5959. Reinstein Woods Nature Center. 4 to 7pm. Theme: Watershed Connections. For educators of students in grades K-12. (3 CTLE hours provided)

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Western NY Forest Pest Taskforce (WEABTF)- 9:00 am at Erie County Emergency Service Training Center, 3359 Broadway, Cheektowaga, NY 14227. The conference call number is 1-866-742-8060. Enter 8507436#

Invasive Plant Medicine Course- EMPact America, 7615 Seneca St. East Aurora, 6pm - 7:30pm. WNY is home to many "invasive" plants which have a notable (and often unwanted) presence in the landscape. Luckily, many of these plants are edible and medicinal. In this class, Sarah will help you identify and safely use species like garlic mustard, purple loosestrife, multiflora rose, Japanese knotweed, barberry and more. Cost includes a baggie of herbs to take home. **Cost: \$10.** [Click here to register.](#)

WNY PRISM Full Partner Meeting-1:00 pm – 3:00 pm at Great Lakes Center Field Station, Rotary Row Buffalo, NY 14201. This year we will be joined by Dr. Robert Warren, who will present his research on *Myrmica rubra*, the European fire ant. WNY PRISM staff will be providing updates on the Slender False Brome Working Group, Crew Assistance Program, and other local and state invasive species news. We will also discuss WNY PRISM's refunding and what this means for the next five years!

Creating Change: How to be an Effective Advocate- Buffalo Niagara Waterkeeper is leading a free workshop from 6-7pm at the Parkside Lodge in Buffalo. *Make your voice heard! Learn how to effectively participate in the public process of environmental review, and create meaningful change in your community.* Every year, many major projects in our community are required to undergo environmental review to ensure they will not have negative impacts on our shared natural resources. A critical component of this process is public input through comments or public hearings. A free public workshop that will provide you with the tools you need to provide high quality, meaningful input into the projects that affect your community. In this workshop, you will learn to navigate the public process, develop effective methods for providing public comment, and hear about public process successes directly from local community groups. [Register](#)

WNY Herp Society Meeting: Mudpuppy Research Presentation-6:45-8:45pm. Adam Haines will give a fascination presentation about his research involving our local mudpuppy population. Julia Boyer Reinstein Library, 1030 Losson Road, Cheektowaga, NY 14227 <https://www.facebook.com/events/278904176057159/>

Friday, October 12

Buffalo Astronomical Association Meeting-7:30pm at Buffalo State College, Classroom Bldg. C122, 1300 Elmwood Ave., Buffalo. Free. [Info and speaker.](#)

Candidate Meet and Greet Rally-5 to 7pm we're bringing together 7 exciting challengers with good environmental platforms at the Sierra Niagara Endorsed Challengers Meet & Greet Rally – UAW Region 9 Hall, 35 George Karl Blvd., #100,

Saturday, October 13

Wilson Star Search-7 to 11:45pm. Join Buffalo Astronomical Association at Kruger Park, Wilson (weather permitting). <http://buffaloastronomy.com/events>

Nature Discovery Walk-2 to 4pm at Kanyoo Trail, Iroquois National Wildlife Refuge. Register at 585-948-5445. Ideal for kids 5-12. http://www.friendsofiroquoisnwr.org/documents/2018_IO_Fall-Winter.pdf

3rd Annual Go Fly A Kite Festival- 12:00 pm - 3:00 pm. Join the Chestnut Ridge Conservancy at the third annual Go Fly A Kite festival on the sledding hill. The rain date is Saturday, October 20. We'll also be selling small pumpkins that you can decorate in the casino. Bring your own kite, or purchase one from the Conservancy. [Register.](#)

Trailside Art-10:30am. Create ephemeral art inspired by the artist Andy Goldsworthy along the trails and ponds of Reinstein Woods. Registration required; call 716-683-5959 to sign up.

Birding 101: Class 10- 2:30pm. Learn which birds will be in the area for the winter season. For adults and children ages 8 and older. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

Jr. Audubon Club: Saw-whet Owl Banding – 8:30 to 10:30pm. Join Naturalist Tom Kerr and the Junior Audubon Club for a special chance to see Saw-whet Owls being banded as they migrate through Western New York. Saw-whet Owls are the smallest owls in the Northeast and can be very difficult to find during other times of the year! For kids ages 8-16! Pre-registration is required to obtain location information. To register, call (585) 457-3228. www.buffaloaudubon.org Space is limited. Donations gratefully accepted.

Forest Regeneration Project: Mid-Stage Development-10:00 am – Registration, 10:30 am to noon – Program, Lunch, 1pm to 2:30 pm – Woods Walk at Zoar Four Property – Erie County, 14161 Trevett Road, Springville NY 14141. Join the Niagara Frontier Chapter (NFC) of the New York Forest Owners Association (NYFOA), NYS Department of Environmental Conservation (DEC), U.S. Department of Agriculture (USDA), Cornell Cooperative Extension (CCE) of Erie County, and Pioneer Forestry for an informative and enjoyable walk in the woods. Participants will observe the mid-stage of a 10 year Forest Stewardship Plan and learn more about forest regeneration, timber stand improvement, deer management, ticks, and much more. Program is intended for woodland owners with beginner to intermediate knowledge and/or skill, or anyone interested in learning about sustainable forestry practices, forest health, and restoring your woodlot. It will examine basic silviculture principles, including pruning, thinning, and harvesting to manage the stock, density, composition, growth, health, regeneration and overall quality of a forest stand. Additional topics will include cost share programs, deer management, emerging forest pests, and information about ticks, Lyme disease, and other tick-borne illnesses. Free, but please register so we can plan for parking and handout materials. Everyone is invited. Attendees are asked to dress for the weather and wear boots or shoes suitable for walking on woodland trails. Participants are encouraged to bring a hard hat, clipboard, foldable chair, pencil and paper. Lunch will be provided - hot dogs, salad, brownies, and water! REGISTRATION or info: https://reg.cce.cornell.edu/CCEErieWoodsWalk_214 or call Erie County Cornell Cooperative Extension at (716) 652-6400 or Ken Gaines, landowner, at (716) 998-3951. Directions: Please note – GPS directions will NOT lead you to the correct location for the Walk. Follow Route 39 directly to Trevett Road. Head South on Trevett Road for 2 miles. The driveway entrance is just before the CLOSED road barrier.

Celebrate Rainforest Week: Secrets of the Forest – 10am to noon. Join Naturalist Mark Carra on an expedition around Beaver Meadow to learn about the workings of the forests of the world. We'll look for signs of what lives in our forest and talk about what lives in forests all over the Earth. Pre-registration required. \$5. All ages welcome! To register, call (585) 457-3228. www.buffaloaudubon.org

Horticultural Classes-11am to 1pm at the Buffalo and Erie County Botanical Gardens taught by Horticulturist and Certified Nursery & Landscape Professional (CNLP), David Clark. David creates a very lively and energetic atmosphere for both novice and advanced gardeners. Those who complete each series of six classes will be presented with a certificate of completion. Garden Members \$108/series, \$18/class; General Public \$138/series, \$23/class. [Register](#). Topic: Annuals and Perennials. *If registering for individual classes, please note what class you are signing up for in the "Special Instructions" section during checkout.

Teddy Bear Hike-2 - 3:30 p.m. | \$8 per child | All Ages at Tiff Nature Preserve. [Register](#). Calling all teddy bears, dolls and stuffed animal friends! Bring your human companion along for a guided hike on the trails! First we'll decorate our mini hiking sticks, enjoy a snack, and then look for our wild animal cousins on the trail! *Advance registration required.*

Wild Foods of Fall-10:00am-12:30pm at West Falls JP Nicely Park. Come share in the bounty that the Autumn season brings! This program will consist of a gentle hike through fields, forests, and stream borders in search of edible wild plants. Earth Spirit Educational Services. Register at <https://earthspiritedu.org/event-calendar/>

Ellicott Creek Planting and Workshop-Eager to get involved in a native planting event? Learn how to properly plant a tree at a Buffalo Niagara Waterkeeper RestoreCorps event at Ellicott Creek Park from 8 am - 12 pm. After participating in the workshop, put your green thumb to the test and help us plant trees as part of the Ellicott Creek Park Restoration Project from 1 pm - 4 pm. No prior experience is required. Register for [workshop](#) and [planting](#).

Research to Landmark: Niagara County-1pm to 3pm at [Niagara Falls Underground Railroad Heritage Center](#), 825 Depot Ave., W. Niagara Falls. Join Preservation Buffalo Niagara to learn how to nominate historic property for listing on local, state, or national registers. Presentation will guide participants on tools and strategies for researching buildings in Niagara County. Tickets and registration [here](#).

Hike in the Headwaters-Hike with Buffalo Niagara Waterkeeper through the Concord Community Forest and learn about protecting our headwater forests and waterways! Come early and stay late to enjoy a beverage before or after the hike at 42 North Brewing Company. Each ticket includes a shuttle to Concord Community Forest and a free local beer at 42 North Brewing Company. Two times 11am or 1pm. [Tickets](#).

Houseplant and Seed Swap-WNY Seed Library- <https://www.facebook.com/wnyseedlibrary/>, 1pm at 10130 Tonawanda Creek Rd., Clarence Center.

Cayuga Creek Hike, Talk and Cleanup-10am to noon at Cayuga Creek Restoration Site, Elderberry Pl., Niagara, NY 14304. Take a walk with Waterkeeper staff to look at the land and discuss plans for restoration and trails. Meet us at the trailhead on Elderberry Place at 10 am. Enjoy light breakfast foods and drinks with us, walk and talk together, and stay to help clean up the park afterwards if you wish. Please wear long pants and boots as there is poison ivy along the trail. [Register](#)

Celebrate Halloween at the Buffalo Zoo- 5 to 8pm. Join us on Saturday, October 13 (also taking place on Sunday, October 14) and Celebrate Halloween! This is a safe and spooktacular fun event featuring: Trick or Treat Candy Stations, Fun activities and inflatable's, Free Carousel Rides (weather permitting), after-hours access to animal exhibits and keeper talks, Hayrides (additional fee) and more! Each child will receive a "trick or treat" bag upon entry. Tickets are \$15.00 per person (adult and child) for non- members of the Zoo/ \$10.00 per person (adult and child) for members of the Buffalo Zoo (must show ID at entry) and Children 23 months and under are free. There will be family packs available for purchase as well; this consists of 4 tickets for \$50 for non-members and 4 tickets for \$30 for members. Purchase for specific day. **Saturday Ticket Link:** <https://www.eventbrite.com/e/celebrate-halloween-saturday-101318-tickets-49290052875>

Sunday, October 14

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the preserve. Donations gratefully accepted. To register, call (585) 457-3228. www.buffaloodubon.org

The Whirl of Fall-10am to 2pm at [Whirlpool State Park](#). Travel through history and the changing colors of fall on our most challenging trail. We will learn the natural history of the gorge, while traversing beside the class 6 rapids to the trail's end, an old Great Gorge Railway stop with an incredible view of the rapids. *Call (716) 282-5154 to register for program.*

Celebrate Halloween at the Buffalo Zoo- 5 to 8pm. Join us on Saturday, October 13 (also taking place on Sunday, October 14) and Celebrate Halloween! This is a safe and spooktacular fun event featuring: Trick or Treat Candy Stations, Fun activities and inflatable's, Free Carousel Rides (weather permitting), after-hours access to animal exhibits and keeper talks, Hayrides (additional fee) and more! Each child will receive a "trick or treat" bag upon entry. Tickets are \$15.00 per person (adult and child) for non- members of the Zoo/ \$10.00 per person (adult and child) for members of the Buffalo Zoo (must show ID at entry) and Children 23 months and under are free. There will be family packs available for purchase as well; this consists of 4 tickets for \$50 for non-members and 4 tickets for \$30 for members. Purchase for specific day. **Sunday Ticket Link:** <https://www.eventbrite.com/e/celebrate-halloween-sunday-101418-tickets-49295146109>

Bearing Overhauls-Go Bike Buffalo class from 6 to 7:30pm. Bearings help keep bikes rolling. If they are out of adjustment your bike could be in for some serious issues. Learn how to assess, adjust, and overhaul the various bearing systems in a bike. Cost for classes is \$10 and most classes are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend. 98 Colvin Ave., Buffalo.

Fall Festival For Farmed Animals featuring Albert's Birthday-11:00am-4:00pm, [info](#) at ASHA Sanctuary at 2969 Coomer Rd., Newfane NY 14108.

Monday, October 15

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Community Beer Works, 520 7th St. <https://slowrollbuffalo.org>

Tuesday, October 16

Food Preservation Workshops: Introduction to Fermentation-6 to 8pm. The Food Preservation Workshops, led by trained Master Food Preservers, will be a combination of presentations and hands-on group learning experiences. You can sign up for one class or all 6! All course materials are included in the class cost of \$20. All classes are limited to 15 participants, and registration is on a first-come-first-serve basis. There must be a minimum of 10 participants for this class to be held. In this workshop participants will learn the basics of fermentation for home food preservation. Participants will learn how to make sauerkraut. [Click here for more information.](#)

Toddler Time – 10 to 11am. Beaver Meadow Audubon Center. Who Lives in a Tree? – A tree is home for many different animals. Join us in an outdoor investigation of trees! We'll take a short walk, make leaf nests to jump in, make a cool collage craft and eat a yummy snack! Pre-registration is required. \$3. Ages 2-4. Please call 585-457-3228 to register.

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <http://imaginelifelonglearning.com/category/lecture-series/library/>

Implications of Global Sea Rise-CannonDesign, as a part of its annual Environmental Awareness Week (EAW), has invited SBR members & guests to an exclusive conversation with Jeff Goodell about the Implications of Global Sea Rise. Jeff Goodell is a contributing editor for Rolling Stone, frequent contributor to the New York Times Magazine, and a NY Times best selling author. CannonDesign headquarters on Grand Island. Doors open at 12:00 pm for lunch with Jeff's presentation from 12:30 pm to 1:30 pm. After the presentation, Jeff will be available to sign books. [Register.](#)

ReLeaf Workshop: Tree Safety-8:00AM-2:30PM at Emery Park Ski Lodge, [2084 Emery Road, South Wales, NY 14139](#). Keep safe with this review of chainsaw safety, chipper protocols and tree-climbing precautions. The morning will begin with an indoor primer on chainsaw safety and then attendees will rotate through outdoor stations reviewing safety specifics. The workshop is for professionals, municipal staff and community tree enthusiasts and is open to beginners and professionals alike. Register by **October 9** by visiting the [NYS Urban Forestry Council Website](#). For questions call Pat Marren at (716) 851-7046 or Mary Martin at (518) 402-9428.

2018 Preservation Buffalo Annual Meeting- 6 pm at the newly opening Shea's Seneca! Don't miss your chance to be one of the first through the door of this highly anticipated South Buffalo destination and help us celebrate PBN's 10th birthday!. In addition to celebrating the successes of the last year, we'll also approve the election of the Preservation Buffalo Niagara Board of Trustees. RSVP to Olivia at (716) 852-3300, or ocammisa-frost@pbnsaves.org. Not a PBN member, but interested in attending this event? [Join today!](#)

Wednesday, October 17

Home Composting 101- CCE Niagara County, 4487 Lake Avenue, Lockport, New York 14094, 6 to 7pm. Learn about the benefits and uses of compost and the basic methods of how to make your own compost from simple passive composting to faster methods that require more input. A Master Gardener will show and tell you why compost is invaluable for improving your soil. \$15-Pre-Registration required at [here](#)

William C. Vaughan Memorial Lecture-7pm at Buffalo Museum of Science. Dr. Gavin Leighton of the Cornell Lab of Ornithology and SUNY Buffalo State shares his experiences working with social weaverbirds in Namibia and what their staggering apartment-style nests can tell us about social evolution. Free with museum admission.

Buffalo Bonsai Society- 7 p.m. at the Buffalo and Erie County Botanical Gardens administration building, 2655 South Park Ave., Buffalo. The featured speaker will be John Wiessinger. Guests are welcome to attend the meetings for free. Annual memberships with the Bonsai Society are \$25 for an individual and \$30 for a family. More information is available [online](#).

Western NY Rose Society-7 to 9pm at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Drive, Buffalo. The meeting will feature ‘Winterizing your Rose Garden’ presented given by Steve Styn of Western New York Rose Society. Guests are welcome to attend monthly meetings. Information about the Rose Society and membership dues is [available online](#)

Senior Stroll-10am. Experience nature at your own pace, and enjoy a leisurely guided walk through the woods. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Evening Forest Bathing-6:30pm. Enjoy an introduction to this popular health trend with a walk that focuses on the sights, sounds and smells of the forest to induce relaxation while easing anxiety and stress. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Thursday, October 18

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Community University Partnerships- 5:30-7pm. [Buffalo Commons classroom @ 617 Main Street, Suite 300](#). Community-university partnerships are gaining momentum across the country as a powerful force, and necessarily so, as a way to link the variety of resources that each group has and the responsibilities they share in revitalizing communities and fostering meaningful civic engagement. Join us for a dialogue with a national expert on community-university partnerships, learn best practices for universities and community partners, and walk away with tools for toolbox on how to grow the depth of relationships and mutual understanding of all participants. RSVP to buffalocommons@cornell.edu.

Citizens Regional Transit Meeting- 5:30 to 7pm. “The Importance of Transit for Meeting US Target Greenhouse Gas Reductions and Ongoing Efforts to Meet Those Targets”-Presenters: Bonnie Lange Lawrence, Deputy Commissioner Erie County Dept. of Environment and Planning; Doug Funke, President, Citizens for Regional Transit; TBD Representative from the Niagara Frontier Transit Authority (NFTA). Central Library, 1 Lafayette Square, Buffalo, Central Meeting Room (upstairs). Free and open to the public.

Molly Wright Steenson: AI and Stories of Autonomous Landscapes-6:00 PM 7:30 PM at University at Buffalo School of Architecture and Planning, 3435 Main Street, Buffalo, NY, 14214. Part myth, part imaginary, part reality, there are numerous visions of how AI is changing the landscape around us. Yet these ideas have a longer history—one that directly implicates architects and architecture back to the 1960s. In this talk, Molly Wright Steenson traces the history of AI in architecture and looks ahead to its contemporary and future implications. This event is free and open to the public. Registration is not required.

Friday, October 19

Science After Hours: Frankenscience- 6 - 9 p.m. | \$16 per participant* The Buffalo Museum of Science is celebrating the 200th anniversary of Mary Shelley’s *Frankenstein* by discovering the power of electricity, reanimated bodies and secrets to overcoming death. Plus, with live dissections, organ and blood stations, and a look at the most spine-tingling items from the Museum’s Collection, you’ll be sure to get in the Halloween spirit! [Register](#).

Saturday, October 20

Monthly Waterway Cleanups-Buffalo Niagara Waterkeeper last cleanup for the season from 10 am - 12 pm, at one of SEVEN sites as we partner with Labatt USA to cleanup our shorelines and receive a free t-shirt and an invitation to the after-party! [Register](#) for a site.

Horticultural Classes-11am to 1pm at the Buffalo and Erie County Botanical Gardens taught by Horticulturist and Certified Nursery & Landscape Professional (CNLP), David Clark. David creates a very lively and energetic atmosphere for both novice and advanced gardeners. Those who complete each series of six classes will be presented with a certificate of completion. Garden Members \$108/series, \$18/class; General Public \$138/series, \$23/class. [Register](#). Topic: Garden Design. *If registering for individual classes, please note what class you are signing up for in the "Special Instructions" section during checkout.

Spooky (Over)Night at the Museum- 6 p.m. - 9 a.m. | \$42 per participant at Buffalo Museum of Science. Bring your family for an overnight adventure that will include a Museum exhibit flashlight tour and dance party, and (if weather permits) a visit to the newly renovated Kellogg Observatory for the chance to look through the restored Lundin Telescope. [Register](#)

Autumn Tree Trek – 10am to noon. Naturalist Mark Carra will take you on a guided tree hike to experience the beautiful leaves that grace us here at Beaver Meadow. Leaf your cares behind you. Bring your cameras. Preregistration required. \$5. All ages are welcome! Please call 585-457-3228 to register.

North Tonawanda Owl Prowl – 7 to 8:30pm Join Naturalist Tom Kerr for a nocturnal hike through the Klydell Wetlands. We'll be looking and listening for the Eastern-screech Owls that make their home in this forested wetland preserve. Waterproof footwear is recommended. Pre-registration is required to obtain location information. Space is limited. \$7. Please call 585-457-3228 to register.

Tails and Trails Fall Foliage Walk-10am to noon at [Artpark State Park](#). Join a park naturalist and her dog as you set off to explore the history and beauty of this park. Dogs must be leashed and under your control at all times while on the walk. After, your furry friend can run off-leash at the Dog Park in the park. *Call (716) 282-5154 to register for program.*

Fall Foliage Photography Walk-6 to 7:30pm at [Knox Farm State Park](#). From fantastic fall colors to vintage barns- Knox Farm offers many opportunities to test your photography skills! Come for a sunset walk through field and forest. Bring a camera or phone to capture the moment! *Call (716) 549-1050 to register for program.*

Dare to Repair Café-10am to 2pm at Reinstein Woods Environmental Education Center. Free event to divert waste from landfills. Bring items needing repair-no guarantees, but we can try to save money and help the environment. Volunteer fixers are also needed and can contact Reinstein Woods at reinsteinwoods@dec.ny.gov. Volunteer "repair coaches" work alongside event attendees to fix broken items. Even if the repair cannot be made at the event, attendees walk away with the knowledge that they gained during their repair session. Additionally, attendees can bring knives to be sharpened free of charge. Friends of Reinstein Woods will be offering light refreshments for sale while fixers are hard at work.

Sunday, October 21

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the preserve. Donations gratefully accepted. To register, call (585) 457-3228. www.buffaloudubon.org

Fall Family Hikes- 9:00 am - 11:30 am, Lockport Nature Trail. Summer is almost over and some of the most shared family scenic adventures is by hiking. This adventure is geared for the young at heart. Parents are welcome to join us too! We will explore a different parks every month. Dress for the weather! There is no cost for this family adventure. Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors.

Wags and Whirlpool -10am to 1pm at [Whirlpool State Park](#). Want to see the full beauty of the foliage? Want more than an easy stroll? Take our most challenging trail as we travel along the Niagara River to Whirlpool Flats enjoying the challenge and stunning views of the gorge. Dogs are welcome, leashed and under your control at all times, but be advised it is a challenging trail. We do not recommend this for elderly dogs, and we suggest use of a harness. *Call (716) 282-5154 to register for program.*

Yoga and Hiking with Spencer-Owens Falls Sanctuary from 10am to 2pm. \$30. Come join us at the Owens Falls Sanctuary for a wonderful event with Spencer Jones. Owens Falls is a gorgeous hemlock forest surrounding a deep shale ravine, with spectacular views of not one, but two waterfalls that run through it. Don't miss your chance to enjoy a leisurely hike through this remarkable preserve teeming with wildlife, followed by a grounding and invigorating vinyasa yoga class among the hemlocks and maples. Tea and snacks will be served after this one of a kind event and a portion of the proceeds will go directly to benefit the Land Conservancy. Space is limited and preregistration is required. Parking is also extremely limited and carpooling is strongly encouraged. Wear durable footwear and dress for the elements. This event will run rain or shine unless a severe weather emergency occurs. Bring your own yoga mat (your mat will get dirtier than your hands), water, light snacks, a smile, and a friend as we connect the wilderness outside to the wilderness within. [Register.](#)

Field Trip - Batavia Wastewater Treatment Plant-Leader Doug Beattie, (585) 356-3007, sbeattie@rochester.rr.com. Doug Beattie will again lead our group through the famous wastewater treatment plant. This complex is a bonafide birding hotspot and has attracted such gems as Northern Wheatear, Harlequin Duck, Piping Plover and Eared Grebe. In fact, BWWTP is the only reliable location for Eared Grebe in Western and Central NY. This phenomenon has been running for close to a decade now and we hope it continues for this year. Buffalo Ornithological Society trip.

Fall Walking Tour Around the Japanese Garden-10:00 am - 11:00 am. Paula Hinz, Buffalo Cherry Blossom Committee Co-Chair, will bring you on an insightful walking tour around the gorgeous garden to learn about its origins, history and fun facts. This walking tour is FREE for all. We will be appreciative of any donation if you are inspired to do so. [LIMITED SPACES AVAILABLE. CLICK HERE TO SIGN UP!](#)

Drivetrain 101-Go Bike Buffalo class from 6 to 7:30pm, Join us for hands on learning and discussion of different crank types, chain sizes, cassettes, freewheels, derailleurs and shifting. Cost for classes is \$10 and most classes are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend. 98 Colvin Ave., Buffalo.

Monday, October 22

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Ukrainian Civic Center, 205 Military Rd. <https://slowrollbuffalo.org>

Tuesday, October 23

Nature's Art Box: Seed and Spice Mandalas – 3:30 to 5pm at Buffalo Audubon Nature Center. Using recycled CDs and natural materials, participants will observe patterns and colors in nature to create a simple Autumn inspired mandala suitable to hang or make into a magnet. Pre-registration is required. \$7. Ages 8 and up. Please call 585-457-3228 to register.

Little Tykes Mini Nature Camp-9:30 - 11:30 a.m. | \$7 per child with adult* | Ages 3-5. Enjoy a morning of fun and exploration in our early childhood classroom. Storytime, crafts, outdoor investigation and more help to foster the nature explorer in your child. A different theme each month. Kid-friendly snacks provided! *Advance registration required.* [Register](#)

4th Annual Buffalo Farm To School Kick Off & Chef Challenge-4pm to 7pm at BPS School #94 West Hertel Academy- 489 Hertel Ave, Buffalo NY 14207. Please come a celebrate, learn, and eat delicious foods! Local chefs and a team of BPS studnets will compete against each other to create a dish featuring NYS Butternut Squash. The winning dish will be featured on our menu in Jan 2019!!

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <http://imaginelifelonglearning.com/category/lecture-series/library/>

Sierra Club Meeting- 7 to 9pm in Room 35, Duns Scotus Hall, Daemen College, 4380 Main St., Amherst, 14226. All welcome. Check meeting details at <https://niagarasierraclub.com/>

Wednesday, October 24

Full Moon Walk-7:30pm. Search for nocturnal animals and seasonal constellations during the full moon. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

West Valley Citizen Task Force meeting-6:30 PM at Location: Ashford Office Complex, 9030 Route 219, West Valley, NY. Please check back in early October for the Meeting Agenda, <http://westvalleyctf.org/meeting-information/>

Full Hunter's Moon – 7 to 8:30pm. Naturalist Mark Carra will take you on a hike to learn about October's full Hunter's moon. As the animals that stay for the winter prepared for the extreme weather by fattening up and thickening their fur, Native Americans hunted them. Preregistration required. \$5. Please call 585-457-3228 to register. Beaver Meadow Audubon Center.

Wednesday Woods Walk-1 to 3pm at Knox Farm State Park. Head out to the woods for a scenic walk through Knox Farm to enjoy the fall foliage and other autumnal changes. *Call (716) 549-1050 to register for program.*

Full Moon over the Falls-5:30 p.m. – 8:00 p.m. at Knox Farm State Park. With the glow of the full moon to guide us, we will hike to Knox Falls and experience the park during twilight hours. *Call (716) 549-1050 to register for program.*

Full Moon Adventure Series: Harvest Moon- 6 to 8pm at Niagara Falls State Park. Let's use the full moon as a guiding light, on an evening adventure of the night! *Call (716) 282-5154 to register for program.*

Ten Minute Plays: WNY Playwrights Celebrate Buffalo Museum of Science-6:30 - 8 p.m. | FREE with Museum Admission. The collections of the Buffalo Society of Natural Sciences inspire creative works in this festival of 10-minute short plays. See the artifacts and specimens that set the challenge for the playwrights in a special exhibition before and after the performances.

Thursday, October 25

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Climate Justice For All Workshop-6pm - 8pm at [429 Plymouth Avenue](#) in Buffalo.

Great Lakes Educator Workshop Series- Discover activities designed to meet new NYSSLS requirements. Anyone who works with kids is welcome! Attend at least three workshops and receive one free in-school program for your classroom or after school program. Registration required, call 716-683-5959. Reinstein Woods Nature Center. 4 to 7pm. Theme: Life Science Connections with Project Wild. Receive a new Project WILD activity guide. For educators of students in grades K-12. (3 CTLE hours provided)

Friday, October 26

Nature A'Brewing-5:30 p.m. - 9 p.m. | \$7 per participant*. Can YOU make a witch's brew? Join in an indoor family-friendly Halloween celebration at Tiff Nature Preserve! Embark on a guided group journey indoors throughout our Education Center to create a magical brew. Discover what's fact or fiction about the wildlife around you. Hot cider, donuts, popcorn and kid's crafts too! *Advance registration and prepayment required. Recommended for ages 5 to adult. Costumes encouraged. (Boy and Girl Scout Groups-Only Night on Thursday, October 25).* [Register](#)

Saturday, October 27

Creepy Critters-10:30am. Reinstein Woods Nature Preserve. Come have fun learning about bats and owls through stories, activities and crafts. For children ages 4-8. Registration required; call 716-683-5959 to sign up.

PUSH Buffalo Monthly Meeting- 3pm - 5pm at School 77, [429 Plymouth Ave](#) in Buffalo.

Autumn's Blessings-10:00am-12:30pm at Amherst State Park. Experience the changes that occur through the Autumn season by exploring old orchards, mixed age forests, meadows, and a beautiful creek. Register at <https://earthspiritedu.org/event-calendar/>. *Please dress for the weather! More info will be sent out prior to the program.*

Wildlife Appreciations and Education Day- ECC North, 9:30am – 3:30pm, Kittinger Hall – Lecture Hall K-100 Join the Citizen Coalition for Wildlife and Environment, Science Demands Action, and other local organizations for workshops, speakers, and children's activities at Erie Community College North Campus. <https://www.facebook.com/ccweinfo/>

Special Electronics Waste Collection Event-ECC South **by Registration Only** <<[click here](#)>> to reserve a time slot or more information.

Trick or Treat Adventure Hike – 1 to 3pm. Come to celebrate Halloween dressed up in full costume. Bring your little ones (although anyone of any age can participate.) We'll search out fun places at Beaver Meadow and collect treats as we go and end up at the nature center for cider and donuts. Come for a fun time! Pre-registration is required. \$5. Please call 585-457-3228 to register.

Beaver Meadow Owl Prowl – 7 to 9pm. Join Naturalist Tom Kerr as we take a nocturnal hike in search of the Owls that call Beaver Meadow their home. We'll be looking and listening for Eastern Screech-owls and Barred Owls. Pre-registration is required. Space is limited. \$7. Please call 585-457-3228 to register.

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

Halloween Happenings at the Aquarium of Niagara- 3:00pm to 6:00pm. Join us for our annual Halloween Happenings event! Enjoy a Halloween themed sea lion show, special penguin and seal presentations, games, crafts and fun trick or treat stations! This event is so popular that this year we have expanded it to two days! We want to make sure that everyone can enjoy the Aquarium this Halloween! As always, children in costume are free and adults are \$10! *Event pricing only available during the specified event times. Members free.

Horticultural II Classes: Soil Science for Gardeners - Buffalo & Erie County Botanical Gardens. 11am to 1pm. Join us for an entertaining garden education with David Clark, Horticulturist & CNLP. David is fast becoming one of the country's noted garden speakers! These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate of completion. Garden Members \$108/series, \$18/class, General Public \$138/series, \$23/class.

Spooktacular 2018-10am to 4pm at Niagara Power Vista. Enjoy free, fun Halloween games, activities, treats and the annual Costume Contest. Save the date and bring the whole family!

Sunday, October 28

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the preserve. Donations gratefully accepted. To register, call (585) 457-3228. www.buffaloaudubon.org

Halloween Happenings at the Aquarium of Niagara- 1:00pm to 4:00pm. Join us for our annual Halloween Happenings event! Enjoy a Halloween themed sea lion show, special penguin and seal presentations, games, crafts and fun trick or treat stations! This event is so popular that this year we have expanded it to two days! We want to make sure that everyone can enjoy the Aquarium this Halloween! As always, children in costume are free and adults are \$10! *Event pricing only available during the specified event times. Members free.

Trek or Treat: Haunted History Hike-1 to 3pm at Devil's Hole State Park. Join a park naturalist to discuss urban legends, myths, and the strange historical events of Devil's Hole while hiking in the gorge and witnessing the foliar splendor. *Call (716) 282-5154 to register for program.*

Fix a Flat-Go Bike Buffalo class from 6 to 7:30pm at 98 Colvin Ave, Buffalo. Learn the ins and outs of fixing a flat. Includes hands on instruction on tube patching and tube and tire removal and reinstallation. We will also discuss different types of punctures as well as flat prevention. Cost for classes is \$10 and most classes are limited to 10 people. RSVP to stacy@gobikebuffalo.org at least 2 days prior to class.

Monday, October 29

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Flying Bison Brewery, 840 Seneca St. <https://slowrollbuffalo.org>

Tyler Street Community Garden-6pm, workday at their garden in University Heights! They will provide all tools and gloves. For more information and to RSVP, please follow link: [here](#)

Tuesday, October 30

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <http://imaginelifelonglearning.com/category/lecture-series/library/>

Invasive Plant Medicine Course- Frontier Community Education from 6:00pm – 8:00pm. Cost: \$18. [Click here for registration info.](#) WNY is home to many "invasive" plants which have a notable (and often unwanted) presence in the landscape. Luckily, many of these plants are edible and medicinal. In this class, Sarah will help you identify and safely use species like garlic mustard, purple loosestrife, multiflora rose, Japanese knotweed, barberry and more. Cost includes a baggie of herbs to take home.

Wednesday, October 31

Happy Halloween!

Thursday, November 1

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Saturday, November 3

Stories in the Woods-10am. Enjoy hearing a nature story, followed by a guided walk in the woods. For children ages 3 to 7. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

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

Wildlife Ecology & Surveys-10:00am-12:30pm at Chaffee Preserve. A moderately challenging hike through mature forests with a focus on wildlife adaptations, behaviors and general ecology. Participants will also assist in an ongoing wildlife survey for the Preserve. Registration. E-mail programming@earthspiritedu.org or call (716) 941-6267 to register. FREE of charge. Sponsored by Waste Management of Chaffee.

Saturday, November 3

Just Pawing Around-10am to noon at Niagara Falls State Park. Join a park naturalist and her furry four-legged companion as you set off to explore the history and beauty of this park. Dogs must be on a leash and under your control at all times while on the walk. *Call (716) 282-5154 to register for program.*

Horticultural II Classes: Advanced Propagation Techniques - Buffalo & Erie County Botanical Gardens. 11am to 1pm. Join us for an entertaining garden education with David Clark, Horticulturist & CNLP. David is fast becoming one of the country's noted garden speakers! These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Those who complete each series will be presented with a certificate of completion. Garden Members \$108/series, \$18/class, General Public \$138/series, \$23/class.

Autumn Tree I.D. Hike-10am to 12:30pm at Knox Farm State Park. A hike through the fall woods to learn some basic tips and tricks that will help you identify trees, even after they have lost their leaves! *Call (716) 549-1050 to register for program.*

Magnificent Moss-2 to 4pm at Knox Farm State Park. Enjoy the crisp autumn air as we explore the mysterious yet magnificent world of moss! *Call (716) 549-1050 to register for program.*

Cranksgiving-12 to 5pm. Join us for our 7th annual Cranksgiving to benefit Buffalo Food Not Bombs! Cranksgiving is a food drive on two wheels. Part bike ride, part food drive, part scavenger hunt. Bring a bike (any bike will do), a bag, a lock, a helmet and about \$10-15 to buy food. All of the food collected at grocery stores will be donated to Buffalo Food Not Bombs. Riders will receive a manifest with a list of grocery stores around the city to visit and food items to purchase. Participants will bring their completed purchases to the GObike workshop. Families and teams (limit 4 people per team) along with individual riders are encouraged to enter. Being fast is not a requirement! Trophies/Prizes will be awarded and refreshments will be had at the after party at the GObike workshop (98 Colvin Ave) at 3 p.m. The after party is free for riders, but we ask that non-riders bring a donation of 4 vegan non-perishable food items or \$5. Registration will take place at Lafayette Square beginning at noon; the ride starts promptly at 1 p.m. *Please note that the ride does not begin and end at the same location.

Tips for the Environment:

- 1. Halloween can have a large "footprint"**- Disposable costumes, candy with lots of packaging, plastic decorations etc. can have an impact. Consider your choices. If you use straw bales, corn stalks and/or pumpkins, compost them or spread straw around plants rather than sending to a landfill.
- 2. Use or recycle your leaves**- Those fallen leaves have nutrients that can nourish your soil, compost or be used by municipalities for mulch. Try to avoid bagging them, particularly in plastic. Sent to a landfill, they will have no nutritional benefit and will occupy space.

Remember the 4 R's: Reduce, Reuse, Recycle, Repair

By Lesley Haynes

Greetings to my readers:

There are many efforts being made around the country to encourage people to stop using plastic straws. Today I am highlighting a few of the efforts being made to make our world a safer place.

In Sacramento, Calif., people who want straws with their drinks at California restaurants will have to ask for them under a new state law. The law signed last week by Gov. Jerry Brown makes California the first state to bar full-service restaurants from automatically giving out single-use plastic straws. It takes effect next year.

The law does not ban plastic straws outright like some cities have. Restaurants that do not comply will get two warnings before being fined up to \$300 per year. It will apply only to full-service restaurants, not fast food establishments. Democratic lawmakers who support the law call it a small step toward reducing ocean pollution. Critics argue California's new law is government overreach that won't significantly improve the environment. Some say restricting straws hurts disabled people who rely on them.

First State to Regulate Plastic Straws:

California became the first state in the U.S. to ban plastic straws in dine-in restaurants. The law, which will enter into force Jan. 1, prohibits restaurants from providing straws unless a customer requests one. It covers only sit-down eateries, not fast food restaurants, delis or coffee shops.

"It is a very small step to make a customer who wants a plastic straw ask for it," Brown said as he signed the bill. "And it might make them pause and think again about an alternative. But one thing is clear, we must find ways to reduce and eventually eliminate single-use plastic products." The law, Assembly Bill 1884, was passed by the state legislature in late August. Restaurants who violate the law could be fined \$25 per day and up to \$300 per year, CNBC reported. The law comes as various cities and companies, including California cities like San Francisco, Alameda, Oakland, Berkeley, Carmel, Davis and San Luis Obispo have also passed restrictions on the use of plastic straws, the San Francisco Chronicle reported. The move was supported by some of the same groups who supported the state's ban on plastic bags, which was solidified by a voter referendum in 2016.

In his signing statement, Governor Brown focused on the impact that all single use plastics have on the oceans. He wrote that plastics are estimated to kill millions of marine animals, referencing the story of a whale that washed up dead in Thailand with 80 plastic bags in its stomach, and that microplastics have also been found in tap water.

"Plastics, in all forms—straws, bottles, packaging, bags, etc.—are choking our planet," he wrote. Plastic straws and stirrers are the sixth most prevalent form of trash found on California beaches, according to the California Coastal Commission, the San Francisco Chronicle reported. We know that this is not going to fix the global problem of plastic. For that, we need to go higher up the supply chain, rethinking when and how we produce plastics across the board.

"Some people who need straws may have an invisible disability or illness, and they should be able to receive a straw without being judged or asked if they 'really' need it," the Mighty disability editor Karin Willison told the Los Angeles Times,

I will write more on this topic next month, meanwhile, think about it and let me know what you think of the new laws. Would you like this law in your community? E-mail me and let me know.

Together we can make a difference"

Lesley Haynes – lesleyhaynes14@yahoo.com

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Queen City Farms- Contact Meghan at meghmccallum@gmail.com. Remember that families with children are always welcome with parental supervision.

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>.

Science Firsthand needs adult mentors to work with children in learning about science. All materials are provided. Mentors and students meet one hour per week after school at a community center. For info, call 858-7548.

Slow Roll Buffalo- our volunteer squad of more than 120 serve 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, please submit an [application!](#)

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

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

<http://www.buffalospree.com>

<http://www.exploreny.net/events.php3>

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

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

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

<http://buffalorising.com>

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

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

Additional local blogs and websites-

Buffalo Barn Raisers- <http://www.buffalobarnraisers.com/>
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/>
Daily Public- <http://www.dailypublic.com/>
Dept. Environmental Conservation Calendar- <http://www.dec.ny.gov/calendar/>
DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>
Edible Buffalo- <http://ediblebuffalo.wordpress.com/>
Erie Cattaraugus Rail Trail- <http://www.ecatrail.org/>
Fix Buffalo- <http://fixbuffalo.blogspot.com/>
Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>
GBNRTC-<http://www.gbnrtc.org/blog/>
Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>
Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>
Learning Sustainability Campaign- <http://www.learningsustainability.com/>
Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>
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>
Good Neighborhood- <http://thegoodneighborhood.com/>
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
All about Nature- <http://www.meetup.com/All-About-Nature-in-WNY/>
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- www.k12.ginet.org/resources.cfm?subpage=6518
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>
Rochester Roots-<http://www.rochesterroots.org/>
SOLE of Buffalo- <https://www.facebook.com/pages/SOLE-of-Buffalo/242409525795420>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
South Buffalo CREW- <http://www.southbuffalocrew.com/>
U Save Buffalo/Recycling- <http://www.facebook.com/USaveBuffalo>
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>
WGRZ Outdoors- <http://www.wgrz.com/local/2-the-outdoors/>
Citizen Science Opportunities- [listing](#)

New York State Resources

Geographic Information Gateway <http://opdgig.dos.ny.gov/#/home>

Green Jobs, Internships and Opportunities

Environmental Internships-<http://environmentalinterns.ncseonline.org/>

Green Jobs- <http://www.greatgreencareers.com> , <http://www.greenjobs.com/>

UB Green Job list- <http://www.ub-careers.buffalo.edu/green.php>
Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

Youth Summer/Holiday Camps/Home School Series

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

Education Resources

[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](#)

Grant Opportunities/Tools

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

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

Arden Farm- <http://theardenfarm.com/>
Becker Farms- <http://www.beckerfarms.com/csa>
Buffalo Organics/Foodscaping Project-<http://www.buffalofoodscaping.com/>
Canticle Farms-<http://www.canticlefarm.org>
Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>
Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>
Dispenzas Meat Market and CSA- <https://dispenzas.com/>
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/>
Good Food Farm- www.goodfoodfarm.blogspot.com
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Green Heron Growers- <http://www.greenherongrowers.com/>
Green Shoots- [www.jersbuffalo.org/index.php/programs/category/Green Shoots for New Americans](http://www.jersbuffalo.org/index.php/programs/category/Green_Shoots_for_New_Americans)

Greg's U-Pick- <http://gregsupick.com/>
Groundwork Market Garden- <http://www.groundworkmg.com>
Harvest Patch- <http://www.harvestpatch.com/>
Kindred Kreek Farms- <https://www.kindredkreek.com/>
McCollum Orchards/Wildwood CSA- <http://www.oudfarmnewlife.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/>
The Promised Land- <http://promisedlandcsa.com/>
Providence Creek Farm- <http://www.providencecreekfarm.com/>
Richardson Farms/Grace's Garden- <https://www.facebook.com/groups/RichardsonFarmsAkronNY/>
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
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
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>

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
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/>
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/>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking dropoffs
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
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)

Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>
Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>
Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>
Hazardous Household materials- <http://www.hazmanusa.com/>
Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,
Ink cartridges-RecyclePlace.com and most manufacturers
Mattresses- <http://triadrecycle.com/mattress/> Hazman, Buffalo ReUse ReSource
Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf
Needles, Syringes etc.- <http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access>
Packaging Materials (bubble wrap, peanuts)-UPS Store
Pharmaceuticals-dropoff sites at [map](#)
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448
Recycling A to Z - realsimple
Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com
Sports equipment-resell/trade at www.playitagainsports.com
Styrofoam- Thermal Foams, Inc. fors clean, white Styrofoam at 2101 Kenmore Ave., 14207. Call first at (716) 874-6474.
Tennis balls- <http://www.rebounces.com/recycle/>
Toys, plastic- http://dmpgreen.com/mail_in.html
Uses and reuses for many items- <http://www.world.org/weo/recycle>
Water filters-Brita partners with preserveproducts.com/recycling
Wetsuits- <https://www.sugamats.com/recycling/>, <https://www.greengurugear.com/pages/recycling-to-upcycle-program>

Eco-volunteering with Travel:

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

Education Courses 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

Miscellaneous:

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](#)

Videos/Websites

[Better Than Ed](#)-Video series with Actor Ed Begley encouraging environmentally-friendly practices.
[EJSCREEN](#) is an environmental justice mapping and screening tool.
[Local Foods, Local Places Toolkit](#) to help communities develop their own plans for setting and achieving local food and revitalization goals.
[Archived EPA Climate Change Info.](#)
www.epa.gov/climate-indicators.
[Guide to help schools reduce food waste](#)
[Tool for Sourcing Local Meat](#)
[Click here to watch the Know Your Food videos.](#)

[iMATTER Youth Movement to Spark Change](#)

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

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

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

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

[2018 Fuel Economy Guide](#)

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

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

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| Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June | http://adk-nfc.org/ |
| AIA Buffalo Western NY | https://www.aiabuffalowny.org/ |
| Air and Waste Management Association | https://awmanfs.wildapricot.org/ |
| Allegany Nature Pilgrimage | http://alleganynaturepilgrimage.com/ |
| Alliance for the Great Lakes | www.greatlakes.org |
| American Planning Association-WNY Section/Upstate | www.wnyapa.com |
| American Meteorological Society-WNY Chapter | www.facebook.com/amswnychapter |
| Amherst State Park Arboretum | http://www.amherststatepark.org/ASP/Welcome.html |
| Animal Advocates of Western New York | http://www.animalswny.org/ |
| Aquarium of Niagara | www.aquariumofniagara.org |
| Asha Sanctuary for Rescued Farm Animals | http://www.ashasanctuary.com/ |
| AWARE-Assoc. for Wild Animal Rehabilitation & Education | http://www.awarewildlife.com/ |
| Bergen Swamp Preservation Society | http://www.bergenswamp.org/ |
| Bless the Beasts Foundation | http://blessthebeastsinc.webs.com/ |
| Bond Lake Environmental & Beautification Committee | http://www.freewebs.com/bondlake/ |
| Braddock Bay Bird Observatory | http://braddockbaybirdobservatory.wordpress.com/ |
| Buffalo Architecture Foundation | http://www.buffaloarchitecture.org/ |
| Buffalo Astronomical Association | http://buffaloastronomy.com/ |
| Buffalo Audubon Society/Beaver Meadow Nature Center | www.buffaloudubon.org |

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| Buffalo Niagara Community Reinvestment Coalition | https://www.facebook.com/BNCRC/ |
| Buffalo Niagara Gardening | https://buffalo-niagaragardening.com/ |
| Buffalo and Erie County Botanical Gardens | www.buffalogardens.com |
| Buffalo Farm to School Program | http://buffalofarmentoschool.org/ |
| Buffalo Geological Society | www.bgsny.org |
| Buffalo Green Code | http://www.buffalogreencode.com/ |
| Buffalo Heritage Carousel | http://buffaloheritagecarousel.org/ |
| Buffalo in Bloom | http://www.buffaloinbloom.com |
| Buffalo Maritime Center | http://www.buffalomaritimecenter.org/ |
| Buffalo Museum of Science | www.sciencebuff.org/ |
| Buffalo Niagara Waterkeeper | https://bnwaterkeeper.org/ |
| Buffalo Olmsted Parks Conservancy | www.bfloparks.org |
| Buffalo Orienteering Club | http://www.buffalo-orienteeing.org/ |
| Buffalo Ornithological Society | http://www.buffaloornithologicalsociety.org/ |
| Buffalo Recycles | http://buffalorecycles.org/ |
| Buffalo ReUse | www.buffaloreuse.org/ |
| Buffalo Urban Development Corp | http://budc.ecidany.com/ |
| Buffalo Zoo | www.buffalozoo.org |
| Burchfield Nature and Art Center | http://www.burchfieldnac.org/ |
| 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/ |

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| Citizens Campaign for the Environment | www.citizenscampaign.org |
| Citizens Coalition for Wildlife and Environment | http://citizencoalitionwe.com/ |
| Citizens for Regional Transit | www.citizenstransit.org/ |
| City Action Corps | www.cityactioncorps.org |
| Clarence Bluebird Trail | www.clarencebluebirdtrail.org |
| Clean Air Coalition of Western New York | http://www.cacwny.org/ |
| Clean Communities of Western New York | http://www.ccofwny.org/ |
| Coalition of Positively Charged People | https://www.coalitionpositive.org/ |
| Community Action Organization of Erie County | http://www.caoec.org/ |
| Community Foundation for Greater Buffalo | http://www.cfgb.org/ |
| Cornell Cooperative Extension for Cattaraugus County | http://chautauqua.cce.cornell.edu/ |
| Cornell Cooperative Extension for Erie County | http://counties.cce.cornell.edu/erie/ |
| Cornell Cooperative Extension for Niagara County | http://counties.cce.cornell.edu/niagara/ |
| 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/ |
| Earth Spirit Educational Services | www.earthspiritedu.org |
| Environmental Education Associates | http://environmentaleducation.com/ |
| Environmental Protection Agency Local Office (716) 551-4410 | http://www2.epa.gov/aboutepa/epa-region-2 |
| Erie Canal Harbor Development | http://www.eriecanalharbor.com/ |
| Erie County Community College Going Green | http://eccgoinggreen.ecc.edu/index.html |
| 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/ |

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| Erie County Farm Bureau | http://www.ecfarm.com/ |
| Erie County Federation of Sportsmen's Clubs | http://www.eriectyfsc.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/ |
| Fillmore Forward | www.fillmoreforward.org/ |
| First Hand Learning | www.firsthandlearning.org |
| Food Policy Council of Buffalo & Erie County | http://www2.erie.gov/fpc/ |
| For A Clean Tonawanda Site | www.factsofwny.com/ |
| Foundry | http://thefoundrybuffalo.org/ |
| Friends of the Iroquois National Wildlife Refuge | http://www.friendsofiroquoisnwr.org/ |
| Friends of Reinstein Woods | http://reinsteinwoods.org |
| Friends of Times Beach Nature Preserve | http://www.friendsoftimesbeachnp.org/ |
| Foothills Trail Club | www.foothillstrailclub.org |
| Gardens Buffalo Niagara | https://gardensbuffaloniagara.com/ |
| Garden Clubs of WNY | www.gardenclubsofwny.com |
| Genesee County Nature Center | http://co.genesee.ny.us/departments/parks/inc.php |
| Genesee County Village & Museum | https://www.gcv.org/ |
| Global Justice Ecology Project | http://globaljusticeecology.org/ |
| Go Bike Buffalo | http://gobikebuffalo.org/ |
| Go Buffalo Niagara | http://gobuffaloniagara.org |

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| 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 Beach Sweep | http://greatlakesbeachsweep.org/ |
| Great Lakes Center at Buffalo State College | http://greatlakescenter.buffalostate.edu/ |
| Great Lakes Experience | http://www.thegreatlakesexperience.org |
| Green Development Zone | http://greendevlopmentzone.org/ |
| Green Sun Seed Library | www.facebook.com/groups/GreenSunSeedLibrary/ |
| Greenup Jamestown | https://www.greenupjamestown.com/ |
| Greenworks WNY | https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/ |
| 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 |
| H.O.P.E of WNY | https://www.reptilekeeperllc.com/ |
| Housing Opportunities Made Equal | http://www.homeny.org/ |
| Imagine Greater Buffalo Lifelong Learning | http://imaginelifelonglearning.com/ |
| Innovation Center Buffalo | http://innovationcenterbuffalo.org/ |
| Iroquois National Wildlife Refuge | http://www.fws.gov/refuge/iroquois/ |
| Jamestown Audubon Center & Sanctuary | http://auduboncnc.org/ |
| Jamestown Community College | http://www.sunyjcc.edu/sustainability |
| Junior Solar Sprint Buffalo | www.jssbuffalo.com |
| League of Women Voters of Buffalo Niagara | http://www.lwvbn.org/ |
| Local Initiatives Support Corporation | http://www.lisc.org/buffalo/ |

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| 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/centralwestern |
| 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 | http://www.nysaccny.org/index.php |
| New York State Ornithological Association | http://nybirds.org/index.html |
| New York State Outdoor Education Association | http://nysoea.org/ |
| New York State Parks | www.nysparks.com |
| New York State Sea Grant | http://www.seagrantsunysb.edu/ |
| New York State Soil and Water | http://www.nys-soilandwater.org/ |
| Northeast Sustainable Agriculture Working Group | http://nesawg.org/ |
| New York Upstate Chapter of the Green Building Council | http://www.greenupstateny.org/ |
| New York State Wetlands Forum | http://www.wetlandsforum.org |
| Niagara County Farm Bureau | http://www.niagaracountyfarmbureau.com/ |

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| 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 | https://sites.google.com/a/niagarafrontierbotanicalsociety.org/niagara-society/home/ |
| Niagara River Anglers Association | www.facebook.com/Niagara-River-Anglers-1013633888708865/ |
| Niagara River Greenway Commission | www.niagaragreenway.org |
| 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 |
| 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 |

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| Regional Councils NYS | http://regionalcouncils.ny.gov |
| Reinstein Woods Nature Preserve | www.dec.ny.gov/education/1837.html |
| ReNU Niagara | http://www.niagara.edu/renu/ |
| 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/EXTRA/enviromentalists.htm |
| Roger Tory Peterson Institute | www.rtpi.org |
| Science Demands Action | www.sciencedemandsaction.org |
| Service Collaborative of WNY | http://www.tscwny.org/ |
| Sierra Club (Niagara Group of Atlantic Chapter) | http://niagarasierraclub.com/ |
| Slow Roll Buffalo | http://slowrollbuffalo.org/ |
| South Buffalo Alive | https://www.facebook.com/South-Buffero-Alive-174141769403626/ |
| SPCA serving Erie County | www.yourspca.org |
| Street Synergy | http://www.streetsynergy.org/ |
| SUNY Fredonia | http://www.fredonia.edu/gogreen/ |
| Sustainability at Buffalo State | http://sustainability.buffalostate.edu/ |
| Tifft Nature Preserve | http://www.tifft.org/tifft/ |
| Tonawanda Creek Watershed Committee | https://www.facebook.com/TonawandaCreek/ |
| Tonawanda Tomorrow | http://tonawandatomorrow.org/ |
| Tuscarora Environmental Task Force | http://www.tuscaroraenvironment.com |
| 21 st Century Park on the Outer Harbor | http://21stcenturypark.org/ |

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| 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/ |
| UnwasteNY | http://www.unwastenyc.org |
| Urban Land Institute | http://newyork.uli.org/regional/ |
| 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 | http://www.healthycommunitynetwork.com/ |
| 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.growwny.org/ |
| Western New York Family Nature Club | http://lthibault.wixsite.com/wnyfamilynatureclub |
| Western New York Food Hub | http://wnyfoodhub.com |
| Western New York Herpetological Society | http://www.wnyherpsociety.org/ |
| Western New York Hiking Trails and resources | www.wnyhikes.com |
| Western New York Land Conservancy | http://www.wnylc.org/ |
| WNY Nursery and Landscape Association (PLANT WNY) | http://www.plantwny.com/ |
| WNY Partnership for Invasive Species Mgmt (PRISM) | www.wnyprism.org |

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