

Enviro-News

October, 2017

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

- Articles- including events, courses, local news, grants, positions
- Upcoming Activities
- Tips for the Environment, The 3R's by Lesley Haynes
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

Articles:

Slow Roll Buffalo Collaboration with Daemen College and The Broadway Market

Daemen College's service learning students team up with Slow Roll Buffalo and The Broadway Market to host a free community bike ride on **Monday October 2nd, 2017** at 6:00 pm through the Broadway/Fillmore neighborhood followed by an after-ride party. Interested riders can register for the event on-line at slowroll.org or register on-site prior to the rides start. Participants are encouraged to gather at the Broadway Market ([999 Broadway St.](http://999BroadwaySt.com)) prior to the start of the race, where vendors of the market will be open. The Broadway Market will host the post-ride party featuring Flying Bison Beer, Chateau Buffalo wine, food from Marge's Soul Food, Babcias Pierogi, East West Café, Potts Deli, Chrusciki's, and live jazz from The Walter Kemp 3oh! Free parking will be available at The Broadway Market parking garage as well as hundreds of bike racks located within the market. This event was developed by Daemen College students who are engaged in a semester-long project addressing ways cultural initiatives are integrated into economic revitalization of a community.

Transit-Oriented Workshops

The Greater Buffalo-Niagara Regional Transportation Council (GBNRTC) is inviting the community to explore ways to encourage Transit-Oriented Development along the existing Metro Rail line as well as proposed Metro Rail extension to the Northtowns. Community members are encouraged to attend a workshop focused on the planning around 6 Metro Rail Stations – 2 proposed stations in Amherst (Audubon, near [Sylvan Pkwy, and Blvd Mall](http://SylvanPkwy.com), 3 existing stations in Buffalo (LaSalle, Utica, and Summer-Best), and 1 proposed station at DL&W Terminal. Workshop dates are Tuesday, **October 3, 2017** from 6-8pm at UB Educational Opportunity Center, [555 Ellicott Street, Buffalo](http://555EllicottStreet.com) or Wednesday, **October 4, 2017** from 6-8pm at Weinberg Campus- 2nd floor 1 of Meadows Apartment, [2650 N. Forest Road, Amherst, New York](http://2650NForestRoad.com).

Native Plants and Pollinators with "Plant Lady" Sally Cunningham

Sally Cunningham is one of our region's favorite native plant experts. From 7:00 to 8:00 PM on **Wednesday, October 4**, Sally will be speaking at the Niagara Falls Public Central Library. Find out how you can turn your yard into a haven for pollinators and birds by adding native plants. Don't miss her talk – there is no cost to attend, but we ask everyone to register in advance [here](#).

World on Your Plate

This year's World on Your Plate Conference will be held Friday **October 6** from 5-9pm and Saturday **October 7** from 8:30am to 5pm at Daemen College. Speakers include Arturo Rodriguez, President of the United Farm Workers and Linda Black Elk, an ethnobotanist. Advance tickets for the two-day conference are \$30 or \$35 at the door. Friday only tickets are \$10 in advance or \$15 at the door. Local students may attend for free by pre-registering and with appropriate school identification. The event features workshops and a vegetarian organic lunch. For details, visit <http://www.worldonyourplate.org>.

Buffalo Audubon Holds Enchanted Forest 2017

Imagine a night-time walk along trails lined with glowing jack-o-lanterns, where forest animals magically becoming human-sized and tell you about their life in the woods. This special event is an evening visit with nocturnal creatures that call Beaver Meadow Audubon Center their home. Enchanted Forest will be held on **October 6, 7, and 8** with timed tickets and pre-registration only. This family-friendly program is a unique, fun, engaging event that you'll remember for a lifetime. Games, crafts, face painting and cider and a snack after the event round out the evening. What better way to welcome fall and to get a head start on Halloween! Advanced registration is required. Make your reservation by calling Beaver Meadow at (585) 457-3228. Tours leave starting at 6:00 pm and extending to 8:30 pm. The cost is \$9 per person. The event is free for children 3 and under. More information on this event is on their website at www.buffaloaudubon.org or on Facebook @BuffaloAudubonSociety. Beaver Meadow is located at 1610 Welch Road, North Java, a 20 minute drive from East Aurora.

20th Annual WNY Earth Science Day

Penn Dixie's fall festival celebrates its 20th year in style! Bring the family on Saturday **October 7** from 9am to 4pm and join us for a day of free fun activities centered around the theme of our home, Earth. We've invited our friends from local science and nature centers, universities, cultural organizations, libraries, and STEM businesses and look forward to having everyone under one tent. Stick around afterwards for Earth Science Day Stargazing! **From 6:30 to 9:30 pm**, our final astronomy program of 2017 brings us the two planets and fall constellations including Aquarius and Pisces. Without a moon, we'll have a clear view of Jupiter and Saturn, as well as deep space objects including NGC457 ET Cluster. Admission is FREE to all! No registration needed.

Honey Harvest Festival at Masterson's

Join local beekeepers and vendors **October 7 & 8** for Masterson's Fifth Annual Honey Harvest Festival! Honey and mead tasting, seminars and more which are free to the public. Masterson's Nursery, 725 Olean Rd., East Aurora. For info, visit [Honey Harvest Festival](#).

Great Lakes Restoration Conference 2017

The 13th Annual Great Lakes Restoration Conference will be held on **October 17-19** at the Hyatt Regency, Buffalo. Come join a diverse group of people from across the Great Lakes region and learn about some important Great Lakes restoration issues. This will also be a great opportunity to network with Great Lakes activists and learn how to develop strategies to promote restoration efforts at the federal, regional, and local levels. For info, check [here](#)

National Geographic Live at Kleinhans

A new speakers series, National Geographic Live, is debuting this year. Three talks will be held Kleinhans Music Hall as part of the series. Steve Winter will be the first speaker on **October 17** at 7pm. His talk, "On the Trail of Big Cats: Tigers, Cougars and Snow Leopards", will share the beauty of these big cats and his efforts for their conservation. For tickets, call 885-5000 or visit www.kleinhansbuffalo.org.

Investigative Post Dinner

Investigate Post is hosting its second annual benefit dinner **Thursday, October 19**, at the Hyatt Regency. Our keynote speaker is Sarah Cohen, a Pulitzer prize winning editor at The New York Times and immediate past president of Investigative Reporters & Editors. Our honoree is Joseph Finnerty, a First Amendment attorney and champion of investigative reporting. Maryalice Demler, news anchor at WGRZ, will once again serve as emcee. Attend this year to support Buffalo's nonprofit, award-winning investigative reporting center. Tickets start at \$50, tables at \$1,000. [Go here](#) for more information or to [purchase tickets or a table](#).

Niagara County Household Hazardous Waste Collection

The Niagara County Department of Public Works will host a collection event on **October 21st** at North Tonawanda DPW. They are excited to announce our "Voucher" program to all Niagara County residents. This limited program allows Niagara County residents to bring up to 50-lbs of acceptable wastes to Hazman for NO FEE, at their convenience, by registering and downloading a voucher! Registration required. Please [follow this link to learn more!](#)

Dare to Repair Café

Do you have a broken small appliance, toy or other object? Before you throw it away, try to repair it. The Dare to Repair Café is an opportunity to work with volunteer fixers to try to repair your items, ultimately reducing waste. The next café is 10am to 4pm on **Saturday, October 21** at Knowledgefire, 839 West Avenue, Buffalo. Learn more at [repair](#).

Cultivate: How to Create a Profitable Urban Farm (Market Garden)

Cornell Cooperative Extension of Erie County and the Massachusetts Avenue Project invite you to, *Cultivate: How to Create a Profitable Urban Farm (Market Garden)*, a workshop for anyone currently or exploring opportunities to farm in an urban setting on Wednesday, **November 1, 2017** from 8:30 am-4:30 pm at Market Arcade, 617 Main Street, Buffalo. Cost is \$35 (\$25 for CCE Ag enrollees). Registration limited to 25 people. [Register here](#)

2017 Recycling Conference to Focus on Climate Change

The 2017 NYSAR3 Annual Recycling Conference is **November 7-9** at the Otesaga Resort Hotel in Cooperstown. Make plans to attend this year's conference, titled Keeping Cool in the Age of Climate Change: Impacts of Materials Management. Read More about plans for this event. Exhibitor and sponsorship opportunities are still available. [Info](#)

Birders Conference in Western New York

The New York State Birders Conference and New York State Ornithological Association will have their annual meeting in Niagara Falls from **November 10-12**. The meeting is timed to coincide with excellent Niagara birding with our gulls and other shorebirds. A number of speakers and field trips are planned for the event. For details, visit <http://www.buffaloornithologicalsociety.org/nysoa/>

NYS Invasive Species Conference – CCE In-Service

The annual Agriculture, Food & Environmental Systems In-Service allows for the gathering of faculty, educators and other industry professionals all related to a variety of agricultural and environmental fields for the sharing of information on research developments and practices. The New York Invasive Species Research Institute (NYISRI) hosts an invasive species track as part of this conference as well. This year's conference is **November 13-15** at ILR Conference Center in King Shaw Hall, Cornell University, [140 Garden Avenue, Ithaca, NY 14853](#). Please register at [link](#).

Geothermal Heating and Cooling Seminar: Student Rates Available

Earlier this year, New York adopted a [policy framework for renewable heating and cooling](#), and a working knowledge of geothermal heat pumps will be an important part of building design as we move into a renewable energy future. The New York Geothermal Energy Organization (NY-GEO) supported by The NYS Energy Research and Development Agency (NYSERDA), has engaged instructor Jay Egg to bring a 5 credit course to Buffalo on **November 14** from 9am-3pm at the National Grid VIP Conference Center, 144 Kensington Ave. The one-day course gives students the knowledge and tools to understand how geothermal heating and cooling might work for a given building. It is primarily designed for practicing engineers, architects and building owners. However we also feel it would be an ideal introduction to this technology for students. The student discount will be \$19 (\$169 regularly). For info, visit bit.ly/geoceus.

Nature Expedition with Earth Spirit

Earth Spirit Educational Services is offering their Winter Yellowstone trip from **December 9-17, 2017**. The trip includes 8 nights lodging at Lamar Valley Cabins, 2 meals (brunch, dinner) per day, transportation, cozy fires, folk guitar songs, daily wolf and wildlife watching, meetings and adventures with Nat Geo Photographer Dan Hartman, snowshoe hikes, and more! Cost is \$2500 with a \$500 deposit due at the time of reservation (refundable until Oct. 1). For info, visit <http://www.earthspiritedu.org/excursions/index.html>

2018 Legacy Cities Preservation Conference in Buffalo

Preservation Buffalo Niagara is thrilled to announce that Buffalo will be hosting the next Legacy Cities Preservation Conference from **July 11th – 14th, 2018**. Started by Cleveland State University and the Levin College of Urban Affairs in 2014, this will be the third biennial interdisciplinary convening of preservationists, community developers, economic developers, urban planners, urban policymakers, urban designers, and others. It will be an opportunity to collaborate, share ideas, and devise solutions for creating a more integrated approach to planning for the future of Legacy Cities, bringing historic preservation into urban policymaking, and crafting a 21st century preservation profession that is responsive to the needs and conditions of Legacy Cities and our diverse inhabitants. Check back for [more info](#).

Regional Greenhouse Gas Initiative (RGGI) Updates

On Wednesday, August 23rd, the nine Northeastern and Mid-Atlantic states that participate in the [Regional Greenhouse Gas Initiative](#) (RGGI) proposed a regional cap trajectory that will provide an additional 30% emissions cap by 2030. With this bipartisan agreement, the regional cap will be 65% below the starting 2009 level. See Governor's [Press Release](#) or check out [RGGI](#).

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. Adoption status recognizes the sponsor with a plaque on the carousel and the right to name the animal. For info, visit <http://buffaloheritagecarousel.org/>

"Rags to Bags" - Make Your Own Carryall from a T-Shirt

The Matt Urban Hope Center of Buffalo recently joined Erie County's (Chapter 9) "Bring Your Own" Coalition, a group dedicated to reducing plastic waste - focusing on single use bags. A clever idea from their newest member encourages reuse, and helps to get the message across to discourage single use bags. As the Center received more t-shirts than their clients could use, the staff was determined not to let these go to waste. The t-shirt bag (which requires no sewing) is a great re-use of this resource. [tshirtreuse](#)

Explore Buffalo Tours: See Your City in a Different Light

With over 70 different tours available by foot, bike, bus, and kayak, our volunteer docents will show you Buffalo's architecture, history, and neighborhoods. Join us on a tour today! <https://explorebuffalo.org/>

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](#).

Buffalo Niagara Waterkeeper Releases *State of Our Waters* Report

Buffalo Niagara Riverkeeper is now Buffalo Niagara Waterkeeper, with a new logo to better reflect their activities. They also released their *State of Our Waters* report which presents an overview of the health of Western New York waterways, highlights recent success and improvements, as well as identifies continuing and emerging challenges. The organization also presented a strategy for a regional approach to protect, restore and connect people to clean water, culminating with the announcement of an inaugural *Buffalo Niagara Waterkeeper Weekend*, to be held annually on the third weekend in May, beginning in 2018. The *State of Our Waters* report (available at BNWaterkeeper.org) provides a user-friendly snapshot of the current status of the health of the region's water. It identifies historical turning points and major work accomplished to date, presents ongoing and emerging challenges, and recommends a regional action agenda to prioritize clean water investments and activities. The summary report is based on the interpretation of decades of organizational research, dozens of local, state and federal government studies, and peer-reviewed scientific analysis from academic institutions.

The 2017 EJSCREEN is here!

[EJSCREEN](#) is an environmental justice mapping and screening tool that provides Environmental Protection Agency (EPA) with a nationally consistent dataset and approach for combining environmental and demographic indicators. EPA recently updated this useful tool in an effort to expand the way it engages with EJSCREEN users.

Climate Change Info-EPA Web Info Available at Chicago Website

The Environmental Protection Agency (EPA) website is no longer a resource for info on climate change. Previously, it was one of the foremost web resources for information related to the science of climate change. Thanks to the City of Chicago, we can still have access to this information as they have saved and posted the information formerly available at the federal website. You can view the resources (might want to save useful ones) at <https://www.cityofchicago.org/city/en/sites/climatechange/home.html>.

NY-Sun Solar Guidebook and Technical Assistance for Local Governments

NYSERDA recently developed and launched the [NY-Sun Solar Guidebook for Local Governments](#). The Guidebook includes updates to the NYS Unified Solar Permit and guidance on the New York State fire code, along with other practical information to aid local officials. Does your town need an expert's opinion on a solar question? Local governments can access free training and technical assistance from NYSERDA's NY-Sun Photovoltaic Trainers Network (PVTN). The PVTN can help with all types of questions relating to New York State's solar electric market. The PVTN offers in-person [trainings](#) for municipal officials statewide and a set of [online resources](#) about solar energy.

Buffalo Zoo Helping Protect Rhinos from Poachers

The Buffalo Zoo often works with state and federal agencies on various conservation projects. This past winter, the Zoo need to trim the horn of their Indian rhinoceros, Tashi, due to signs of wear and a fear that the horn would break unexpectedly. Although they are composed mainly of keratin – the same common material that makes up hair, nails, feathers, wool, and hooves – rhino horns are valued in some parts of the world as symbols of wealth or for use in traditional medicine, even though the horns have been shown to have no medicinal value. This demand for rhino horn leads to the poaching of these endangered animals and the illegal trade in their horns. The section of Tashi's horn is now being used to train wildlife detector dogs that aid their human Inspector partners in detecting animal products (and sometimes live animals) that people attempt to illegally import into the United States.

Project Sunroof

Are you curious about how much solar could be generated by your roof? Now you can use Google Earth imagery to analyze your roof shape and local weather patterns to create a personalized solar plan. Check it out at <https://www.google.com/get/sunroof#p=0>.

Reuse Action in Action: Source for Reusable Materials

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

Tool for Sourcing Local Meat

A new website is available to help consumers locate local farmers who produce meats. You will be able to connect with local producers to choose the growing practices that suit your lifestyle and help support the regional economy. Visit the tool at <http://meatsuite.com/>

Living Chandeliers May Filter Your Air in the Future

A design engineer has created a 'living chandelier' that is aesthetically pleasing but also absorbs carbon dioxide from the air and releases oxygen. The Exhale Chandelier is the work of Julian Melchiorri, the first Engineer in Residence at London's Victoria and Albert Museum. He based the chandelier on his previously developed 'Silk Leaf', an artificial leaf made of chloroplasts (the chlorophyll containing part of the plant) stabilized in a silk protein. Water and nutrients are supplied to the leaf through osmosis, in a similar way to how natural leaves work. For the Exhale Chandelier, he adapted the artificial leaves into 70 petals in three different sizes. Each petal contains green algae, sustained by a drip-feed of nutrients and water, and lit by LED lights. The algae absorb carbon dioxide and 'breathes out' oxygen. View the chandelier and more info at <https://www.springwise.com/living-chandelier-improves-air-quality/>

Watch the Know Your Food Series

Know Your Food is a short film series that introduces consumers to key terms and principles that can help them make more informed decisions about the food they eat. [Click here to watch the Know Your Food videos.](#)

Reduce your Food Waste: Download a Canning Guide

NY Interfaith Power and Light has some tips to help you reduce your food waste and enjoy summer's bounty for the rest of the year. Almost one-fifth of greenhouse gas emissions comes from the food industry and our food choices. Find out easy ways to preserve your produce and cut your carbon footprint with IPL's Canning for the Climate Kit [here](#)

Greening Park Infrastructure

EPA has produced a guide titled, [Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement](#), to encourage partnerships between park agencies and stormwater agencies to promote the use of green infrastructure on park lands. Green infrastructure can help to maximize the environmental, economic, and social benefits of parks. By building strong partnerships, agencies can improve park lands and access to parks, better manage stormwater, increase community resiliency to shifting weather patterns, and provide funding to implement and maintain park enhancements that benefit the community. Case studies are included to illustrate the approaches presented in the guide. These real-life examples portray how partnerships between municipal stormwater agencies and parks departments have improved recreational resources in the community, enhanced environmental protection, and reduced risks and burdens.

Food not Bombs

Buffalo Food Not Bombs prepares shares a free vegan meal with anyone who is hungry at Lafayette Square on Mondays and Saturdays from 1 to 2 p.m. Volunteers are ALWAYS welcome! Food Not Bombs shares food as a form of political protest, drawing attention to the fact that society fails to provide food and housing for all people, while hundreds of billions of dollars are given to fund wars and state violence. For info, [foodnotbombs](#)

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>.

Map Hikes for Orienteering

Each spring, the Buffalo Orienteering Club sets up a course of 25 controls at several Erie County Parks for the avid orienteer or the casual hiker to experience at their leisure. In early 2017, MAP HIKES will be created at Chestnut Ridge Park, Emery Park, Hunters Creek Park, Sardinia County Forest, and Sprague Brook Park. New this year, is a 15 control course at Knox Farm State Park in East Aurora. They will be up until February 28, 2018. All 2017 Map Hikes are now available for purchase. Packets can be purchased at \$7.00 for each park and include a five color map with marked control locations, a control card, instructions and a plastic map case. They are available at a number of locations, visit <http://buffalo-orienteeing.org/map-hikes/> for sites.

Niagara County Offers Master Gardeners Training

Interested in becoming a Master Gardener? Horticulturist John Farfaglia will be running the Master Gardener Training Program beginning in late October 2017. Classes will be held on Wednesday evenings at 6:30pm and typically finish by 8:00-8:30pm. For more information about the Master Gardener Program, visit [Master Gardener Program](#).

Cornell Small Farms Program Offers Online Courses

Cornell Small Farms Program offers over twenty courses to help farmers improve their technical and business skills. Students connect with other farmers, work on farm plans, and gain practical tips without leaving their home. Each week features an evening webinar and follow-up readings, videos, and activities. Students and their instructors connect through online forums and live chat. If you aren't able to attend the webinars in real-time, they are always recorded for later viewing. Check the listings at <http://www.nebeginningfarmers.org/online-courses/>

DEC Surveys Endangered Mussel Population in Western NY

In early September, DEC Region 9 staff surveyed Cassadaga Creek for the federally and NYS-endangered [clubshell mussel](#) (*Pleurobema clava*). DEC staff had stocked the mussels in 2015 and 2016 as part of a project with the U.S. Fish and Wildlife Service and the Pennsylvania Fish and Boat Commission to bolster the population in western New York. The survey turned up 175 tagged mussels and revealed a preliminary survival rate of 50-75%.

Environmental Working Groups Guide to Healthy Cleaning and Safe Drinking Water

Environmental Working Group provides a Guide to Healthy Cleaning which provides detailed information on more than 2,500 products, letting you easily find out about the health hazards and ecological concerns associated with the thousands of chemicals in cleaners. Check it out at [EWG's Guide to Healthy Cleaning](#). You can also check out their drinking water database which is searchable by zipcode at [EWG's Tap Water Database](#).

Community Planning Resource Available

[Design Your Town](#) is an interactive web-based resource for citizen planners, professionals and anyone concerned about the quality of the villages and landscapes where they live. Collaborators on Design Your Town were the Orange County Department of Planning, Regional Plan Association, Pace University Land Use Law Center and the Lincoln Institute of Land Policy, with additional funding from the Hudson River Valley Greenway.

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>

Milkweed Seed Collection: Now is the Time

Milkweed plants have been disappearing as farmers have shifted to monocultures and the use of herbicides to keep weeds out, as well as habitat loss to buildings and roads. Monarch butterflies rely on this host plant for their larvae and the numbers of these butterflies have been declining due to many factors. If you want to help ensure future generations, you can collect milkweed seeds for planting next year. The plant produces distinct seed pods which contain seeds with flossy material that helps wind disperse them. Mature seeds should be brown and leathery, even though pods may still be green. If pods resist splitting, the seed is still immature. You can sow the seeds in the fall (they need a cold period to stimulate germination) or keep them cool and dry (garage, refrigerator) until next spring. For more info, visit <https://xerces.org/2017/09/07/harvesting-milkweed-seed-a-pod-and-a-plan/>

Climate Change Education Partnership Offers Webinar Series for Teachers

A series of four webinars will complement the newly released *Climate Change Education: Effective Practices for Working with Educators, Scientists, Decision Makers, and the Public* [guide](#). Produced by the CCEP Alliance, this guide provides recommendations for effective education and communication practices when working with different types of audiences. Please use this [link](#) to see the archived webinars in this series

Free Riparian Buffer Resource Published

Division of Water publications are now available on the DEC website. [Protect Our Waters: Funding and Assistance for Planting Riparian Buffers](#) (PDF, 801 KB) describes the variety of federal, state and local technical assistance and funding programs for landowners, municipalities and conservation organizations to plant [riparian buffers](#) to improve water quality and wildlife habitat.

Endorsement of National Soil Health Measurements

The concept of soil health is gaining widespread attention because it promotes agricultural practices that are not only good for the farmer, but also good for the environment. To help implement widely-applicable, consistent measures of soil health, the Soil Health Institute announces its endorsement of 19 national soil health measurements, including organic carbon, pH, and water-stable aggregation. The purpose of these measurements is to establish consistency in order to better assess the state of the nation's soils. Read about all 19 measurements on the [Soil Health institute website](#).

Better than Ed

Actor Ed Begley has gained a reputation for living sustainably and encouraging others to do so. He is featured in a new series of videos, "Better than Ed". Check out the videos at <http://www.betterthaned.org/> covering topics like population growth, food waste, energy waste and others.

EPA Climate Change Indicators Report Available

The U.S. Environmental Protection Agency (U.S. EPA) has updated 'Climate Change Indicators in the United States (Fourth Edition)'. The report is available for download at www.epa.gov/climate-indicators.

Teacher-Friendly Guide to Climate Change

The new [Teacher-Friendly Guide to Climate Change](#) is now available for free download and is co-authored by Don Duggan-Haas, WNY resident and Director of Teacher Programming, Paleontological Research Institute. *The Teacher-Friendly Guide to Climate Change* addresses both the science of climate change and psychological, social, and political issues that add to the challenges of teaching and learning the science. The primary audiences for the book are high school and middle school science teachers, professional development providers and curriculum developers, but we think anyone interested in climate change and how to teach or talk about it will find it interesting and worthwhile.

Help Your Local School Reduce Food Waste

It's not uncommon for schools to throw away good food, even when many of their students don't have enough good food to eat. In partnership with the Oakland Unified School District and the public agency StopWaste, Food Shift established a food collection and donation program for Oakland, CA schools. The Earth Island project also helped [develop a guide](#) to capture best practices and templates for replication of the food recovery program. Please share the guide with any parents or school professionals you know who might want to start a similar program.

Pen to Paper: Student Service and Engagement

Join educational colleagues and journal editors from around the country for a conference focused on writing about service and engagement. "Pen to Paper" will be held **November 9-11** at Nazareth College in Rochester. Previous conferences in this series have provided time, space, and resources to assist faculty, professional staff, graduate students, and community partners either planning to work, or working on journal manuscripts or book chapters related to service-learning and community engagement. Participants discussed ideas with editors from major publications, explored publishing outlets, received mentoring from Senior Faculty Coaches, shared ideas with peers, and had time to write and revise. [Info and registration here.](#)

Join This Year's Green Apple Day of Service

Green Apple Day of Service is an opportunity to join schools across the world in celebrating the central role that schools play in preparing the next generation of leaders in sustainability. A school's event improves the health and safety of the learning environment while strengthening student civic leadership, environmental literacy, and project management skills. Schools and the community leaders who support them can choose their own date for their project, and they have access to mini-grants and personalized guidance to help them make their projects a reality. **Project Registration at greenapple.org.**

Make Sure Energy is A Part of Your Green Schools Conversation

Project Green School's [12 Pathways To Greening Your School](#) were created as a way to make it easier to align students' innate desire to make a difference in the world with their personal interests. The Energy Pathway has become particularly pertinent now with the current state of our environment and political system. Investment in resources that will further our knowledge, and our future environmental leader's knowledge, is imperative. That is why we share these WONDERFUL resources for use in your classroom brought to you by the Department of Education. Perfect timing, too, for Back-to-School season!!

Teacher's Resources

[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.

[Dr. Seuss's The Lorax activity book](#) is one of EPA's most highly sought after publications and is available for free to schools and classrooms around the country.

[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.

[Green Technology: Sustaining the Earth](#) is designed for Grades 6-12 . Use this interactive activity to offer your students an overview of innovation in green technology and insight into various areas of research within the field.

["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

[2017 Marine Plastics Innovation Challenge](#)-In order to accelerate the search for solutions, UN Environment and Think Beyond Plastic™ are launching a Marine Plastics Innovation Challenge to engage university students and faculties in a solutions-oriented effort to help solve the global marine litter problem. Categories include Design and engineering track; communications track; monitoring, prediction and recovery track; economic impact track. To participate, students need to be enrolled in university as of June 2017, be supported by a faculty member, and submit an entry in one or more of the following categories. Registration deadline: **October 6, 2017**.

["How Will You ... End Littering?" Video Contest](#)-Keep America Beautiful, the nation's iconic community improvement nonprofit organization, launched its second annual effort to tap into the imagination and innovation of our nation's youth to continue to advance its fight to End Littering in America. The "How Will You...End Littering?" Video Contest, open to students in grades 9-12, asks the next generation of community stewards to share their ideas about how to end littering by educating and motivating people to properly dispose of their trash. *Registration Deadline: Friday, October 6, 2017.*

[Lexus Eco Challenge](#)- The competition asks middle school and high school students to improve their communities by participating in three separate environmentally themed competitions. In the Final Challenge, scholarships will be awarded to winning student teams; their teacher-advisers and schools will receive monetary prizes. Deadline: **October 16**.

[Wildland Fire Sensors Challenge](#)- This challenge seeks a field-ready prototype system capable of measuring constituents of smoke, including particulates, carbon monoxide, ozone, and carbon dioxide, over the wide range of levels expected during wildland fires. The prototype system should be accurate, light-weight, easy to operate, and capable of wireless data transmission, so that first responders and nearby communities have access to timely information about local air quality conditions during wildland fire events. Deadline: **November 22**.

[INNOVATION 2030](#) is the title and theme of the 2017-2018 COTE Top Ten for Students design competition, presented by AIA COTE and ASCA, in special collaboration with Architecture 2030 and Design Intelligence. Students are invited to submit design projects that meaningfully address the causes of climate change and anticipate its future impacts, well into the second half of this century. Registration Deadline: **December 6 (submission due January 17)**.

[Shell Science Lab Challenge](#). The Challenge encourages science teachers (grades 6–12) in the United States and Canada, who have found innovative ways to deliver quality lab experiences using limited school and laboratory resources, to [apply](#) for a chance to win up to \$93,000 in prizes, including a grand prize school science lab makeover support package valued at \$20,000. The deadline for submissions is **December 15**.

[9th Annual Arbor Day Poster Contest](#)- for Fifth Graders. The New York State Department of Environmental Conservation (DEC) is now accepting submissions with the theme "Trees for Bees." Students are asked to create an original poster depicting this theme. The winner will have his or her artwork replicated as DEC's official 2018 New York State 5th Grade Arbor Day Poster and the winning poster will be presented at the annual Arbor Day Celebration in Albany. State Accepting Poster Submissions, Deadline: **January 5, 2018**.

[The Purpose Challenge Essay Contest](#)- Find your purpose and win up to \$25,000 for college! The Purpose Challenge toolkit helps high school seniors explore and identify their purpose - infusing what they learn about themselves into their 2017-2018 college applications. They can enter that essay in a contest; six students will win prizes ranging from \$5,000 to \$25,000. Deadline: **February 1, 2018**.

Grant and Scholarship Opportunities

[Grants Available to Students Studying Climate Science](#)-The Grants-in-Aid of Research (GIAR) program from Sigma Xi, The Scientific Research Honor Society is in the process of adding climate science to the list of disciplines that it will support. GIAR will start accepting applications for the new category in the Fall 2017 cycle. The application for that cycle has been posted online. Deadline: **October 1**.

[Small Business Innovation Research Phase I](#)-USDA National Institute of Food and Agriculture is accepting applications for the Small Business Innovation Research Program (SBIR). SBIR encourages domestic small businesses to engage in high-growth research and development that has the potential for commercialization and could lead to significant public benefit. Phase I invests in feasibility and proof-of-concept studies of up to \$100,000. Small businesses and small proprietorships for profit are eligible to submit applications to this program. Deadline: **October 5, 2017**.

[J-Serve 2018 Community Grants](#)- available to all Jewish organizations working to build service experiences engaging Jewish teens in grades 6 through 12. **Deadline: October 11**

[Fish Passage and Aquatic Habitat Restoration Grant](#)- funding in New York and Pennsylvania's Great Lakes watershed focus areas include: 1) removing/bypassing dams and/or replacing/retrofitting culverts, 2) restoring riparian and in stream habitat, 3) protecting, restoring and managing coastal wetlands, 4) completing road stream crossing assessments and prioritizing barrier removal projects. Eligible organizations include states, tribes, local governments, and not-for-profits. Deadline: **October 13th, 2017**.

[Northeast SARE Partnership Grants](#)-for agricultural service providers who want to conduct on-farm demonstrations, research, marketing, and other projects with farmers as active cooperators. The overriding goals of the Partnership program are to uncover knowledge that farmers can use, to encourage the understanding and widespread use of sustainable techniques, and to strengthen partnerships between farmers and service providers. Partnership Grants are capped at \$15,000. Deadline: **October 17, 2017**.

[Fitch Foundation Grants](#)- The mission of the Fitch Foundation is to support professionals in the field of historic preservation, and to achieve this we provide mid-career grants to those working in preservation, landscape architecture, urban design, environmental planning, materials conservation, decorative arts, architectural design and history, and allied fields. Deadline: **October 25**.

[Erie Canalway Grants](#)- Applications will be made available beginning September 11 for not-for-profits, municipalities, and federally recognized Native American tribes to request support for projects that advance the [Erie Canalway Preservation and Management Plan](#)'s goals and objectives. Deadline: **October 27**.

[Sponsor-A-Hive](#)-provides bees and hive materials to schools and community groups who have ability to maintain the hives and help our precious pollinators. Deadline: **October 31**.

[Green Schools Grants](#)-for public and private schools Grades K-12 for providing seed, or start-up money for recycling/waste reduction programs in public and private schools. This grant provides up to \$500 per school to rejuvenate existing programs or to develop new programs centered around the 3 R's (reduce, reuse, recycle). Awards will be made twice yearly; this is a competitive grant so imagination, ingenuity and initiative are valued. Deadline: **October 31, 2017**.

[BE FEARLESS BE KIND Grants for Organizations & Schools](#)- will award Grants of \$500, \$1,000, or \$2,000 to nonprofit organizations and K-12 schools (public, private, and independent) in the United States to support high quality, youth-led community projects that take place between September 18 - December 15, 2017. **Deadline: October 31**

[Plant America Grants](#)- sponsored by National Garden Clubs, Inc. for new or existing club projects in their respective communities. Projects may be a joint venture with another organization/s. The scope of these projects may include: beautification, community or school gardens, Habitat for Humanity landscaping, implementation of environmental practices or a horticulture or environmental educational event for the public. Up to \$1000. Deadline: **November 1**.

[Conservation Alliance Grants](#)- seek to protect threatened wild places throughout North America for their habitat and recreational values. As a group of outdoor industry companies, we recognize our responsibility to help protect the wild lands and waterways on which our customers recreate and wildlife thrives. Deadline: **December 1, 2017**.

[New York State Agricultural Society Foundation](#)-The Foundation supports the mission of the NYS Agricultural Society, focusing on education, leadership development, and recognition for future generations involved in the New York State food and agriculture industry. The foundation will provide financial support to nonprofit organizations serving New York State residents in the form of grants of up to \$2,500. Deadline: **December 1, 2017**.

[Northeast SARE Farmer Grants](#)- for commercial producers who have an innovative idea they want to test using a field trial, on-farm demonstration, marketing initiative, or other technique. A technical advisor-- extension agent, crop consultant, or other service professional--must also be involved. Projects should seek results other farmers can use, and all projects must have the potential to add to our knowledge about effective sustainable practices. To apply, you must be a commercial farmer in the Northeast SARE region. Deadline: **December 5, 2017**.

[Annie's Homegrown School Garden Grants](#)—Public schools, public charter schools, private schools with 501c3 non-profit status, nonprofits supporting a garden at a public or a non-profit private school, school districts and homeschools with 501c3 or charity status. What projects are eligible? Edible school gardens. Deadline: **December 5**.

[KidsGardening Youth Garden Grants](#)— Nonprofits, public or private school, and youth programs in the United States for new garden program or expanding an established one that serves at least 15 youth between the ages of 3 and 18. US \$500—US \$750 in in-kind support. Deadline: **December 15**.

[Scholarships available for garden communication](#) -College and technical school students interested in a career in garden writing, photography or blogging can apply for a scholarship from the GWA Foundation, the 501(c)(3) charitable partner of GWA: The Association for Garden Communicators. Deadline: **December 15**.

[Electronic Waste Assistance Grants](#)-Funding available to NYS municipalities to help offset costs associated with the collection and recycling of e-waste. Municipalities may receive reimbursement of up to 50% of eligible expenses incurred for the recycling of e-waste between April 1, 2017 and December 31, 2017. Deadline: **January 31, 2018**.

[2018 Healthy Watersheds Consortium Grant Program](#)- Funding Watershed Action Projects, Watershed protection capacity and Advancing the state of practice - Awards new experimental technologies, methods, strategies, or approaches to incentivize watershed protection that can be scaled to a broader level. Awards may not be used for lobbying or political advocacy. At least a 25% in-kind match is required. Deadline: **February 1**.

[Fiskars Project Orange Thumb](#)—Nonprofits located in the US and Canada. Projects within communities who are working on collaboration, neighborhood beautification, and healthy, sustainable food sources. Deadline: **February 9, 2018.**

[ScottsMiracle-Grow GRO1000 Grant](#)— Nonprofits located in the US. Grassroots Grants are awarded to local communities to help bring pollinator habitats, edible gardens and public green spaces to neighborhoods across the United States. Deadline: **February 20, 2018.**

[Wells Fargo Clean Technology and Innovation Grant Program](#) funds projects and programs related to research and development for new and emerging clean technologies by working with universities, colleges, research institutes and laboratories as well as entrepreneur incubator, accelerator and business plan competitions. If you would like to submit a topic for consideration provide a brief description (150 words or less).

[Toyota 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 30 and October 30.**

[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.

[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](#)-National Garden Clubs, Inc. is excited to announce it is continuing a grant opportunity for Garden Clubs working with youth clubs or groups planning and planting Pollinator Gardens. Grants, 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.

[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.**

[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

[Slender False Brome Project Manager](#)- WNY PRISM is looking for a highly motivated candidate to take the lead on coordination of the Slender False Brome Working Group and implementation of the Great Lakes Restoration Initiative (GLRI) grant recently awarded to WNY PRISM for this project. The goal of this project is to develop a strong collaborative that provides the region with the information and resources necessary to effectively manage the threat posed by slender false brome. The position requires excellent interpersonal skills for communication with a diverse group of partner agencies and individuals, along with strong writing and organizational skills, and experience with invasive species ecology and management. In addition, this position requires experience with field data collection methods and analysis, meeting facilitation, supervision of seasonal employees, budget management, supply procurement, and development of outreach materials. Applications accepted until filled.

[Senior Landscape Architect Town of Amherst](#)-Under the direction of the Planning Director, the Landscape Architect will prepare and review urban design plans, site concept plans, grading/drainage plans, landscape plans, construction drawings, specifications and cost estimates as related to existing and proposed park, recreation, open space, roadway and building site development. Deadline: **October 2 at 5pm**.

[Entry-Level Planner, Town of Amherst](#)-assignments involve assisting experienced staff in the performance of planning and research activities related to long-range community planning including studies required for the maintenance of the adopted Comprehensive Plan and related master plans. Work is performed as a team member lead by a higher classified planning staff member and does not require the exercise of supervision over specific planning projects or activities. Deadline: **October 9**.

[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. It works to build power by developing grassroots leaders who run and win campaigns that advance environmental justice and public health in the region. 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.

Citizen Science

[Caterpillars Count](#)- Seeking community members to help to characterize the spatial and seasonal variation in abundance of caterpillars and other foliage arthropods all across North America in an effort to answer important questions about patterns of food availability for birds. Perfect for youth, groups or adults.

[Hemlock Woolly Adelgid Project](#)-Take closeup pictures of hemlock trees and fraser firs and send to scientists with GPS location data to monitor tree health and spread of the insect.

The Great Lakes Marsh Monitoring Program- is designed to collect information about the presence and abundance of bird and amphibian species in Great Lakes coastal and inland marshes, to contribute to our understanding of these species and their habitat needs. For information on assisting with local efforts, please contact: David Spiering, Regional Volunteer Coordinator Ecologist at Tiff Nature Preserve (716) 896-5200 ext. 202 dspiering@sciencebuff.org.

[Project Budburst](#)- Reinstein Woods is involved in monitoring specific tree and plant species each year to record their phenophases (annual life cycle of plants) throughout the seasons. Recordings needed April to November, days and times flexible. For adults only. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

[Great Sunflower Project](#)- Record pollinator data to their website throughout the summer. Downloadable pollinator identification cards are available.

Upcoming Community Activities:

Sunday, October 1

First Sunday of the Month Mid-Morning Walks-10:45 am - 11:30 am from March - November, 2017.

All walks begin and end at the Hoyt Lake, Marcy Casino area. Led by Dennis Galucki, Founder, C-SAAHN & 'IMAGINE' Weekly Series and Philip Haberstro, CEO, Wellness institute of Greater Buffalo. Contact : Phil: 716-851-4052. <http://buffaloah.com/h/center/a/other.html>

Family Walk at Beaver Meadow-2 to 3pm. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted. www.buffaloudubon.org

Go Bike Class: Basic Maintenance- All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation 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.

Monday, October 2

Slow Roll Buffalo- 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <https://slowrollbuffalo.org/schedule/category/slow-rolls/>

"Upwelling and downwelling dynamics influence spatial patterns of hypoxia and nearshore hypoxia events in the central basin of Lake Erie"-4 to 5:15pm at Buffalo State College. Join us for Great Lakes Center, Biology Department and the Great Lakes Ecosystem Science Program for our Fall 2017 Seminar Series to be held p.m. in Bulger Communication Center W. Speaker: Mark Rowe, NOAA.

Tuesday, October 3

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-Paths, Peaks & Paddles trip open to all. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Farm to School Chef Challenge-Join local chefs from some of Buffalo's favorite restaurants and Buffalo Public School students as they compete in the second annual Buffalo Farm to School Chef Challenge to develop new menu ideas for the Buffalo Public School's Harvest of the Month initiative. The Buffalo Farm to School program's goals are to introduce more fresh, locally grown produce in school lunches and to encourage healthy eating habits in students. The event will be held at the Waterfront Elementary School on 95 Fourth St, in the cafeteria from 4-6:30pm. Admission is free and open to parents, staff, students of Buffalo Public Schools. For information about attending, please contact Claire Collie at 716-882-5327 x3 or Claire@mass-ave.org

DEC Meeting on Trout Stream Management- The public meeting will feature a 30-minute presentation by DEC Fisheries staff describing current management practices for trout streams and will include key findings of a statewide study completed in 2015. Following the presentation, meeting attendees will have an opportunity to provide input and feedback regarding their preferences and expectations for the management of trout streams. 6:30 p.m. to 9 p.m. (Doors open at 6:30 p.m. and the presentation begins at 7:00 p.m.) at Reinstein Woods Environmental Education Center, 93 Honorine Dr., Depew.

GBNRTC Workshop on Transit-Oriented Development- 6 to 8pm. The Greater Buffalo-Niagara Regional Transportation Council is encouraging the community to explore ways to encourage Transit-Oriented Development along the existing Metro Rail line in the City of Buffalo as well as proposed Metro Rail extension to the Northtowns. Community members are encouraged to attend a workshop focused on the neighborhood planning around 6 Metro Rail Stations – 2 proposed stations in Amherst (Audubon, near [Sylvan Pkwy, and Boulevard Mall](#)), 3 existing stations in Buffalo (LaSalle, Utica, and Summer-Best), and 1 proposed station in Buffalo (DL&W Terminal). UB Educational Opportunity Center, [555 Ellicott Street, Buffalo, New York Info](#)

PUSH Green Development Zone- 5:30PM. Tours start at [460 Massachusetts Avenue](#) and last approximately one. For more information about the tour or to RSVP, contact PUSH's Development Specialist Julia White at juliawhite@pushbuffalo.org or call [716.882.2672](tel:716.882.2672).

Wednesday, October 4

Native Plants and Pollinators with "Plant Lady"-7 to 8pm at Niagara Falls Public Central Library. Sally Cunningham is our region's favorite native plant expert. Find out how you can turn your yard into a haven for pollinators and birds by adding native plants. Free, but register in advance [here](#)

GBNRTC Workshop on Transit-Oriented Development- 6 to 8pm. The Greater Buffalo-Niagara Regional Transportation Council is encouraging the community to explore ways to encourage Transit-Oriented Development along the existing Metro Rail line in the City of Buffalo as well as proposed Metro Rail extension to the Northtowns. Community members are encouraged to attend a workshop focused on the neighborhood planning around 6 Metro Rail Stations – 2 proposed stations in Amherst (Audubon, near [Sylvan Pkwy, and Boulevard Mall](#)), 3 existing stations in Buffalo (LaSalle, Utica, and Summer-Best), and 1 proposed station in Buffalo (DL&W Terminal). Weinberg Campus- 2nd floor lounge of the Meadows Apartment, [2650 N. Forest Road, Amherst, New York. Info](#)

UB Architecture Fall Lecture Series: Nader Tehrani-6 to 7pm. Hayes Hall 403, University at Buffalo South Campus, 3435 Main Street, Buffalo, NY, 14214. <https://www.aiabuffalowny.org/schedule/2017/10/4/ub-fall-lecture-series-nader-tehrani>

Buffalo Talks: Buffalo History Museum –noon at the Downtown Central Library’s “Ring of Knowledge” for a Buffalo Talks on the Buffalo History Museum. Melissa Brown will discuss the many major new initiatives underway at the museum, including the ICONS exhibit opening in November and the portico rehabilitation project. [Click here to register](#)

Walktober-30 minute fitness walk, meet at noon at Buffalo Niagara Visitor Center (Washington St. & Lafayette Square). Depart at 12:10. beactive@city-buffalo.org

Thursday, October 5

1st Thursday Work Evening-Pelion Community Garden- @ 4pm, 206 Best. St.

<https://www.facebook.com/pg/PelionCommunityGarden/events/>

Field & Fork Network Open House- We have relocated to a new office space at 487 Main Street in the heart of downtown Buffalo. To celebrate the move, we invite you to save the date for an open house from 6-8 p.m. Stop by, see the space and learn more about the exciting programs that we're working on!

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

Wellness Walk at Tiff Nature Preserve- 10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. *\$2 donation per person appreciated.*

DEC Meeting on Trout Stream Management- The public meeting will feature a 30-minute presentation by DEC Fisheries staff describing current management practices for trout streams and will include key findings of a statewide study completed in 2015. Following the presentation, meeting attendees will have an opportunity to provide input and feedback regarding their preferences and expectations for the management of trout streams. 6:30 p.m. to 9 p.m. (Doors open at 6:30 p.m. and the presentation begins at 7:00 p.m.) at NYSDEC Region 9 Sub-office, 182 East Union St., Allegany NY 14706.

Crepuscular Hike: Full Moon over the Falls-5:30 to 8pm at [Knox Farm State Park](#). With the glow of the full moon to guide us, we will hike to the little-known falls of Knox Farm and experience the park during twilight hours. Star gazing to follow program weather permitting. *Call (716) 549-1050 to register for program.*

Hickory Woods Hike-1 to 3pm at [Knox Farm State Park](#). Take a hike through Knox Farm to enjoy the changing scenery as the forest and its residents prepare for the colder months ahead. *Call (716) 549-1050 to register for program.*

Invasive Plant Removal Riverbend Buffalo-4 to 6pm. Volunteers need to remove plants to protect Buffalo Niagara Waterkeeper’s restoration project. For details and to register, [Register](#)

Fall WNYPRISM Partner Meeting- 9:00 – 11:00 am. Our meeting will be hosted by the USFWS and Iroquois National Wildlife Refuge Visitor Center in Basom, NY. <http://www.wnyprism.org/>

6 Minute Building Stories (6Mbs)-6 to 9pm. An informal and fun gathering featuring presentations by esteemed speakers from diverse cultural disciplines. Speakers share their building story with 18 images. The total time allotted for each slide is 20 seconds and, as the slide changes, so does the related verbal content. \$5 admission available at the door. For more information, visit the [Buffalo Architecture Foundation's website](#). Artisan Kitchens and Baths Artisan Culinary Loft ([map](#))

Behind-the-Scenes Collections Tour (adults only): Mastodons in Our Backyard-Adults only, 10:00am - 12:00pm at Buffalo Museum of Science. Did you know the Museum houses over 700,000 specimens in our collection, or that a significant part of the collection pertains to the Greater Niagara Region? Get behind-the-scenes to see what few have seen and explore our research, special, and teaching collections in themed tours taking place throughout the month. Tours are approximately 2 hours in length. Mastodons in our Backyard: The Byron Dig Seymour isn't the only Mastodon at the Museum! Learn more about the Museum's Mastodons excavated from the local Genesee County dig site and take a look at the specimens that teach us about life on the Niagara Frontier over 10,000 years ago. Cost: \$25 non-members (includes Museum admission) / \$15 BMS members. Registration deadline: one week in advance [register](#)

Fall Explore Buffalo Lecture Series-Top Ten Architectural Features, Gordon Bunshaft: His Life and Architectural Achievement are the two lectures. This speaker series features different Explore Buffalo docents presenting lectures on a wide variety of topics. Each session will have two different lectures. All sessions are from 7-9 PM on Thursday evenings at First Presbyterian Church of Buffalo on Symphony Circle. Admission per session: \$10, Explorer Pass Holders: Free.

Environmental Task Force-6 to 7:30pm. Regular meeting re bomb trains; nuclear shipments over Peace Bridge, waterways, and highways; push to renewables; more. Crane Library, 633 Elmwood Ave, Buffalo 14222

Buffalo Transit Riders United (BTRU) Allies Meeting-12:30 to 2pm. We get together to build out our coalition of allies who can help give riders the power to ensure an equitable transit system. Lunch will be served. This meeting will be held at the offices of the Coalition for Economic Justice, inside the Tri Main Building (2495 Main St. Ste 547).

Friday, October 6

Enchanted Forest – Enjoy an evening walk through our magical woods to meet the animals (portrayed by costumed interpreters) that call Beaver Meadow Audubon Center 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. Please call 585-457-3228 to register.

“Paleobotany in Patagonia: Fossil Flowers and Fruits from the early Paleocene of South America.”- Niagara Frontier Botanical Society and Buffalo Geological Society joint meeting. Speaker Dr. Nathan Jud is a Postdoctoral Associate at Cornell University in the field of Paleobotany & Evolution. Heritage Discovery Center, 100 Lee Street, Buffalo 14210. Meeting time will be 7:30 p.m. Open to the public.

World on Your Plate-5 to 9pm at Daemen College. For agenda and registration, visit www.worldonyourplate.org/.

Buffalo Geological Society Meeting- New Location at 100 Lee Street on October 6 at 7:30pm. Dr. Nathan Jud of Cornell University will speak on the Paleobotany in Patagonia: fossil flowers and fruits from the early Paleocene of South America. FREE and open to the public.

Saturday, October 7

Canoe Trek-9am to 1pm. Meet at Knowlesville Road Bridge (Just south of Swallow Hollow trail) *REGISTRATION REQUIRED*. http://www.friendsofiroquoisnwr.org/documents/2017_IO_brochure.pdf

Outdoor Photography - Landscape/Scenery Meet at Visitor Center 2PM-4PM. REGISTRATION REQUIRED*. http://www.friendsofiroquoisnwr.org/documents/2017_IO_brochure.pdf

Nature Discovery Walk & Scavenger Hunt -(for children ages 5-12: must be accompanied by adult) Meet at Kanyoo Trail *REGISTRATION REQUIRED. REGISTRATION REQUIRED*. http://www.friendsofiroquoisnwr.org/documents/2017_IO_brochure.pdf

Foraging for Wild Foods-10:00am-1:00pm at Buffalo Ski Club. An annual event that sends us in search of wild edible plants in fields, wetlands and forests. Sampling stations will be available for some delicious wild snacks. \$10 Members (ES and Buffalo Ski Club), \$15 Non-Members. Details and registration at www.earthspiritedu.org

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

Enchanted Forest – Enjoy an evening walk through our magical woods to meet the animals (portrayed by costumed interpreters) that call Beaver Meadow Audubon Center 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. Please call 585-457-3228 to register.

Walk at Knox Farm State Park: “Knox Farm Rich History” – 9am to 10:30am. Open your ears to the fascinating history of the Knox Estate from the late 1800's to now. Meet in the main parking lot. Donations gratefully accepted.

Observatory at Beaver Meadow – 9pm. 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.

Horticultural Class: Shrubs and Trees with Tree Tour-11am to 1pm at Buffalo & Erie County Botanical Gardens. \$20/class or \$105 for series for members. Info and registration at <https://www.buffalogardens.com/collections/adults/products/horticulture-i-certificate-series>

Honey Harvest Festival-Details at [Honey Harvest Festival](#). Join local beekeepers and vendors for our Fifth Annual Honey Harvest Festival! Honey and mead tasting, seminars and more. Masterson's Nursery, 725 Olean Rd., East Aurora.

Niagara Frontier Botanical Society Field Trip to Mount Hope Cemetery- Mt. Hope was founded in 1838 and is one of the oldest municipal cemeteries in the U.S. Its 196 acres include picturesque glacier-created hills and valleys, wild wooded areas with old trees, and many planted trees (including 10 species of oaks). People buried here include Susan B. Anthony and Frederick Douglass. Leader on-site will be Richard Cook, who has supervised restoration work on the property. Meet at the Flying J, adjacent to the Darien Lake—Route 77 exit from I-90. Bring lunch. Call Joanne Schlegel if you expect to attend, 835-6042.

20th WNY Earth Science Day-Penn Dixie event. Info can be found [here](#) and exhibitors can register using [this link](#). For event inquiries, contact Dr. Phil at phil@penn Dixie.org.

Historical Bike Tour of Olmsted's West Side-Meeting venue: Rich Products, 1 Robert Rich Way, Buffalo, NY 14213, meet at the parking lot, Price: \$10 per cyclist per bike tour, BOPC members get 50% discount. Use coupon code: BOPCMEMBER at checkout. Register at <https://app.donorview.com/XPAL>

Fall into Fitness: Niagara Falls...In the Beginning-10am to 12:30pm at [Artpark State Park](#). Join us to hike the trails where Niagara Falls first formed. *Call (716) 282-5154 to register for program.*

World on Your Plate-8:30am to 5pm at Daemen College. For agenda and registration, visit www.worldonyourplate.org/.

The Garlic Guy at Lockwood's-1pm. Tom Szulist from Singer Farms Natural is joining us again this season for a presentation on the history, growing and health benefits of garlic. His talk is always entertaining and informative. This event is FREE because Tom believes this knowledge should be made available to everyone and even encourages you to grow and harvest your own garlic seasonally. Please call the store to let us know you are coming so we can plan adequate seating. Lockwood's Greenhouses & Nursery, 4484 Clark Street, Hamburg, NY 14075. (716) 649-4684.

Buffalo Pressed Botanicals-Tiff Nature Preserve from 2 to 3:30pm. Create a framed and matted work of art to take home using real local leaves and flowers during this indoor nature-craft workshop. All materials provided. Cost: \$15 per participant. BMS Members save 10%! Ages: 8+ [register](#)

Go Fly a Kite-12 to 3pm. Join the Chestnut Ridge Conservancy at the second annual Go Fly A Kite festival on the sledding hill. The rain date is Saturday, October 14. Bring your own kite, or purchase one from the Conservancy. See you there! [register](#)

Pfeiffer Fall Festival - 2pm-4pm. Delight in an afternoon of nature with your children or grandchildren at the Lillibridge preserve while engaging in many fun fall activities. Enjoy cider and doughnuts, "train" rides, pumpkin decorating, arts and crafts, and trick or treating along the interpretive trail. Costumes are encouraged to add to the fun! This event is FREE and will be held at Pfeiffer Nature Center Lillibridge Preserve, 1974 Lillibridge Road, Portville, NY 14770. Minors must be accompanied by an adult. Preregistration required. Register by 4pm, Thursday, October 5th, 2017. To register, visit [here](#) or contact the office at 716-933-0187.

Sunday, October 8

Enchanted Forest – Enjoy an evening walk through our magical woods to meet the animals (portrayed by costumed interpreters) that call Beaver Meadow Audubon Center 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. Please call 585-457-3228 to register.

Family Walk at Beaver Meadow-2 to 3pm. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted. www.buffaloudubon.org

Fall Photography Hiking Series-9:30 to 11:30am at [Wilson Tuscarora State Park](#). Enjoy the fall foliage with a Park Naturalist on a fall photography hike. Remember to bring your camera or phone. Call (716) 282-5154 to register for program.

Evangola Trail Trek: Big Tree Walk-10am to noon at [Evangola State Park](#). Join us on our trail trek series and explore some of the biggest trees in the park! Parts of the hike will be off trail so please wear appropriate footwear. Call (716) 549-1050 to register for program.

Honey Harvest Festival-Details at [Honey Harvest Festival](#). Join local beekeepers and vendors for our Fifth Annual Honey Harvest Festival! Honey and mead tasting, seminars and more. Masterson's Nursery, 725 Olean Rd., East Aurora.

Go Bike Class: Maintaining your Bike thru Fall and Winter- All classes are held at the GOBike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation 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.

Buffalo Ornithological Field Trip - Batavia Wastewater Treatment Plant, Batavia, NY. Leader: Doug Beattie Meet at 9am outside the admin building. Join Doug for a drive through this freshwater treatment complex. This is an easy drive with little walking involved through one of the best rarity magnets in the region! The list of fabulous birds found here in the past include Piping Plover, Northern Wheatear, Tufted Duck and Bohemian Waxwing! This is also THE place to catch up with the locally rare Eared Grebe. Another bird that seems to show up here with regularity is Red-necked Phalarope. At the very least, we should enjoy flocks of dabbling ducks with numbers of Ruddy Duck and Northern Shoveler peaking this time of year.

Family Hike: Beaver Island State Park- Come out and join us for a morning hike from 9:00 am until approximately 11:00 am. This is the wonderful time of year when the Autumn leaves change and present to us bouquets of colors all along paths. As we get into the fall enjoy walking the paths and crunching on the crisp leaves. As we near winter enjoy walking the paths with new fresh snow falling. Dress for the weather! Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors. [info](#)

Monday, October 9

Slow Roll Buffalo- 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <https://slowrollbuffalo.org/schedule/category/slow-rolls/>

Sierra Club Niagara Group's Climate and Energy Committee Meeting- 6:30-8:00PM at Buffalo State College in Classroom Building B-106. Parking is available on Rockwell Road (but observe the signs) and permits for closer lots such as R-12 can be picked up before the meeting at the Classroom Building main entrance or in the meeting room. All are welcome.

Tuesday, October 10

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://buffaloah.com/h/center/lib/17lec.html>

Kombucha - Welcoming a S.C.O.B.Y. into the family. \$25 for complete ferment kit with scoby, [get info here](#), and pay at the door** Preserving the Harverst Fermentation Series. All classes are from 6:30 to 8pm at the Legacy Barn, Singer Farm Naturals, [6730 Lake Road, Appleton, NY 14008, USA](http://6730LakeRoad.com)

ADK General Meeting – Program starts at 6:30pm at Fellowship Hall - Amherst Community Church 77 Washington Highway, Snyder NY 14226 NOTE: Please park in rear and enter through back door (walk up to 2nd floor) Program Schedule: 6:30 - 7:15pm: Education Workshop - Common Sense First Aid Join us to explore some common sense preventative measures as well as what to do when the unexpected happens. In our short time together, we will pack in basic necessities, tips to keep your first aid kit compact and light, yet complete for most injuries. We will also address the importance of being able to care for yourself on outings as well as what a trip leader should pack for the group. You will walk out with a portable first aid kit for your day pack! 7:00 – 7:30pm: Happy Half Hour 7:30pm: General Meeting and Presentation - Saving the Map Turtles of the Niagara Region Presented by Dr. Ed Standora, Department of Biology, State University College at Buffalo The Niagara Chapter of ADK is proud to have Dr. Ed Standora share his time with us discussing his conservation efforts in the Buffalo area and across the nation. Dr. Standora has been in the Biology Department at SUNY Buffalo State for 38 years. He and his graduate students are currently studying the behavior of a dwindling population of map turtles in the upper Niagara River. His talk will show the development and evolution of instrumentation to track and monitor animals during his long career and his recent efforts to help preserve local freshwater turtle populations.

Little Tykes Mini Nature Camp-9:30am - 11:30am. Enjoy a morning of fun and exploration at Tiff Nature Preserve! Story time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! Pre-registration required. Cost: \$7 per child with adult, \$4 additional child with same adult. BMS Members save 10%! Ages: 3-5 <https://13520.blackbaudhosting.com/13520/Little-Tykes-Mini-Nature-Camp-10Oct2017>

Sci-Night Series | What's in the Water?-6:30pm - 08:00pm at Tiff Nature Preserve. Join us on the 2nd Tuesday of the month for our new science discovery series for adults. Meet local nature-enthusiasts, share your interests and learn something new. Light refreshments included. Enjoy a hands-on indoor workshop on what's in the waterways around Tiff Nature Preserve. Conduct chemistry experiments, biodiversity assessments and more! Cost: \$12 per participant. BMS Members save 10%, Ages: 18+. <https://13520.blackbaudhosting.com/13520/Sci-Night-Series--Whats-In-The-Water>

Gill Creek Volunteer Planting- @ Hyde Park, Niagara Falls , 4:30 pm – 6:00 pm. Help us restore shoreline habitat by planting trees and shrubs! Events are FREE! Registration Required. [register](#)

Wednesday, October 11

Teachers in Nature: Professional Development Series-4 to 7pm. “Schoolyard Habitat”. Sign up for one or more workshops to learn how to connect your students to nature! CTLE credit hours may be available for select programs. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

Reinstein Woods Through the Years-6:30pm. Join former intern Jerry Krajna to learn about the history of Reinstein Woods, as well as his own perspective of the changes over the past 10 years. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

Tax Credit Drop-In Workshop- 6–8 pm at the PBN offices! Suite 201, 617 Main Street, Buffalo, New York 14203, [info](#)

Buffalo Ornithological Society Meeting - Cummings Room of the Buffalo Museum of Science at 7:00 PM. This month's topic will be presented by Brent Stephenson. Brent was born in New Zealand and has been a birder since childhood. In 2005 he completed a goal he had from a young age, with the conclusion of his Ph.D., studying the breeding biology of Australasian gannets in New Zealand. This further heightened his interest in seabirds, and in 2003, along with Sav Saville, he rediscovered the “extinct” New Zealand storm-petrel, a bird known previously from only three museum specimens collected during the 1800s. With support from National Geographic, he led a team conducting further research on this enigmatic seabird. His passion for travel, birds, and the ocean has led him to many corners of the world working on small Expedition ships. It's a great way of seeing remote and inaccessible places and their wildlife. Brent has traveled to many parts of the world, from the Arctic to the Antarctic, including Australia, Solomons, Papua New Guinea, Indonesia, French Polynesia, China, Americas, and Africa, and worked on ships in many of these places.

Walktober-30 minute fitness walk, meet at noon at Buffalo Niagara Visitor Center (Washington St. & Lafayette Square). Depart at 12:10. beactive@city-buffalo.org

Thursday, October 12

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

2017 Buffalo LISC Community Development Awards Breakfast-8am at Blue Cross Blue Shield, 257 W. Genessee. Free, but please register no later than Friday, **September 29, 2017**. Register and info at <http://lisccda2017.brownpapertickets.com/>

Big Tree Tour-1 to 3:30pm at Knox Farm State Park. Take a relaxing fall hike through Knox Farm to visit the park's tallest, stoutest and oldest trees. *Call (716) 549-1050 to register for program.*

Meeting of the Western NY Emerald Ash Borer Taskforce- 9:00 am at Erie County Emergency Service Training Center, 3359 Broadway, Cheektowaga, NY 14227. The conference call number is [1-866-742-8060](tel:1-866-742-8060). Enter 8507436#. Open to all interested in forest invasives.

Fall Foliage-5:00 pm – 7:00 pm at Art Park State Park, 450 S 4th St, Lewiston, NY 14092. Start in Artpark and view outdoor art installations. Hike down along the Lower Niagara River while enjoying the fall scenery. Learn about this region's importance in regards to the Underground Railroad. Physical intensity: Moderate, be prepared to traverse up and down stairs! Events are FREE! Registration Required. [register](#)

WNY Herpetological Society Meeting-7 to 9pm. Julia Boyer Reinstein Library, on Losson Road in Cheektowaga. Confirm meeting by email at contactus@wnyherpsociety.org

Wellness Walk at Tiff Nature Preserve- 10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

Friday, October 13

South Town Gardeners Meeting- 9:30 a.m. at the West Seneca Senior Center, 4620 Seneca St., West Seneca. The program will be on native plants to be presented by a member of the staff of Reinstein Nature Center. Guests as well as new members are welcome. For more information, call 668-0209.

Niagara Frontier Koi and Pond Club Meeting- 7 p.m. at Zion United Church of Christ, 15 Koenig Circle, Tonawanda.

Night Walk & Storytelling-Tiff Nature Preserve, 7:30pm - 09:00pm. Walk the woods by night light and experience live wildlife while your guide shares bone-chilling stories and poetry on the trail. Cost: \$6 per participant. BMS Members save 10%. <https://13520.blackbaudhosting.com/13520/Night-Walk--Storytelling>
Ages: 18+.

Buffalo Astronomical Association Meeting- held on the second Friday of each month from September through June (except for the annual dinner banquet which is held on the second Saturday of April). Meetings generally convene at Buffalo State College at 7:30pm, but also include special events at other locations. Be sure to watch the website for meeting schedules and details! <http://buffaloastronomy.com/about/meetings>

Oktoberfest Fall Festival-The Chestnut Ridge Conservancy will host the 6th annual celebration of Chestnut Ridge Park at the historic and iconic Chestnut Ridge Park Casino. The event will have two ticket options, allowing guests to arrive at 6:00pm for our full program and a delicious German-themed meal, or at 8:00pm for the after-party to enjoy German beer, cocktails, and snacks. Dinner with after-party tickets are \$125, after-party tickets are \$75. Tickets and sponsorships can be purchased here. For more information, please contact Bill Even at [716.245.1634](tel:716.245.1634), or by email at BEven@ChestnutRidgeConservancy.org.

Saturday, October 14

Fun Guy's Guide to Fungi-10:30am. Our knowledge of fungi has *mushroom* for improvement to say the *yeast*. Come learn about these mysterious organisms with former intern Marcus Rosten and by the end we're sure you'll be *lichen* them! Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

Fall Foliage for All – 2 to 4pm. Come hike with Naturalist Mark Carra and delve into the concepts of why leaves change color and why leaves fall. Let's enjoy the beautiful and wondrous colors of the season at Beaver Meadow. We'll also make a pressed leaf craft for you to take home. Pre-registration is required. Please call 585-457-3228 to register. \$5.

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. Please call 585-457-3228 to register. Space is limited. Donations gratefully accepted.

Passport to Play-1 to 3:30pm. Families can enjoy a woods walk and learn new nature play ideas to try at home. Participants will use their Passport to Play to guide them through several outdoor fall adventures. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

Horticultural Class: Annuals and Perennials-11am to 1pm at Buffalo & Erie County Botanical Gardens. \$20/class or \$105 for series (members cost). Info and registration at <https://www.buffalogardens.com/collections/adults/products/horticulture-i-certificate-series>

Fall into Fitness: Whirl of Fall-10am to 1pm at Whirlpool State Park. Hike down to the Whirlpool Flats while enjoying the changing autumnal colors. **Call (716) 282-5154 to register for program.**

Buffalo Community Paper Shredding Event, Clothing Recycling and GoBike Donation Drive-9am to noon at corner of Roebling Ave & East Delevan St., enter off Roebling. Household and personal papers only, not businesses. Co-sponsored by Roebling Avenue Block Club.

Invasive Plant Removal Riverbend Buffalo-10am to noon. Volunteers need to remove plants to protect Buffalo Niagara Waterkeeper's restoration project. For details and to register, [Register Now](#)

Fall Foliage Tour at Salomon Family Preserve-2:00pm – 3:30pm. Join CWC staff and volunteers for a guided Fall foliage tour of our beautiful Salomon Property, 52 acres on Morris Road in Chautauqua, that is filled with wonderful wildflowers and wildlife. The tour will last approximately 1.5 hours and an optional continuation at Southern Tier Brewing Company. <http://www.chautauquawatershed.org/index.php/events/events>

ASHA (Animal Sanctuary) Fall Festival- 11am to 4pm. <http://www.ashasanctuary.com/fall-festival-for-farmed-animals.html> for directions and schedule.

Sunday, October 15

Family Walk at Beaver Meadow-2 to 3pm. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted. www.buffaloudubon.org

Fall Photography Hiking Series-9:30am to 11:30 at Devil's Hole State Park. The Niagara Gorge is an excellent location to enjoy the fall foliage. Join a Park Naturalist on a fall photography hike of the many scenic spots along the gorge rim. Remember to bring your camera or phone. Call (716) 282-5154 to register for program.

Maybe Someday Farm Tour-Join WNY Land Conservancy for a family-friendly tour of Maybe Someday Farm in Marilla, led by farm owner, Lee Dobbins. The tour will take place from 2:00 to 4:00 PM on Sunday, October 15th. 11828 Williston Rd, Marilla, NY 14102. Maybe Someday Farm is a fun place for people of all ages to visit. You'll be spending time with their friendly pigs, sheep, llamas, Nigerian Dwarf Goats, and more! They also have a farm store where you can purchase a wide variety of meat, farm fresh eggs, maple syrup, and pumpkins. The tour will be followed by a hay ride around the farm so attendees can take in the beautiful fall foliage! This farm was protected in 2002 thanks to a partnership between the landowner, the Land Conservancy, and the Town of Marilla. While event registration is free, on the day of the hike we suggest a donation of \$5 per person to the Maybe Someday Farm to support their work. Space is limited to the first 25 people. Please register at <https://www.eventbrite.com/e/fall-farm-tour-at-maybe-someday-farm-tickets-37648781519>

Go Bike Class: Fix a Flat- All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation 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.

Monday, October 16

John Grabowski, Buffalo Niagara Riverkeeper, "Restoration of the Buffalo River"-4 to 5:15pm at Buffalo State College. Join us for Great Lakes Center, Biology Department and the Great Lakes Ecosystem Science Program for our Fall 2017 Seminar Series to be held p.m. in Bulger Communication Center W.

Interfaith Climate Justice Community Meeting- 6:00 at St. Joseph Parish tent behind the church. St. Joseph is located at 3269 Main Street next to the UB South Campus. All are invited.

Slow Roll Buffalo- 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <https://slowrollbuffalo.org/schedule/category/slow-rolls/>

Tuesday, October 17

"Climate Change"-WNY Chapter of the American Meteorological Society, Classroom Building Room A 209AT, Buffalo State College, 1300 Elmwood, Parking passes given out in Lot I-37. David Kowalski is the presenter. Free and open to all. For info, contact info@weathermedic.com or AMSCChapterWNY@gmail.com

"On the Trail of Big Cats: Tigers, Cougars and Snow Leopards"-National Geographic Live speaker at Kleinhans Music Hall, 7pm. Steve Winter will share the beauty of these big cats and his efforts for their conservation. For tickets, call 885-5000 or visit www.kleinhansbuffalo.org.

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://buffaloah.com/h/center/lib/17lec.html>

Great Lakes Restoration Conference 2017-Hyatt Regency, Two Fountain Plaza, Buffalo, NY 14202. Come join a diverse group of people from across the Great Lakes region and learn about some important Great Lakes restoration issues. This will also be a great opportunity to network amongst Great Lakes activists, as well as learning how to develop strategies to promote restoration efforts at the federal, regional and local levels. Follow this link here: <http://www.cvent.com/>, if you're interested in attending.

African Violet and Gesneriad Society Meeting- 7 p.m. at the Greenfield Health and Rehabilitation facility, 5949 Broadway, Lancaster. Contact Judy Oneil at judyoneil1945@gmail.com for detailed directions.

Wednesday, October 18

Teachers in Nature: Professional Development Series-4 to 7pm. “Aquatic WILD”. Sign up for one or more workshops to learn how to connect your students to nature! CTLE credit hours may be available for select programs. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

Building Blocks Breakfast-8am to 9am. PUSH Buffalo will present their accomplishments for the year. Temple Beth Zion, 805 Delaware. Attendance is *free* and offers a chance to learn about PUSH’s holistic approach to transforming the West Side into a strong and resilient community. As part of the breakfast, a request for your voluntary financial support will be made. Please RSVP by clicking on the following link, filling out the form, and clicking submit— <https://goo.gl/forms/HqwhkvOJ9Lg5uHXw2>.

Great Lakes Restoration Conference 2017-Hyatt Regency, Two Fountain Plaza, Buffalo, NY 14202. Come join a diverse group of people from across the Great Lakes region and learn about some important Great Lakes restoration issues. This will also be a great opportunity to network amongst Great Lakes activists, as well as learning how to develop strategies to promote restoration efforts at the federal, regional and local levels. Follow this link here: <http://www.cvent.com/> , if you’re interested in attending.

Western NY Rose Society- meet at 7 p.m. at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Dr., Cheektowaga. “Winterizing Your Garden & Preparing for Next Year” will be presented by Ron Callea, horticulture instructor at McKinley High School.

Behind-the-Scenes Collections Tour (adults only): Pan-American Exposition-6:00pm - 08:00pm. Did you know the Museum houses over 700,000 specimens in our collection, or that a significant part of the collection pertains to the Greater Niagara Region? Get behind-the-scenes to see what few have seen and explore our research, special, and teaching collections. Tours are approximately 2 hours in length. The Pan-American Exposition The Museum played a significant role in the Pan-American Exposition. See the artifacts that thrilled visitors over a century ago. Ages: Adults 18+, Cost: \$25 non-members (includes Museum admission) / \$15 BMS members. Registration deadline: one week in advance. [register](#)

Citizens’ Regional Transit Quarterly Meeting-5:30-7:00 pm, United Way, 742 Delaware Ave., Buffalo. Transit, Lyft and Uber: a Shared Mobility System? Speakers: Rob Jones, Planner, Niagara Frontier Transportation Authority, Dustin Earle, Transit Partnerships Manager, Lyft, Dan Leonard, Senior Director of Economic Development, Buffalo-Niagara Partnership.

Walktober-30 minute fitness walk, meet at noon at Buffalo Niagara Visitor Center (Washington St. & Lafayette Square). Depart at 12:10. beactive@city-buffalo.org

Thursday, October 19

Investigative Post Annual Benefit Dinner- At the Hyatt Recency. Our keynote speaker is Sarah Cohen, a Pulitzer prize winning editor at The New York Times and immediate past president of Investigative Reporters & Editors. Our honoree is Joseph Finnerty, a First Amendment attorney and champion of investigative reporting. Maryalice Demler, news anchor at WGRZ, will once again serve as emcee. Attend this year to support Buffalo's nonprofit, award-winning investigative reporting center. Tickets start at \$50, tables at \$1,000. [Go here](#) for more information or to [purchase tickets or a table](#).

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

Joint Annual Farm Dinner- Cornell Cooperative Extension of Niagara County and the Niagara County Farm Bureau will host its first joint annual dinner and meeting. The evening will include a farm to table dinner, with local wines, cider and beer. The event costs \$20 per person and anyone can attend. To RSVP, please contact Darlene Farnham at 433-8839 or by emailing her at djf18@cornell.edu

Great Lakes Restoration Conference 2017-Hyatt Regency, Two Fountain Plaza, Buffalo, NY 14202. Come join a diverse group of people from across the Great Lakes region and learn about some important Great Lakes restoration issues. This will also be a great opportunity to network amongst Great Lakes activists, as well as learning how to develop strategies to promote restoration efforts at the federal, regional and local levels. Follow this link here: <http://www.cvent.com/> , if you're interested in attending.

Fall Foliage-5:00 pm – 7:00 pm at Whirlpool State Park – Niagara Falls, NY. Hike among old growth trees in De Veaux Woods State Park. Enjoy scenic views above the Whirlpool while learning about how it formed! Physical intensity: Moderate, be prepared to traverse up and down stairs! Events are FREE! Registration Required. [register](#)

Spirits of Buffalo: Spiritualism in WNY and Buffalo's Most Haunted-This speaker series features different Explore Buffalo docents presenting lectures on a wide variety of topics. Each session will have two different lectures. All sessions are from 7-9 PM on Thursday evenings at First Presbyterian Church of Buffalo on Symphony Circle. Admission per session: \$10, Explorer Pass Holders: Free.

Wellness Walk at Tiff Nature Preserve- 10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 donation per person appreciated.

Friday, October 20

Ice Jam Education and Trainings- The U.S. Army Corps of Engineers, in conjunction with the Cold Waters Region Laboratory, Federal Emergency Management Agency, National Weather Service, U.S. Geological Survey, and New York Department of Environmental Conservation will present information related to ice jam processes as part of an upcoming education and training workshop. Persons encouraged to attend this meeting include representatives from Indian Nations, elected officials, police and sheriff officers, town engineers, building enforcement and zoning staff, emergency managers, as well as first responders and emergency personnel. 12:30 - 2:30: Erie County Fire Department Training Center, 3359 Broadway, Cheektowaga, NY. For more information and to register, visit: <https://www.eventbrite.com/e/ice-jam-education-and-training-workshops-for-new-york-state-tickets-38154981577>

Introduction to Kayaking-Join in the world's fastest growing sport. Are you nervous or just plain scared about tipping over? Let us put your fears to rest in the warmth and safety of a pool with many instructors all around you. Learn that kayaks are much more stable than canoes. All equipment is provided. All you need to bring is a swimsuit, towel, a lock for your locker and a positive mental attitude. All instructors are New York State Licensed Guides. This is a one night/evening class running from 6:00pm to 9:00pm at the Williamsville Mill Middle School - Room Pool; 505 Mill Street, Williamsville, NY 14221. Cost is \$73.00. Please call Paths Peaks & Paddles at 716-213-0350 if you have any questions. Or contact us a pppinfo@pathspeakspaddles.com. Paths Peaks and Paddles is teaming up with the Williamsville Community Education to present this session. You do not have to be a resident of the Williamsville to sign up. You can sign up on line at: <https://williamsville.augusoft.net> or by phone at 716-626-8080.

Saturday, October 21

Leaf Hunt-10:30am. Hunt for the perfect fall leaf and explore the many roles leaves play in nature on this guided walk. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

Dare to Repair Café-10am to 4pm at Knowledgefire, 839 West Ave., Buffalo 14203. This is a community event where individuals can bring broken items (small appliances, toys etc.) and have volunteer fixers work with them to repair for free. No guarantees that items can be fixed, but beats tossing it until you try. Learn more at www.thetoollibrary.org/daretorepair

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

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, Depew.

Boy Scout Plant Science Merit Badge – 10am to 3pm at Beaver Meadow Audubon Center. This merit badge goes deep into the fascinating world of plants. How do plants grow, compete with other plants and trick animals into spreading their seeds. Everything you wanted to know about plants but were afraid to ask. Pre-requisites include #5 & #6. Be sure to read your entire official booklet before the workshop. Pre-registration is required. Please call 585-457-3228 to register. \$12.

North Tonawanda Owl Prowl – 6:30 to 8pm. 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. Please call 585-457-3228 to register. Space is limited. \$7.

Horticultural Class: Garden Design-11 am to 1pm at Buffalo & Erie County Botanical Gardens. \$20/class or \$105 for series (member cost). Info and registration at <https://www.buffalogardens.com/collections/adults/products/horticulture-i-certificate-series>

Fall into Fitness: Great Gorge-10am to 12:30pm at Niagara Falls State Park. Hike with us along the Great Gorge Railway Trail to learn about the gorge geology and local history. *Call (716) 282-5154 to register for program.*

Evangola Trail Trek: The Forgotten Forest-10am to noon at Evangola State Park. Join us for part two of our trail trek series and venture into the forgotten forest of Evangola! Parts of the hike will be off trail so please wear appropriate footwear. Call (716) 549-1050 to register for program.

Tails and Trails Fall Foliage Walk-2 to 4pm at Artpark 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 leashed and under your control at all times while on the walk. After the walk, you can let your furry friend run off-leash at the Dog Park in the park. Call (716) 282-5154 to register for program.

Monthly Waterway Cleanup-10:00 am – 12:00 pm. Please join us for our Monthly Waterway Cleanups and help prevent litter from polluting our waterways! <https://bnwaterkeeper.org/programs/cleanup/>

The History of Dickersonville-Bond Lake Nature Center. Check <http://www.freewebs.com/bondlake/2017-events-schedule> for details.

Sunday, October 22

Family Walk at Beaver Meadow-2 to 3pm. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted. www.buffaloudubon.org

Just Pawing Around-10am to noon at Niagara Falls State Park. Enjoy a Sunday stroll with your furry four-legged companion as we journey through the oldest State Park in the United States. 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.*

Go Bike Class: Basic Wheel Maintenance- All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation 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.

Family Hike: Lockport Nature Trail- Come out and join us for a morning hike from 9:00 am until approximately 11:00 am. This is the wonderful time of year when the Autumn leaves change and present to us bouquets of colors all along paths. As we get into the fall enjoy walking the paths and crunching on the crisp leaves. As we near winter enjoy walking the paths with new fresh snow falling. Dress for the weather! Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors. [info](#)

Monday, October 23

Slow Roll Buffalo- 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <https://slowrollbuffalo.org/schedule/category/slow-rolls/>

Tuesday, October 24

Sierra Club Meeting- 7 to 9pm in Room 324, Duns Scotus Hall, Daemen College, 4380 Main St., Amherst, 14226. All welcome.

Toddler Time: Leaf Hunt – 10 to 11am at Beaver Meadow Audubon Center. Autumn is a wonderful time to search for colors in nature. Each little one will make a set of leaf cards to use during an outdoor color hunt hike. We will experiment with leaf rubbings too! Pre-registration is required. Please call 585-457-3228 to register. \$3.

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://buffaloah.com/h/center/lib/17lec.html>

Developer Roundtable: Combining Historic Tax Credits and Low-Income Housing Credits-[info](#), 8:30 am–4:30 pm. Join Preservation Buffalo Niagara to learn about the ways you can put both the Historic Tax Credit and the Low-Income Housing Tax Credit together!

Wednesday, October 25

Volunteer Day at Buffalo Audubon- 9 a.m. – 2 p.m. every Wednesday at Beaver Meadow Audubon Center, 1610 Welch Rd., Java Center. This event is for all Audubon volunteers, even first timers. There's no need to register, but bring a lunch.

West Valley Citizen Task Force Meeting-6:30-9pm. Ashford Office Complex, 9030 Route 219, West Valley, NY. For meeting information please visit: <http://westvalleyctf.org/meeting-information/>

Walktober-30 minute fitness walk, meet at noon at Buffalo Niagara Visitor Center (Washington St. & Lafayette Square). Depart at 12:10. beactive@city-buffalo.org

Thursday, October 26

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

Nature A'Brewing for Scouts-5:30pm - 09:00pm. Can YOU make a witch's brew?! Embark on a family-friendly Halloween adventure through the Tift Education Center! Admission includes a guided indoor experience, make 'n' take crafts, cider, and doughnuts. Costumes encouraged. (Families Only offering of Nature A'Brewing is on Friday, October 27). Entry is timed every 15 minutes. Pre-registration required by calling 716.825.6397. \$7 per person, BMS members save 10%.

Wellness Walk at Tift Nature Preserve- 10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. \$2 *donation per person appreciated*.

Friday, October 27

National Breadstick Day – 10:30am – 12:30pm. Join Buffalo Audubon Executive Director Loren Smith to learn how to make delicious herb breadsticks and stay for lunch to enjoy them with a fresh pot of Manhattan clam chowder. Pre-registration is required. Beaver Meadow Audubon Center, www.buffaloaudubon.org Ages 13+. \$7.

Nature A'Brewing-5:30pm - 09:00pm at Tift Nature Preserve. Can YOU make a witch's brew?! Embark on a family-friendly Halloween adventure through the Tift Education Center! Admission includes a guided indoor experience, make 'n' take crafts, cider, and doughnuts. Costumes encouraged. Entry is timed every 15 minutes. Pre-registration required by calling 716.825.6397. \$7 per person, BMS members save 10%.

Saturday, October 28

Survival Skills-10:00am-12:30pm at Chaffee Preserve. Sharing survival skills with a focus on shelter construction and fire building techniques. Free of charge – Sponsored by Waste Management of Chaffee. www.earthspiritedu.org

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 to sign up. Reinstein Woods Nature Preserve, Depew.

Aliens-2pm. Are there visitors from outer space in Reinstein Woods? No, just plants and animals introduced from other parts of the world. Join a guided tour to meet some of these alien invaders. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve, Depew.

Trick or Treat Adventure Hike –1 to 3pm. Come celebrate Halloween dressed up in full costume. Bring your little ones (although 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. Please call 585-457-3228 to register. \$5.

Beaver Meadow Owl Prowl – 6:30 to 8:30pm. 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. Please call 585-457-3228 to register. Space is limited. \$7.

Upstate NY Climate Solutions Summit- in Rochester from 9am to 4pm. Learn about clean energy solutions and how you can get involved. More information at <http://actiontogether-rochester.org/event/upstate-ny-climate-solutions-summit/>.

Spooktacular-10am to 4pm at Niagara Power Vista, 5777 Lewiston Road, Lewiston , NY , 14092-2199

Buffalo Ornithological Field Trip: Lake Ontario Plain-Route 78 and Route 104 ([map](#)). 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 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. Every year is different but with all of the fields and open space habitat we will check 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.

The Beauty of Bats- 10am to 11:30am. While it is a fact that bats rank very high on the list of most disliked species, it is also a fact that bats are greatly misunderstood. Bats are not the creepy, scary and vicious animals they are sometimes made out to be. Folks who love animals know that all animals deserve to be treated with kindness and bats are no exception. Join us for this entertaining and enlightening talk as we explore the world of bats. We will discover how necessary, beneficial and wonderful bats are to have as friends and neighbors. This event is will be held at The Portville Free Library, 1 North Main Street, Portville, New York 14770. Fee: Free for members, \$5 for non-members and free for children 13 and under. Minors must be accompanied by an adult. Register by 4 PM, Thursday, October 26th, 2017. To register, visit <http://pfeiffernaturecenter.org/nature-blog/calendar-of-events/?month=oct&yr=2017#> or contact the office at 716-933-0187. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center where science, art & nature come together.

Sunday, October 29

Family Walk at Beaver Meadow-2 to 3pm. Enjoy a guided walk led by one of our naturalists through the Preserve. Donations gratefully accepted. www.buffaloudubon.org

Fun Facts at the Falls-1:30-3:30pm at [Niagara Falls State Park](#). Did you know Niagara Falls is America's oldest state park? Join a Park Naturalist on a walk, where we will discuss strange history, daredevils, and fun facts at the falls. *Call (716) 282-5154 to register for program.*

Go Bike Class: Maintaining your Bike Thru Fall and Winter- All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Pay what you can. Our suggested donation 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.

Monday, October 30

Clean Air Coalition Member Monday - 4pm – 6pm at Clean Air Headquarters - 52 Linwood Ave. Have a few hours the last Monday of the month? Stop by the Clean Air office, meet other folks that care about their neighborhood and help us with mailings, research, turn out calls, or other important work. Give us a call and let us know you plan on stopping by: 716-852-3813.

Martin Stapanian, USGS, "Land cover types as predictors of wetland vegetation quality"-4 to 5:15pm at Buffalo State College. Join us for Great Lakes Center, Biology Department and the Great Lakes Ecosystem Science Program for our Fall 2017 Seminar Series to be held p.m. in Bulger Communication Center W.

Slow Roll Buffalo-The season finale from 6-8pm. Check the site for location and season's schedule and join hundreds of bikers weekly. <https://slowrollbuffalo.org/schedule/category/slow-rolls/>

Tuesday, October 31

Halloween Hike: A Haunted History-4 to 6pm at Whirlpool State Park. Take a hike from Whirlpool to Devils Hole State Park while hearing some of the mysterious and spooky history of the area. **Call (716) 282-5154 to register for program.**

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://buffaloah.com/h/center/lib/17lec.html>

Wednesday, November 1

Cultivate: How to Create a Profitable Urban Farm (Market Garden)- 8:30 AM - 4:30 PM. Cornell Cooperative Extension of Erie County (CCE Erie) and the Massachusetts Avenue Project (MAP) invite you to, a workshop for anyone currently farming in a city or exploring opportunities to farm in an urban setting. Market Arcade, 617 Main Street, Buffalo, NY (take the elevator to level 3R). Cost: \$35 if not enrolled in the CCE Erie Agriculture Program, and \$25 for CCE Ag enrollees (If you would like to enroll in CCE Erie, please go to erie.cce.cornell.edu/agriculture/ag-enrollment). Enrollees receive reduced registration fees for CCE Erie events as well as a quarterly newsletter. Register: Contact Megan Burley, msb347@cornell.edu, or 716.652.5400 x 138. Registration limited to 25 people. To REGISTER ONLINE, please click here.

Thursday, November 2

1st Thursday Work Evening-Pelion Community Garden @ 4pm, 206 Best. St.

<https://www.facebook.com/PelionCommunityGarden/events/>

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

Annual Fundraiser Dinner and Auction for Penn Dixie-6 to 9 pm. We'll have silent and voice auctions for sports tickets, artwork, and other prizes from the community; door prizes and raffles; and hors d'oeuvres with a cash bar. [Riverworks](http://Riverworks.com), [359 Ganson Street, Buffalo, NY](http://359GansonStreet.com). Tickets: [Pre-sale \\$25](#); Door \$30. Donations of prizes valued at \$20 or more are most welcome. Please [contact us](#) to arrange a pickup.

Connecting to Our Water: Lighthouses of Buffalo and Swift Running Water, Histories from North Tonawanda-This speaker series features different Explore Buffalo docents presenting lectures on a wide variety of topics. Each session will have two different lectures. All sessions are from 7-9 PM on Thursday evenings at First Presbyterian Church of Buffalo on Symphony Circle. Admission per session: \$10, Explorer Pass Holders: Free

Wellness Walk at Tifft Nature Preserve- 10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397 to confirm walk will be taking place. *\$2 donation per person appreciated.*

Friday, November 3

Then & Now Photography Hiking Series-1:30 to 3:30pm at Fort Niagara State Park. Everything changes! Learn about history and enjoy a relaxing photography hike to some of our favorite scenic spots. Compare historic photos to what you see before you and photos you capture along the way. Call (716) 282-5154 to register for program.

Saturday, November 4

Recycled Crafts: Books, Boxes, Bows and More-10:30am. Get a jump on making Christmas gifts for mom, dad and grandparents with these recycled crafts. For kids age 7 to 12. Registration required; call 716-683-5959 to sign up. 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.

Full Beaver Moon Walk –7 to 8:30pm. Join naturalist Mark Carra for his favorite full moon of the year. Named after the animal that helped to shape Beaver Meadow. We'll explore the amazing world of nature's architect, the only animal besides man that creates its own habitat and keeps up with the maintenance. Pre-registration is required. Please call 585-457-3228 to register. \$5.

Night Prowl-8 to 9:30pm at Beaver Island State Park. Bundle up for a cool evening and enjoy a chance to see the park as never before with a special "after hours" walk lit by a full moon. *Call (716) 282-5154 to register for program.*

Fall into Fitness: High Above the Gorge at Low Water-10am to 1pm at Whirlpool State Park. Take a scenic hike along the rim to look at the changing water level of the Niagara River below. *Call (716) 282-5154 to register for program.*

Lichens, Mushrooms & Mosses, Oh My!-1:30 to 3:30pm at Knox Farm State Park. Venture out to enjoy the crisp autumn air as we explore the forgotten world of lichens, mushrooms and mosses. *Call (716) 549-1050 to register for program.*

Crepuscular Hike: Moonlight Meander-5:30 to 7:30pm at Knox Farm State Park. Embark on a nighttime journey through Knox Farm and experience the park in the glow of a full moon. Stargazing to follow program weather permitting. *Call (716) 549-1050 to register for program.*

Gill Creek Volunteer Planting-12:00 pm – 3:00 pm. @ Hyde Park, Niagara Falls. Help us restore shoreline habitat by planting trees and shrubs! **Events are FREE! Registration Required.** [register](#)

Sunday, November 5

First Sunday of the Month Mid-Morning Walks-10:45 am - 11:30 am from March - November, 2017.

All walks begin and end at the Hoyt Lake, Marcy Casino area. Led by Dennis Galucki, Founder, C-SAAHN & 'IMAGINE' Weekly Series and Philip Haberstro, CEO, Wellness institute of Greater Buffalo. Contact : Phil: 716-851-4052. <http://buffaloah.com/h/center/a/other.html>

Family Hike: Royalton Ravine Park-Summer is 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! Come out and join us for a morning hike from 9:00 am until approximately 11:00 am. This is the wonderful time of year when the Autumn leaves change and present to us bouquets of colors all along paths. As we get into the fall enjoy walking the paths and crunching on the crisp leaves. As we near winter enjoy walking the paths with new fresh snow falling. Dress for the weather! Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors. http://www.pathspeakspaddles.com/calendar/view_entry.php?id=1101&date=20171008

Tips for the Environment:

- 1. Recycling Reminders-** It is challenging to remember what can be recycled. If you are determined to recycle all that you can, checklists for different types of rooms and events are available at [cheatsheets](#). You can create some for your work office to help coworkers know what they can put in the bin. Need signage for a workplace recycling station, check out ideas at [recyclinggraphics](#)
- 2. Enjoy the Bounty but Reduce the waste** -World Food Day is October 16 and National Food Day is October 24. Enjoy the October harvests which provide fresh local produce, but take a few minutes to learn about the impact of dietary choices ([food footprint calculator](#)) and food waste ([food waste](#))

Remember the 3 R's: Reduce, Reuse, Recycle By Lesley Haynes

We sigh as we pump gas into our vehicles. We may not have much influence about the rise in gas costs but we can do a few things to lower the amount that we purchase.

Check Prices - Before you actually buy gas, check on the lowest prices in your neighborhood. Go to your computer, type in your zip code and you might be surprised at the difference in prices at local stations.

Use Cruise Control - Using cruise control on the highway helps you maintain a constant speed and, in most cases, will save gas. Cruise in the Slow Lane. Gas mileage drops considerably when you go over 60 mph. According to the Department of Energy, you pay about 20 cents more per gallon for each 5 mph you go over 60.

Remove Excess Weight - Avoid keeping unnecessary items in your vehicle. An extra 100 pounds in your vehicle could reduce your MPG by up to 2% the equivalent of 8 cents per gallon. In other words, you can save up to \$50 per year simply by cleaning out your trunk. If you have a removable roof rack and you are not using it, take it off to improve your fuel economy by as much as 5 percent.

Avoid Excessive Idling - Idling gets 0 miles per gallon. Cars with larger engines typically waste more gas at idle than cars with smaller engines. Pausing somewhere? Shut down your engine: Note: It only takes 30 seconds to warm up your car.

Keep Your Engine Properly Tuned - Tune up your car according to your owner's-manual schedule (usually every 30,000 miles) and raise your car's fuel efficiency anywhere from 4 to 40 percent. Stick with the type recommended by your owner's manual for maximum fuel efficiency.

Check & Replace Air Filters Regularly - Replacing a clogged air filter can improve your car's gas mileage by as much as 10 percent. Your car's air filter keeps impurities from damaging the inside of your engine. Not only will replacing a dirty air filter save gas, it will protect your engine.

Keep Tires Properly Inflated - Properly inflated tires are safer and last longer. The correct tire pressure for your vehicle, can be found listed on the door to the glove compartment or on the driver's-side door.

Fuel Cap - Around 17 percent of the cars on the road have gas caps that need attention. If the gas cap on your car is damaged, loose or missing, take time to visit the auto parts store and fix it. Evaporation wastes gas and adds to air pollution.

Planning and Combining Errands - A painless way to reduce your driving is to think about all the errands you need to take care of before you get behind the wheel and plan accordingly. Try to shop in one location and you will find that one ride covering a half-dozen stops can cut out five additional trips. You'll not only save fuel, but also reduce wear and tear on your car.

Commuting - If you own more than one vehicle, drive the one that gets the best gas mileage whenever possible. If possible, take advantage of carpools and ride-share programs. You can cut your weekly fuel costs in half if you take turns driving with other commuters. Many urban areas allow vehicles with multiple passengers to use special High Occupancy Vehicle (HOV) lanes. Look at alternative transportation options—even if it's just for one or two days a week. Walk, bicycle, carpool or take public transportation and leave your vehicle at home. Public transportation could also save money by not paying for parking fees.

Think about how your fuel conservation efforts benefit the Earth.

Don't forget – Together we can make a difference. 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 Riverkeeper- <http://bnriverkeeper.org/get-involved/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@excaliburl.org or visit <http://excaliburl.org>

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

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.

Tifft Nature Preserve also needs volunteers for their programs, communications, fund-raising and other events. Call 662-1342 or email tifftfriends@yahoo.com.

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.huntnyoutdoors.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/>

Busti Cider Mill- www.busticidermill.com

Canticle Farms-<http://www.canticlefarm.org>

Chicken Worth Eating-<http://www.chickenwortheating.com/>

Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>

Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>

Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>

Erie County Farmers' Markets- <http://www.agriculture.ny.gov/AP/CommunityFarmersMarkets.asp#Erie County>

Falkimmer Farms- <http://falkimmerfarms.com/>

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.first-light-farm.com>

Five Loaves Farm- Kauffman.m@gmail.com

Flavor Farm- www.flavor-farm.com

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)

Harvest Patch- <http://www.harvestpatch.com/>

McCollum Orchards/Wildwood CSA- <http://www.oldfarmnewlife.com/>

Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>

Native Offerings- <http://nativeofferings.com/>

Niagara Malt- www.niagaramalt.com

Plato Dale Farm- <http://www.platodalefarm.org/>

Porter Farms- <http://porterfarms.org/>

The Promised Land- <http://www.promisedlandcsa.com/produce.htm>

Queen City Farm- www.queencityfarm.org/

Reigle's on the Ridge- <http://www.localharvest.org/reigles-on-the-ridge-M48650>

Richardson Farms/Grace's Garden- <http://www.localharvest.org/richardson-farms-graces-garden-M51641>

Roots & Wings Family Farm- <http://www.rootsandwingsfamilyfarm.com>

Root Down- www.therootdownfarm.com

Sinemus Farms- <http://www.sinemusfarms.com/>

Singer Farms Naturals-www.singerfarmnaturals.com

Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com

T-Meadow Farms- <http://tmeadowfarm.com/>

Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>

NY Sustainable Agriculture Working Group- <http://www.farmtraveleronline.com/>

NYSAWG Links to Farmers' Markets, CSA, Other farms- <http://www.nysawg.org/directory-of-farms.html>

Local Harvest (resource site)-<http://www.localharvest.org/>

NY Agri-women - <http://www.newyorkagriwomen.com/>

Local Meats- <http://meatsuite.com/>

Local Tourism promoting Sustainability

Buffalo Bites Food Tours- <http://www.buffalobitesfoodtours.com/>

Buffalo Tours- <http://www.preservationbuffaloniagara.org/buffalo-tours/>

Niagara Wine Trail - <http://www.niagarawinetrail.org/>

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

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373

Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's

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
Carpet- WNY Professional Flooring, 864-3875
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](#)

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

Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June	http://adk-nfc.org/
AIA Buffalo Western NY	https://www.aiabuffalowny.org/
Air and Waste Management Association	https://awmanfs.wildapricot.org/
Allegany Nature Pilgrimage	http://allegannaturepilgrimage.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
Buffalo Bike Share	www.buffalobikeshare.org/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo First	www.buffalofirst.org/
Buffalo Geological Society Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran	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/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
Citizen Science Community Resources	http://www.airhugger.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/
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
Fillmore Corridor Neighborhood Coalition	http://www.fcnc-buffalo.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 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	www.gardenclubsofwny.com
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Good Going WNY	www.goodgoingwny.com
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/
Groundwork Buffalo	www.gwbuffalo.org
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/events.php3
Heart of the City Neighborhoods, Inc.	www.hocn.org
H.O.P.E of WNY	http://bkhopeducation.wixsite.com/hopeducation-network
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	www.jamestownaudubon.org
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Jane's Walk-Buffalo	http://janeswalk.org/united-states/buffalo-ny/
Junior Solar Sprint Buffalo	www.jssbuffalo.com
Lake Erie Seaway Trail Center	http://lakeerieseawaytrail.org/

League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Learning Sustainability Campaign	http://www.learningsustainability.com/
Local Initiatives Support Corporation	http://www.lisc.org/buffalo/
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/
New York State Sustainable Agriculture Working Group	http://www.ny-sawg.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/
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 Frontier Botanical Society	https://sites.google.com/a/niagarafrontierbotanicalsociety/botanical-society/home/
Niagara River Anglers Association	http://www.niagarariveranglers.com
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/
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/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
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
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	https://www.facebook.com/South-Buffalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Sustainable Earth Solutions	www.sustainableearthsolutions.com
Tesla Fest	https://www.teslafest.org/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://tonawandacreek.shutterfly.com/
Tonawanda Tomorrow	http://tonawandatommorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	http://21stcenturypark.org/

UB Engineers for a Sustainable World	http://www.eng.buffalo.edu/esw
UB Environmental Network	https://www.facebook.com/groups/2239558471/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
University Heights Collaborative	http://ourheights.org/
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	http://www.voice-buffalo.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 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

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/