

Enviro-News

January,2020

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

- [Articles- including events, courses, local news, grants, jobs](#)
- [Upcoming Activities](#)
- [Tips for the Environment](#)
- [Volunteer Opportunities, Recycling, CSAs and Farms, Organization links](#)

Articles:

Upcoming Recycling Events for the New Year

The City of Buffalo is holding its After the Holidays Recycling on **Saturday, January 4** from 9am to 2pm at the City's Engineering Garage, 1120 Seneca St., 14210. Electronics, Christmas trees and lights, Styrofoam (no food containers or packing peanuts and must be bagged), clothing. For more info on accepted items, visit www.buffalorecycles.org.

Electronics recycling will be held on **January 25** from 9am to noon. Rain or shine... drive through and we'll unload your electronics! For acceptable materials visit www.sunking.com/acceptable-materials. Limit of two CRT (tube) monitors or televisions per vehicle. UB South campus, 3435 Main St, Buffalo NY 14214, Please enter at the main entrance (Main Circle) off of Main St.

WNY Sustainable Business Roundtable: Why Climate Matters to your Business

Join the WNY Sustainable Business Roundtable on **Tuesday, January 7** for a panel discussion to discover what the updated climate science will mean for your company in terms of supply chains, disaster preparedness etc. Get a better understanding on the framework of the New York's Climate Leadership and Community Protection Act (CLCPA) and how it can impact your business. [Register](#). Free for WNY SBR members, \$25 for others. 8:30-10:30am @ Phillips Lytle, 125 Main St., Buffalo.

NYS Food Donation and Food Recycling Law Meeting

New York State recently passed new Food Donation and Food Scraps Recycling legislation. Effective January 1st, 2022, large generators of food scraps (2 tons/week or more) must donate any edible food and recycle all remaining food scraps if within 25 miles of an organics recycler (composting facility, etc.). UB and Erie County will host a regional meeting to discuss the legislation, resources and funding opportunities and compliance and best practices. The meeting will be **Wednesday, January 15** from 1-4pm at UB, 403 Hayes Hall, South Campus. [Register](#) to attend.

Citizen Planning School-Champions for Change

Make 2020 a year of change! [Apply today](#) to become a Champion for Change with One Region Forward's Citizen Planning School! Through a series of eight workshops on Tuesday evenings, homework, and teamwork over three months, Champions for Change learn how to turn ideas into action with practical tools, knowledge, and leadership skills. Receive hands-on technical assistance from students and faculty at University at Buffalo School of Architecture and Planning and a team of mentors from Buffalo's planning and non-profit community. Hurry, applications close on **January 20th, 2020!**

Western NY Buyer-Grower Conference

The Western New York Buyer-Grower Conference will be held **January 13, 2020** at the Foundry Suites in Buffalo from 10:30am to 6pm. Whether you're a farmer curious about selling to restaurants and institutional markets or a buyer that wants to source more New York State products, this event is for you! Join co-hosts Field & Fork Network and Cornell Harvest NY for a day filled with business-to-business networking, knowledge sharing, access to financial resources, and building overall awareness of the regional food and ag industries. [Tickets.](#)

Certified Arborist Course

An arborist course will be offered **January 13-17, 2020** at Buffalo Olmsted Parks Conservancy Parkside Lodge 84 Parkside Avenue, Buffalo, NY 14214. The course will meet from 8am to 4pm each day and prepare you for the ISA-certified exam. The exam will be offered on Saturday, January 18 and requires separate registration and fees for qualified candidates. Glenn D. Gentzke Board Certified Master Arborist & Registered Consulting Arborist will teach the course, cost is \$495 for course or \$70 for individual sessions (10 total). For info, contact Glenn Gentzke 716.694.5587 glennndny@yahoo.com.

2020 Erosion and Sediment Control Workshops

Erie County Soil and Water Conservation District and WNY Stormwater Coalition will host two DEC-Endorsed 4-hour Erosion and Sediment Control Workshops for Construction Site Contractors and Operators in Winter 2020 on **Thursday January 16th**, in Cheektowaga and **Thursday February 13th**, in Blasdell (same workshop each day). All contractors and subcontractors working under the NYS Department of Environmental Conservation's (NYSDEC) Permit GP-0-15-002 (SPDES General Permit for Stormwater Discharges from Construction Activity), must identify at least one Trained Contractor from their company that will be responsible for implementation of the Stormwater Pollution Prevention Plan (SWPPP), and have at least one Trained Contractor perform a daily site inspection when soil disturbance activities are being performed. Also, developers must have a Qualified Inspector conduct regular site inspections in accordance with GP-0-15-002. Registration fee is \$95.00 per attendee and includes refreshments and all training materials. Attendees must pre-register. Please contact Don Stribick at (716) 652-8480 to register for either of the workshops.

Greater Niagara Fishing & Outdoor Expo

The 7th Annual Greater Niagara Fishing & Outdoor Expo at the Conference and Event Center Niagara Falls will be held **January 17-19**. Different events will be held throughout the expo. For a schedule, visit <https://niagarafishingexpo.com/>

Air and Waste Management Symposium

The 2020 Annual Air and Waste Management Association seminar will be held on **January 23, 2020** from 8am to 4:30pm at Templeton Landing, 2 Templeton Terrace, Buffalo. The keynote speaker is Mark Lowery, Assistant Director of the NYS DEC Climate Office. Registration and info is available [here](#).

2020 Winter Gala for Explore Buffalo

You are invited to join Explore Buffalo on **Saturday, January 25th** at the historic Twentieth Century Club on Delaware Avenue to support the continued growth of our tours and programs. 2019 saw a record number of K-12 students on Explore Buffalo tours and the successful first year of Doors Open Buffalo. To continue serving our community in 2020 and promoting our history, architecture, and neighborhoods, we need your continued support! The Winter Gala is an elegant winter cocktail party that includes live music throughout the evening and features an extensive silent auction of many unique Buffalo-themed experiences and items, from original local artwork to special behind-the-scenes tours. This is also your annual opportunity to vote on possible new tours for Explore Buffalo's 2020 tour season. [Buy Your Tickets Now!](#)

Educator Development Day in Agriculture-Based Education

Join educators on **Friday, January 24** for an Educator Development Day from 7:30 am-2:45 pm at Agriculture Discovery Center; The Fairgrounds, Hamburg, NY. The day will offer workshop sessions with experienced and fun instructors sharing lessons that can be brought back to your classroom or program. Enjoy the day learning and networking with other programs and districts. Registration is required and due by **Friday, January 17**. For more information and to register, visit the [Fairgrounds' website](#).

Climate Change Research-A-thon: Community Groups and Faculty Invited to Participate

Climate Change Research-A-Thon is an initiative organized by Dr. Stephen Vermette through the Department of Geography & Planning at SUNY Buffalo State. The objective is to empower Western New York (WNY) college students with interests in the environment, planning, sociology, economics, and law, among other disciplines, to brainstorm ways that WNY can address local climate change issues – both mitigation and adaptation strategies. Instructors of college courses are invited to incorporate this initiative within an existing course or to organize a student team, involving either a student club or a team organized specifically for the Research-A-Thon. The class or team will tackle a specific question of their choosing from a list of questions developed by local community groups or institutions. The instructor/student involvement can be any length of time – working through an entire semester, a class assignment, or a one-day activity. The goal is to launch this initiative during the Fall 2020 and Spring 2021 semesters to accommodate scheduled courses. The outcomes of the Research-A-Thon – student products – will be presented on a web site. With guidance, the format of each product will be determined by the participating instructor/students. The web site will also include an edited summary of each effort. We anticipate presenting the student findings to the WNY community.

This Climate Change Research-A-Thon is in the early stages of development. There remains a great deal of time to organize your involvement. At this point in time, we are simply soliciting your interest at one of two levels of involvement:

- 1) Instructors who are willing to incorporate this initiative within a course (or to organize a student team/club). Please provide your name, course name or club/student team.
- 2) Community groups and institutions willing to provide a specific question (your question is not required at this time).

If interested, please contact Dr. Stephen Vermette at vermetsj@buffalostate.edu. Once I hear from you, I will list you as an interested party. And, through e-mail, will keep you up to date on the Climate Change Research-A-Thon. Thank you for your participation in this timely initiative.

NOFA-NY's 2020 Winter Conference

NOFA-NY's 38th Annual Winter Conference is an unparalleled opportunity to connect with sustainability-minded farmers, gardeners, and consumers. This year's conference will be held at The Oncenter in Syracuse from **January 17-19, 2020**. The conference is one of the largest in the region with more than 1,100 attendees annually, plus more than 100 educational workshops and an approximate 80 trade show vendors. This year, we are combining our two flagship events - the Winter Conference and the 9th Annual Organic Dairy and Field Crop Conference into one weekend - bringing you the highest level of programming possible. To register, visit <https://nofany.secure.nonprofitsoapbox.com/2020wc>.

PLANT WNY Trade Show & Education Conference 2020

February 6 – 7, 2020 will be the dates for the annual trade show and conference for the local professional landscape and nursery trade. Susan Martin will be the keynote speaker for the event to be held at Salvatore's Italian Gardens in Depew. Visit www.plantwny.com for info.

DEC Seeks Public Comments re: Endangered and Threatened Species List

DEC is proposing changes to its list of endangered and threatened species in New York. A threatened or endangered species is protected under New York State's Endangered Species Law and becomes a priority for monitoring and management programs. A permit is also required for projects likely to cause harm to these species. DEC is proposing to remove 19 species from the list and add 18 species. See the [draft changes to the state endangered and threatened species list](#) and where to send suggestions. We are encouraging the public to comment on the draft list before we develop a formal proposal to revise the list. Comments accepted through **January 24, 2020**.

Susquehannock Winter Weekend

Join Oakmossed from **Friday February 7-Sunday, February 9** and adventure through the natural beauty of northern Pennsylvania among the Bald Eagles and Ravens, visiting the Susquehannock State Forest, Pine Creek and Lyman Run State Park. The winter weekend will allow you to hike, snowshoe, cross-county ski or enjoy shopping in quaint nearby towns - on your own or with a group. Accommodations will be at the rustic but comfortable Susquehannock Lodge, which includes breakfast and dinner. For accommodation details, visit [here](#).

Conservation Reserve Program Enrollment Open

The U.S. Department of Agriculture (USDA) Farm Service Agency (FSA) [opened](#) enrollment for the Conservation Reserve Program (CRP). Producers have until **February 28, 2020**, to sign up for general CRP, while sign up for continuous CRP is ongoing. Farmers and ranchers who enroll in CRP receive a yearly rental payment for voluntarily establishing long-term, resource-conserving plant species to control soil erosion, improve water quality and develop wildlife habitat on marginally productive agricultural lands.

Climate Justice and Community Engagement: Addressing the Climate Crisis

A non-credit course "Climate Justice and Community Engagement: Addressing the Climate Crisis" will be taught by Dr. Erin Robinson at Canisius College. This course will explore climate justice and community engagement through a grassroots perspective. Course material will cover the social and historical trajectory of climate change including the social construction of science, denial movements, impacts on refugee and migration patterns, and strategies and tactics for engagement at the local, regional, national, and global scale; as well as a review of the UN Sustainability Goals and practices and the classification of a climate in crisis. Classes meet on Wednesdays from 6 to 7:30pm beginning on **March 11** (5 sessions). For info, contact robinso5@canisius.edu. [REGISTER](#)

Tree Seedling Sale

The DEC's Saratoga Tree Nursery opens its annual seedling sale on January 2. Dozens of native tree and shrub species will be available for purchase at low costs. [Browse this year's selection on our website](#), and get your order in early because many favorites go quickly! We recommend placing your order by phone for the most up-to-date species availability information. The sale runs until May 15th, and seedlings are shipped mid-April through early May.

Buffalo Food Waste Diversion is Available Year-Round

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

Plastic Bag Ban Coming Soon

Did you know that New Yorkers use more than 23 billion plastic bags a year? That's around 1,000 bags per person annually. When we dispose them improperly, plastic bags pose threats to fish and wildlife, clog machinery at recycling facilities, and litter the pristine outdoor places we love and enjoy spending time in with our friends and family.

Starting March 1, 2020, a new [plastic bag waste reduction law](#) will take effect in New York State, and your reusable bag should be in hand when going shopping. Whether you're going to the grocery store, clothes shopping, or to a home improvement store, make sure to bring your reusable bags. You don't need to wait for March 1st to take action! Start bringing your reusable bags to the store ahead of the ban to build a new habit. Remember, your reusable bag means conserving natural resources, creating less litter, and keeping New York beautiful for future generations.

Additionally, stores covered under the NYS Plastic Bag Reduction, Reuse and Recycling Act will still be required to collect plastic bags and other film plastics from consumers for recycling. [Film plastics](#) include items such as bread bags and plastic wraps that come over cases of water, paper towels and other similar items). As a consumer, you can help by continuing to recycle these items at participating retailers.

Safe Lanes Bike Lane Reporting Platform

Did you know that you can make roads safer by bikers by reporting obstacles? See a bike lane blocked by a car, delivery truck, police officer, etc.? [Report it using Safe Lanes](#).

Clean Heating and Cooling Communities

Clean Heating and Cooling Communities Campaign is aimed at getting groups of homes and businesses in New York State to install clean heating and cooling (CH&C) technologies. CH&C technologies like ground source heat pumps, air source heat pumps, solar heating and cooling, and [biomass](#) can help lower energy bills and reduce emissions of harmful greenhouse gases while making homes and businesses more comfortable. NYSERDA is supporting communities in implementing multi-year community-based outreach and education campaigns. Building on the success of community campaigns like [Solarize](#), NYSERDA is tapping into the power of communities to increase consumer awareness of CH&C technologies and their benefits, help reduce installation costs, and jump-start the CH&C market. CH&C Campaigns help homes and businesses in the same area install these technologies through locally organized community outreach. Community members can negotiate rates collectively, select an installer competitively, and decrease up-front costs by enrolling in a local campaign. For more info, visit [here](#).

NYSERDA Green Jobs Green New York Energy Studies

Small businesses and not-for-profit organizations are eligible for an energy study that identifies and analyzes opportunities to make their buildings more efficient. The energy study includes: A comprehensive walk through of the facility; site staff interviews; utility bill analysis; fuel-neutral, unbiased evaluation of potential low-cost/no-cost and capital improvement energy efficiency upgrades; and a report that outlines potential energy and cost savings opportunities for your facility. Once the study is complete, you receive assistance in identifying potential utility incentives and low-cost financing options to help take the next steps toward implementing energy saving projects. There is a cost-share for the energy study, which is based on the number of full time equivalent employees. For more information call Michelle Wooddell at 1-888-338-0089; email info@NYEnergyStudy.com; or visit [here](#).

Meat and Produce Donations Welcome by Hawk Creek

Hawk Creek Wildlife Center accepts meat and organic produce donations for their animals. Consider donating your game meat, bones and organic animals. For more information, contact tiffany@hawkcreek.org or call 716-652-8646. Donations are tax-deductible.

Restaurant Sustainability Tool

Have you tried our new free online [sustainability tool](#) yet? The interactive online tool helps determine a restaurant's level of sustainability in the categories of energy, water, waste, food, chemicals, building, and disposables/reusables. With this information, a restaurant can determine if it would meet any of the 4 levels of becoming a Certified Green Restaurant®. It's a great tool to help a restaurant further its sustainability journey. The whole program takes about 15 minutes. [Click here to begin](#). Check the [Green Restaurant Association Education Portal](#) on our website! Head there to watch exciting sustainability videos and learn important facts about our seven environmental categories: disposables, chemicals, waste, water, energy, food, and building.

Two NOAA Webinar Series to Check Out!

Here are two NOAA webinar series you can sign up to follow. The [NOAA National Marine Sanctuary Webinar series](#) presents scientific and educational expertise, resources, and training in support of ocean and climate literacy in the classroom. The [NOAA One Science Seminar Series](#) presents new science from across NOAA.

Mapping the Course of Climate Change

A new mapping application helps visualize projected climate change by comparing the projected climate of a city with the current climate in alternate locations, helping people to develop an understanding about global warming and its effects. Learn more about the map [here](#) and access the application at <https://fitzlab.shinyapps.io/cityapp/>.

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](#).

Solar-Powered Heritage Carousel Opening Planned for 2020

A solar-powered historic carousel is planned for Canalside in July, 2020 at Canalside. 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 as they still need donations to meet their goals. The groundbreaking for the building occurred in October and construction will take place over the next eight months. For info, visit <http://buffaloheritagecarousel.org/>

Report *Cladophora* on Shorelines

Help us understand and monitor *Cladophora*, a non-harmful green alga, by reporting observations along Lake Erie, Lake Ontario, Niagara River and St. Lawrence River Shorelines. *Cladophora* is a type of stringy (filamentous) algae that grows on rocks, wood, logs, and other hard underwater surfaces in freshwater ecosystems, including the Great Lakes basin. For pictures, visit <http://www.dec.ny.gov/chemical/81962.html>. If you spot this type of stringy algae along New York's Great Lakes shorelines, DEC wants to know. Please use [fillable PDF](#) and e-mail to GLCladophora@dec.ny.gov.

DEC Launches Tool to Increase Transparency and Access to Data and Reports

DEC recently launched an interactive map that provides access to DEC documents and public data about New York's environment and outdoor recreation resources. You can use the tool to find places to view wildlife, locate areas with fishing rights and find conservation easements. To access the mapping application, visit the [DECinfo Locator web page](#).

Guide to Talking about Climate Change with Kids

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

Pesticide-treated Seeds May be Responsible for Songbird Decline

A recent study suggested that seeds treated with neonicotinoid pesticides could be behind loss of songbirds. Eating even one or two seeds treated with neonicotinoid pesticides suppresses birds' appetite, causing weight loss that delays migration and potentially contributes to the steep decline in North American songbird populations, researchers reported in *Science*. Though eating a few seeds treated with neonics does not kill birds, it does cause an average loss of 9% to 17% in crucial body fat, and may render them unable to breed. Read more [here](#)

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!

Current NY Environmental Bills List

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

Family Activity: Can you Reduce your Utility Costs with Trees

Did you know you can reduce heating and cooling costs by strategically planting trees around your home? In this activity you will use **i-Tree Design** – an online tool by the US Forest Service – to determine where to plant trees for maximum energy savings. For instructions to guide you through the activity, visit <https://www.plt.org/family-activity/teaching-with-itree/reduce-your-utility-costs/>.

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

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

Business Membership Program to Encourage Greener Commuting

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

Municipality Rebates for Zero-emission Vehicles and Grants for ZEV Infrastructure

The 2019 round of DEC's municipal ZEV program is now open. Full details may be found in the Request for Applications (RFA) at <http://www.dec.ny.gov/energy/109181.html>. A total of \$500,000 will be distributed in this round on a first-come, first-served basis for clean vehicle rebates which include plug-in hybrid, all-electric, and hydrogen fuel cell vehicles. Applications for the Municipal Clean Vehicle Rebate Program on a rolling basis through 4:00 pm on July 24, 2020 or until funding is exhausted. A total of \$2,500,000 in grants will be distributed for infrastructure to municipalities that installed (or will install) hydrogen filling station components or electric vehicle supply equipment (EVSE) that is Level 2 or direct current fast charge (DCFC). DEC is accepting applications for the Municipal ZEV Infrastructure Grant Program on a rolling basis through 4:00 pm on May 29, 2020 or until funding is exhausted, whichever occurs first.

Nonprofit Funding for Green Energy

Sun Club is [accepting grant applications](#) from nonprofits that need green funding and clean energy expertise. By funding sustainable solutions for nonprofits, Sun Club helps them continue their mission while contributing to a cleaner environment.

Personal Plastics Calculator

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

NYSERDA Farm Energy Audits

NYSERDA offers free energy audits to identify energy efficiency measures for eligible farms and on-farm producers, including but not limited to: dairies, orchards, greenhouses, vegetable growers, vineyards, grain dryers, and poultry/egg. Farms must be customers of a New York State investor-owned utility and contribute to the System Benefits Charge (SBC). Please check your farm's current electricity bills to determine if you pay SBC. Farms can request an energy audit through the Agriculture Energy Audit Program.

Your Guide to Farmer Grants in the Northeast

Farm Credit East compiled a comprehensive report of farming grants offered in the northeast. The report is organized by first listing federal/regional grants, and then by state. However, federal resources are applicable to all farmers. Review [here](#).

New Resources Available to Reduce Hazardous Waste & Save Money

DEC has developed a resource guide for hazardous waste generators to reduce waste and save money. Resources include archived webinars presented by the New York State Pollution Prevention Institute (NYSP2I) on topics such as How Your Facility Can Reduce Hazardous Waste and Save Money and Best Practices for Sustainable Manufacturing. <http://www.dec.ny.gov/chemical/110901.html>.

Birds Tell Us it is Time to Take Action on Climate Change

If an ecosystem is broken for birds, it is impacting us too. Audubon Society has released their [Survival by Degrees: 389 Bird Species on the Brink](#), which is a ground-breaking report that forecasts the impact that climate change will have on North American birds.

Juice Bar Makes its Cups from Peels

International design firm Carlo Ratti Associati has developed an experimental circular juice bar that uses orange peels to make deliciously fresh-squeezed juice but that's not all. Using filament made from the leftover orange peels, the "Feel the Peel" machine then 3D prints disposable cups to drink the refreshing juice on the spot. For photos and video, visit <https://inhabitat.com/innovative-orange-juicer-3d-prints-bioplastic-cups-out-of-leftover-orange-peels/>

Save and Share Seeds for Conservation

When you save, grow, and share rare seeds you are helping to build a more secure food future. Visit <https://www.globalseednetwork.org/> to learn to successfully collect, save, and store seeds. You can preserve plant diversity and protect our public food system from corporate consolidation by saving, posting, and sharing seeds with a global community of farmers and gardeners.

Reduce Your School's Food Waste with New Toolkit

In celebration of Earth Day, The Center for Green schools released the *Sharing the Table: A Roadmap to Reducing and Recovering Surplus Food in Schools*, a toolkit to help school stakeholders create and implement programs to reduce and recover surplus food. **[Download the toolkit today.](#)** The creation of this Roadmap seeks to lower the barriers for school districts interested in reducing and recovering their surplus food in the hope of strengthening connections to their community and seeing a dramatic reduction of food waste.

Online Database for Funding Sustainable Materials Management

The Syracuse University Center for Sustainable Community Solutions (SU-CSCS) is excited to announce the recent launch of an online database for grants, low interest loans, and other funding opportunities to support sustainable materials management (SMM) initiatives and activities across NY. Switching to an online platform will aid users in locating funding more quickly and easily, as well as enable SU-CSCS to update the resource on a more consistent basis. Learn more about how to access funding resources [here](#).

Green Schools Digest-Free e-book

In this e-book you'll learn some of the leading sustainability strategies being employed by education facilities across the United States. From daylighting to onsite power generation to green cleaning, you'll glean new ways to make your school or university leaner, greener, and more attractive to environmentally-minded students and faculty, as well as your community. To download, visit https://eb.informabi.com/Green-Schools-Digest?code=UM_Email091318ACTIVE

School Energy Benchmarking Services

The Pre-kindergarten through Grade 12 (P-12) Schools Initiative - Benchmarking Program is available to provide up to three years of free energy benchmarking services to eligible schools. Benchmarking is a mechanism to measure, track and assess a building's utility, greenhouse gas, cost and energy metrics over time or comparatively to other similar buildings. Benchmarking will help schools better understand their energy use, identify inefficiencies, maximize energy performance, and support financial planning and budgeting. To submit an application, schools are required to meet general eligibility requirements. For more information about the Benchmarking Program and upcoming webinars, visit nysenda.ny.gov/All-Programs/Programs/P-12-Benchmarking-Program.

Watch the NOAA TRASH TALK Webinar for Educators

In addition to the special feature video, this webinar provides fun activities that you can organize after the film! It's a perfect event for museums, zoos, aquariums, learning centers and schools. Find the [archived webinar and activities here](#)

Teacher's Resources

[Interactive Website on Marine Life](#)-keep scrolling down until you hit the ocean floor to see/sea what lives at various ocean depths

[Climate of Change: Interactions and Feedbacks of Water, Air and Ice](#)-This module has a **positive focus on adaptations to climate change**. Activities provide students opportunities to think locally, regionally, and globally. They drive thinking about climate change and social vulnerability. This leads to better informed citizens, empowered to make more responsible decisions.

[The Nature of Teaching](#) includes formal standards-based curricula and informal activity-based curricula all centered around getting youth outside. The three program areas of the formal curricula include: Wildlife, Health and Wellness, and Food Waste. Each program area provides standards-based lesson plans free as a downloadable PDF. Lesson plans are classroom ready for grades K-12.

[Go Bats for Bats with Project Learning Tree](#)

[Marine Activities, Resources & Education](#)-Tap into your students' natural curiosity about the ocean to teach important science concepts while addressing Next Generation Science Standards!

[Exploring Sustainability in the Classroom](#)-will make your safari toward a sustainable school and world an enjoyable journey.

[Living Landscapes – Culture, Climate Science and Education](#) is a diverse collection of online resources and instructional materials for high school and college. What makes it unique is the perspective of native nations that is woven throughout and the blend of traditional indigenous knowledge and current climate science research that permeates the materials.

[H2O for Life](#) provides a service-learning opportunity for schools in the United States that helps teachers and students raise awareness about the [global water crisis](#) while taking action to provide funds for a water, sanitation, and hygiene education project for a partner school in the developing world.

[Reading Guide to Support Climate Education](#) will help you bring climate change books to your English/Language Arts classes, book clubs, science classes, and beyond. Climate change fiction and non-fiction books are included, along with book summaries, reading levels, discussion questions, and relevant news articles to bring the content to life.

[Energize Colleges Free Curriculum Resources](#)- A program of Strategic Energy Innovations, Energize Colleges is an energy education program that offers free curricula that advance energy and sustainability education and workforce development through experiential learning.

[Plastic pollution and Cleanup](#)- This guide has been specifically designed to help anyone plan and host a successful and impactful cleanup event. Whether you are a youth or an adult, if you live near a beach, river, or lake, everyone has the ability to make a change. Every ounce of single use plastic prevention helps; even removing one piece of plastic from the ocean could save the life of an animal.

[E-STEM activity with Bird Nests](#)-summary of an activity learning about bird nests and building them with different materials.

[Water Scarcity and Perseverance: A Humanities Module](#)— co-produced with Lowell School! It is geared for students in grade 6-8.

[NOAA's Data in the Classroom](#)- students use real-time ocean data to explore today's most pressing environmental issues, and develop problem-solving skills employed by scientists. Access online and classroom-ready curriculum activities with a scaled approach to learning and easy-to-use data exploration tools.

[Climate Education Week](#): This Toolkit is a web-based, cross-disciplinary resource that includes a range of lesson plans and educational activities focused on the issue of Biodiversity. Teachers can utilize any or all activities from this Toolkit during Climate Education Week or anytime during the academic year!

[Animal Migration](#)- This activity guide is full of fun ways to learn about animal migrations in the US. Designed for elementary age kids, it can be used in a classroom as a worksheet or at home for some easy activity ideas.

[Racing Extinction](#)-Curriculum on endangered species.

[Y-PLAN](#) (Youth – Plan, Learn, Act, Now) is a unique, award-winning educational strategy that empowers young people to tackle real-world problems in their communities through project-based civic learning experiences. If you're an educator or civic leader outside of where we are currently working, we provide a free toolkit to do a "Do-It-Yourself" Y-PLAN.

Contests and Awards

[The Presidential Environmental Youth Awards \(PEYA\)](#) recognizes outstanding environmental stewardship projects from grades K-12, by promoting environmental awareness and encouraging community involvement. EPA will select up to two winners in each of EPA's 10 Regions – one regional winner for grades K-5, and one regional winner for grades 6-12. Winners will be invited to participate in an awards ceremony and poster session in Washington, D.C. in mid-2020, and projects will also be highlighted on EPA's website. All student projects must be sponsored by at least one adult over the age of 21. Deadline: **January 15, 2020**.

[The Presidential Innovation Award for Environmental Educators \(PIAEE\)](#) recognizes outstanding teachers for K-12 who employ innovative approaches to environmental education. Up to two teachers from each of EPA's 10 regions, from different states, will be selected to receive this award. Teachers will receive a Presidential plaque and an award of up to \$2,500 to be used to further professional development in environmental education. Winning teachers' local education agencies will also receive awards of up to \$2,500 to fund environmental educational activities and programs. Winners of next year's awards will be invited to participate in an awards ceremony and poster session in Washington, D.C. in mid-2020, and projects will also be highlighted on EPA's website. Deadline: **January 15, 2020**.

[Toshiba/NSTA ExploraVision science competition](#) encourages K-12 students to imagine what technology might be like in the future while experiencing scientific process and discovery in an engaging, hands-on way. Let's empower the next generation of inventors, scientists and leaders. It's not too late to register your teams! Deadline: **February 10**.

[The Ocean Observing Prize](#) consists of two competitions that are designed to incentivize accelerated innovation in marine energy and ocean observations. The first competition, the DISCOVER Competition, will solicit novel concepts that integrate ocean observing technologies with marine energy systems to address end-user needs across five broad themes: (1) Unmanned Vehicles; (2) Communications and Underwater Navigation; (3) Extreme Environments; (4) Buoys, Floats, and Tags; and (5) Blue Sea Ideas (i.e., other). After the DISCOVER Competition, the second competition, the DEVELOP Competition, will focus on a single theme and challenge contestants to develop their ideas into a functioning prototype." Deadline: **February 12**.

[ee360 Community EE Fellowship program](#) to inspire leaders to address environmental challenges and help build community resiliency. Deadline: **February 14**.

[2020 Ocean Awareness Contest](#) -Students (11 to 18) are invited to create visual art (any medium), poetry, prose, music, film, or interactive and multimedia that explores the climate crisis, its impact on oceans, and the role of hope in creating transformation at local, national, or global scales. Students can submit as individuals or as a class, group, or club. Free to enter. Deadline: **June 15, 2020**.

Grant and Scholarship Opportunities

[2020 Environmental Education Grants Program](#)- will award three to four grants in each of the agency's 10 regions. In addition to other environmental topics, the 2020 Environmental Education Grants Program will fund education-based projects pertaining to marine debris mitigation, food waste and loss reduction, and recycling. Funded projects will both increase public awareness on various environmental matters and enhance participants' abilities to make informed decisions on environmental issues prospectively. Deadline: **Jan. 6, 2020**

[Great Lakes Restoration Initiative: Cooperative Weed Management Areas](#)-The goal of this program is to detect, prevent, eradicate, and/or control invasive plant species to promote resiliency, watershed stability, and biological diversity. For more information and to apply, visit the [Forest Service's website](#). Deadline: **January 10, 2020**.

[Local Forestry Grants for Municipalities](#)-TD Bank and the Arbor Day Foundation have teamed up to offer municipalities \$20,000-\$25,000 grants for local forestry projects. These TD Green Space Grants will offer North American municipalities support for creative programs and projects that use green infrastructure development, tree planting, forestry stewardship, and community green space expansion as a way to advance environmental and economic benefits toward a low-carbon economy. The 2020 theme for the program is, "Beat the Heat: Using Green Infrastructure to Cool Down Urban Heat Islands." Preference will be given to [Tree City USA communities](#) or those interested in becoming a Tree City USA community in 2020. Deadline: **January 17, 2020**.

[Population and Ecosystem Dynamics Federal Funding Opportunity](#) - The NMFS-Sea Grant Fellowship Program in Population and Ecosystem Dynamics expects to award at least three new Ph.D. Fellowships in 2020 to students who are interested in careers related to marine ecosystem and population dynamics, with a focus on modeling and managing systems of living marine resources. These fellowships can provide support for up to three years. The emphasis will be on the development and implementation of quantitative methods for assessing marine ecosystems, for assessing the status of fish, invertebrate, and other targeted species stocks and for assessing the status of marine mammals, seabirds, and other protected species. Deadline: **January 20, 2020**.

[Marine Resource Economics Federal Funding Opportunity](#) - The 2020 NMFS-Sea Grant Fellowship Program in Marine Resource Economics expects to award one new Ph.D. Fellowship each year to students who are interested in careers related to the development and implementation of quantitative methods for assessing the economics of the conservation and management of living marine resources. This fellowship can provide support for up to three years. Deadline: **January 20, 2020**.

[Funding Available for Projects that Support Protection and Restoration of Great Lakes](#)- DEC and Great Lakes Research Consortium Announce More Than \$125,000 in Grants Available for Great Lakes Research in New York. To be eligible, funded projects must help to address one or more Great Lakes Action Agenda priority goals: persistent toxic substances; sediment, nutrients, and pathogens; invasive species; coastal resiliency; smart growth; recreation and tourism opportunities; energy; and how new and emerging technologies and uses can be applied to current and future Great Lakes issues. Deadline: **January 24, 2020**.

[Five Star and Urban Water Restoration Grants](#)-The National Fish and Wildlife Foundation (NFWF) and the Wildlife Habitat Council are soliciting applications for the 2020 Five Star and Urban Water Restoration Program. The Five Star and Urban Waters program will award approximately \$1.5 million in grants nationwide to applicants who will develop community capacity to sustain local natural resources for future generations. The grant will provide modest financial assistance to diverse local partnerships focused on improving water quality, watersheds, and the species and habitats they support. Projects include a variety of ecological improvements, along with targeted community outreach, education and stewardship. Deadline: **January 30**.

[Funding for Organic Agriculture Research and Extension Initiative](#)-OREI solves critical organic agriculture issues, priorities, or problems through the integration of research, education, and extension activities. This program funds projects that will enhance the ability of producers and processors who have already adopted organic standards to grow and market high quality organic agricultural products. Deadline: **January 30**.

[Watershed STEM Education Partnership Grants](#)-resources to increase participants' understanding and stewardship of local watersheds and related ecosystems and bring environmental education programming to 21st Century Community Learning Centers students during non-school hours. Deadline: **February 6**.

[Conservation Collaboration Grants](#)-USDA's Natural Resources Conservation Service (NRCS) is accepting proposals for Outreach to Assist Historically Underserved Groups projects of \$250,000 to \$1 million. Also, Collaboration on Strategic Natural Resource Issues projects can receive \$500,000 to \$2 million. Projects should target agricultural producers in multiple states, including Tribal, socially disadvantaged, limited-resource or beginning farmers and ranchers, as well as veteran farmers or ranchers. Deadline: **February 7, 2020**.

[FY 2020 EJ Collaborative Problem-Solving](#)-awards for local community-based organizations, tribes, and tribal organizations seeking to address environmental and public health concerns in local underserved communities through collaboration with other stakeholders, such as local businesses and industry, local government, medical service providers, and academia. Deadline: **February 7, 2020**.

[Tibor T. Polgar Fellowship](#) is a student research program conducted through the Hudson River Foundation in cooperation with the New York State Department of Environmental Conservation, providing a summertime grant (\$5,000 for each fellowship) and research funds (up to \$1,500) for 8 college students (undergraduate or graduate) to conduct research on the Hudson River. The objectives are to gather important information on all aspects of the River and to train students in conducting scientific studies and public policy research. Deadline: **February 10**.

[The U.S. Environmental Protection Agency \(EPA\) PFAS Impact on Water Quality Grants](#)-to help improve the agency's understanding of the potential impacts of per- and polyfluoroalkyl substances (PFAS) on water quality and availability in rural communities and agricultural operations across the United States. Specifically, the agency is seeking research on PFAS occurrence, fate, and transport in water sources used by rural communities and agricultural operations and new or improved PFAS treatment methods appropriate for small drinking water and wastewater systems including influents, effluents, and biosolids/residuals. Deadline: **Feb. 11, 2020**.

[Great Lakes Restoration Initiative](#) (GLRI) grant program is focused on keeping trash out of the Great Lakes. Approximately \$2 million is available through the Trash-Free Great Lakes program to fund up to 12 projects. Eligible projects include Great Lakes beach and shoreline cleanup projects, which could include funding for single entities to organize clean ups in multiple communities. Great Lakes harbor and river cleanup projects, which could include the purchase of trash collection and removal equipment capable of operating in water. EPA will host a webinar on January 7, 2020, at 1 p.m. CST to provide additional information and answer questions. To register for the webinar or learn more about the request for applications, visit <https://www.epa.gov/great-lakes-funding/trash-free-waters-rfa>. Deadline: **Feb. 14, 2020**.

[New York State Wetlands Student Research Grant](#)-to financially support candidates in producing and sharing independent research focusing on wetlands. Applicants must be currently enrolled as either a matriculated graduate student or junior or senior at a recognized four-year accredited college or university, must be participating in an independent research project with a focus on wetland science/issues relevant to New York State. Class or group projects are not eligible for consideration. Candidate must have at least a cumulative 3.0 grade point average. Deadline: **February 15, 2020**.

[Farmers Advocating for Organic](#) (FAFO) is a grant program funded by contributions from Organic Valley farmers. Grants are awarded to research, education, and advocacy projects that advance FAFO's mission: to protect and promote the organic industry and the livelihood of organic farmers. FAFO is currently prioritizing projects that focus on Understanding Organic or Cultivating CROPP Cooperative Community. Nonprofit organizations and academic/research institutions are eligible to submit a letter of interest. Deadline: **February 15, 2020**.

[Farmland Access Outreach Grants](#)- Eligible land trusts working to advance farmland protection strategies identified by counties and municipalities throughout the state are invited to apply for funding. These competitive grants of up to \$50,000 are available to land trusts to help develop local inventories of viable farmland and protect properties from conversion to non-farm uses. Deadline: **February 21**.

[John A. Knauss Marine Policy Fellowship Program](#)-The Sea Grant fellowship provides a unique educational and professional experience to graduate students who have an interest in ocean, coastal and Great Lakes resources and in the national policy decisions affecting those resources. Named after one of Sea Grant's founders and former NOAA Administrator John A. Knauss, matches graduate students with "hosts" in the legislative and executive branch of government in the Washington, D.C. area, for a one year paid fellowship. Deadline: **February 21, 2020.**

[NY Water Environment Association Scholarships](#)-will be offering \$50,000 in scholarships in 2020. If you are looking for Chapter Scholarships, please visit the [Chapter Page](#) for your geographic area. Deadline: **February 28.**

[Value-Added Producer Grant \(VAPG\) program](#) -U.S. Department of Agriculture's (USDA) Rural Business-Cooperative Service VAPG supports farmers in the development of value-added producer-owned businesses, ultimately helping farmers earn a larger share of the retail food dollar. Deadline: **March 5, 2020.**

[Mark B. Gain Graduate Fellowship](#)- the Foundation will award up to six full-time research fellowships to advanced graduate students conducting research on the Hudson River system. A fellowship awarded to a doctoral student will include a stipend consistent with the policy of the student's graduate institution, in an amount of up to **\$19,000** for one year, and an incidentals research budget of up to **\$1,000**. A fellowship awarded to a master's level student will include a stipend consistent with the policy of the student's graduate institution, in an amount of up to **\$15,000** for one year, and an incidentals research budget of up to **\$1,000**. Deadline: **March 9.**

[Power of Youth Challenge](#) - Through the Power of Youth Challenge, teams of at least 3 youth ages 13-18 will receive coaching and support to develop their projects. Every team that signs up will have access to financial support in the form of mini grants of up to \$250. Deadline: **Ongoing through June 30**

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

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

[Residential Curbside Recycling Cart Grant Program Request For Proposals](#)- to advance recycling in communities by offering financial and technical assistance to support the implementation of cartbased curbside recycling. The Partnership offers communities the chance to apply for funding to support the acquisition of recycling carts, with the goal of expanding access to cart based recycling collection by converting bin or bag-based curbside recycling collection programs to cart-based collection, or by supporting the implementation of new curbside cart-based collection. Deadline: **Rolling.**

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

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

[NIEHS Conference Grants](#)-The mission of the National Institute of Environmental Health Sciences (NIEHS) is to discover how the environment affects people in order to promote healthier lives. Conference grant applications have a direct relationship to advancing the mission of NIEHS. In order to be responsive, all conference grant proposals must focus on or clearly indicate relevance to advancing our understanding of the role of environment and/or gene-environment interactions in disease/dysfunction. **Deadline: Rolling.**

[Food Waste Grants](#) - will provide reimbursement to businesses that generate over one ton of food waste per week to offset cost of select technologies and equipment that promise to reduce or divert that food waste from landfill or incineration. Eligible projects must reduce and/or divert wasted food at a New York State business including, but not limited to, supermarkets, restaurants, and hospitals. Monies from this program will help food scrap generators implement food waste reduction recommendations, purchase capital equipment used in food donation, and create, improve, and expand diversion efforts to on and off-site compost and anaerobic digestion facilities. **Deadline: Rolling.**

[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.

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

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

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

[Cornell Douglas Foundation](#)- Its mission is to provide small grants to organizations which promote the vision of the foundation: advocating for environmental health and justice, encouraging stewardship of the environment, and furthering respect for sustainability of resources. **Deadline: Rolling.**

[Youth Pollinator Gardens Grant](#)- up to \$200, are available for projects that include educational materials on the vital role pollinators play in nature and youth involvement in planning and planting gardens providing nesting and food sources for pollinators. To apply for a grant, complete an NGC Grant Application, provide detailed information about the project, and submit your request to the NGC Youth Committee Chairman for approval.

[Saving Species](#)- We help local conservation groups purchase land for conservation and habitat restoration, and may consider projects for restoration of habitat on land that is within an existing protected area. 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.**

[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.**

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

[Doris Duke Environment Program Grants](#) -For Nonprofits registered and working in the US. Permanent land protection (i.e., the acquisition of conservation easements or fee title interests to secure high-priority sites), management of lands already in protected status, and more. **Deadline: Rolling.**

[WalMart Community and Education Grants](#) . Rolling Deadline, but minimum 6 month lead time advised. 501 (c) (3) organizations, schools, religious organizations and government agencies for requests over \$250. For requests under \$250, get a local donation form from your nearest Walmart at the customer service desk.

[Environmental Research and Education Foundation](#). Open. All educational materials for sustainable solid waste management, including conferences or events, which advance the foundation's educational mission. Grants are typically not provided to support the development of educational projects.

[Toshiba America Foundation](#). Rolling deadline. Grades 6-12 Teachers. Under \$5,000. Inquiry based projects designed by teachers and teacher teams for use in the classroom. **Deadline for grants over \$5,000 is August 1.**

[KaBOOM! Let's Play Engineered Wood Fiber Surfacing Grants and Let's Play Maintenance Grants](#)- awards grants of \$750 each to communities who wish to top-off their Engineered Wood Fiber safety surfacing or who are working to make their existing playgrounds cleaner, safer and more inviting. **Rolling deadlines.**

[J-Serve Start-Up Grants](#)-J-Serve is the International Day of Jewish Youth Service. Grants are available for \$500 micro grant to communities that plan and execute projects that bring a minimum of 10 and maximum of 74 Jewish teens together in partnership with a least two movements or agencies in the community. **Rolling deadline.**

[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. 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.

[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

[Internship with Buffalo Niagara Waterkeeper](#)-All internships are voluntary. Interns may choose to complete an internship for college credit, if their educational institution allows. Deadline: **January 8**.

[Coordinator for the Erie County Low Income Program for Sustainable Energy \(ECLIPSE\)](#)-Erie County. This is a new initiative to develop a community energy program to address energy affordability for low and moderate income residents. It will include a community solar project, and close collaboration with the County's HEAP program.

[Executive Director with Buffalo Audubon](#)- The ideal candidate will have program planning and leadership expertise, the ability to lead and manage the staff, and will serve as the lead ambassador and chief fundraiser.

[Engagement Officer with Penn Dixie](#)- full time to lead fundraising and community engagement efforts. Applications will be accepted until the position is filled.

[Science Educator with Penn Dixie](#)-is responsible for tours, educating guests, admissions and retail transactions. Part-time, seasonal beginning in April.

[Landscape Designer](#)- Buffalo Niagara Waterkeeper. Responsible for assisting with organization-wide projects and programs in support of Buffalo Niagara Waterkeeper's mission to protect and restore our water and surrounding ecosystems while connecting people to water. This position will be part of a team working under the direct supervision of a Registered Landscape Architect to undertake aspects of site planning, development, design, and implementation of public access, natural resource, upland, and aquatic restoration projects. Deadline: **January 26**.

[Program Director](#)-Buffalo Niagara Waterkeeper is hiring for several positions. Deadline: **January 26**.

[Crew Assistance Program](#)-We are now accepting applications for our 2020 Crew Assistance Program! Our 3-person Crew will be available to work with our partners June through September on projects that require invasive species surveys & mapping and invasive species removal & habitat restoration. Deadline: **Monday, January 27** to be considered. Questions can be directed to Lucy Nuessle, Terrestrial Projects Manager at nuessllm@buffalostate.edu or (716) 878-4708.

[4-H Educator 20 hours a week](#)-CCE of Chautauqua County is seeking an educator for the 4-H Program deliver Science, Technology and in School Agricultural Education. Part-time position. Associates degree and ability to meet travel requirements required. Experience in youth development required. All applications must be submitted online by **January 31, 2020**.

[Invasive Species Management Steward, Niagara Region](#)-The Student Conservation Association (SCA) in conjunction with NYS Office of Parks, Recreation and Historic Preservation is hiring an Invasive Species Management Steward to help map, remove, monitor and communicate about invasive species within selected parks.

[Special Programs Host: Aquarium of Niagara](#)-part-time, this position shall assist with the operations and functions of the Education Department of the Aquarium of Niagara.

[Animal Behavior Manager/Animal Keeper III](#)-Buffalo Zoo.

[Executive Director for WNY STEM Hub](#)- must lead, advocate for, coordinate and champion innovation through STEM by mobilizing key community partners in delivering transformational programs that initiate a lifelong passion for STEM learning and careers. WNY STEM Hub has an extensive regional network of cross-sector relationships, is an initiative of the United Way of Buffalo and Erie County, the UB Center for Integrated Global Biomedical Sciences, the Empire State STEM Learning Network and is recognized internationally as a STEM Ecosystem and as a Regional Partner of Code.org.

[Buffalo Community Organizer](#) -Mothers Out Front believes in the power of women taking collective action and seeks a talented and passionate organizer located in the Buffalo area to join our team and help build a diverse and powerful movement of mothers, grandmothers, and caregivers stepping up in big ways to take action on climate change. As the Buffalo Community Organizer, you will work to build community teams who carry out effective local campaigns that move decision makers to make child-centered climate decisions.

Buffalo Niagara Waterkeeper seeking new, talented and passionate individuals who care about our environment to join our dedicated team. If you would like a career that makes a real difference in the Great Lakes community with a highly respected organization that offers a variety of opportunities for professional development, career advancement, flexible schedules and working locations, and exciting, innovative and impactful work, all while earning competitive wages and benefits, then consider applying to join our team. [SEND US YOUR RESUME](#)

[Americorps Vista](#)-Serve Buffalo community for one year, earn living allowance, limited health benefits and educational award. Email jdahir@city-buffalo.com for info.

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

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

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

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

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

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

Citizen Science

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

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

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

[Other Citizen Science Programs](#)

Upcoming Community Activities:

Wednesday, January 1

First Day Hike-11am. Ring in New Year's Day with a hike led by a DEC Forest Ranger, who will discuss how to prepare for any outdoor adventure. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

First Day Lake and Forest Exploration-9 to 11am. [Evangola State Park](#). Celebrate the New Year and explore the park's beach, forest and wetland trails! *For more information & registration call (716) 549-1050.*

A Gorgeous First Day Hike!-10am to 11:30am at [DeVeaux Woods State Park](#). Start the New Year off with a relaxing hike through an old growth woods and see what's new at DeVeaux Woods State Park. *For more information & registration call (716) 282-5154.*

First Day Big Tree Hike-10am to noon at [Knox Farm State Park](#). Start your New Year off right with an invigorating hike through Knox Farm State Park and visit the park's largest trees! *For more information & registration call (716) 549-1050.*

First Day: Let's Go to Niagara Falls!-2 to 4pm at [Niagara Falls State Park](#). Join us for an afternoon stroll as we welcome the first day of the New Year at Niagara Falls! Along the way we'll share stories of America's oldest state park! *For more information & registration call (716) 282-5154.*

First Day at the Fort- 2 to 4:30pm at [Fort Niagara State Park](#). Join us for a tour of the Officer's Club to view the stunning murals and museum displays, followed by a walk to view the War of 1812 Cemetery, the lighthouse, and Old Fort Niagara from the parking lot. (The Fort is Closed on New Year's Day.) *For information and registration call (716) 282-5154.*

5th Annual New Year's Day Hike for your Health- Pfeiffer Nature Center. Details at <http://pfeiffernaturecenter.org/nature-blog/>

Christmas Bird Count: Dunkirk / Fredonia- Contact Compiler: Joanne Goetz (716-673-1627 or goetz@netsync.net) for more info.

Thursday, January 2

Orchard Park Garden Club-1pm at Orchard Park Presbyterian Church, 4369 S. Buffalo St., Orchard Park. Sign-ups begin at 1 p.m. with refreshments at 1:30 and the program at 2. Tom Anderson, assistant district manager with The Davey Tree Expert Co. and International Society of Arboriculture Certified Arborists, will give a PowerPoint presentation covering: Key invasive species affecting our local trees, Common landscape problems in the urban environment and Basics of tree care.

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

Friday, January 3

Buffalo Geological Society Meeting-7:30pm at Heritage Discovery Center, 100 Lee Street, Buffalo NY.

Saturday, January 4

Horticulture 2-11am-1pm at Botanical Gardens. Garden Members \$108/series, \$18/class, General Public \$138/series, \$23/class. Refresh your gardening skills, learn new concepts and ideas, and explore the botanical world with classes designed and led by David R. Clark, Horticulturist & CNLP. Great for beginners or gardeners wishing to brush up on their skills. Perfect for gifts, or share the experience with friends! Those who complete each series will be presented with a certificate upon completion. [Register](#). Topic: Water Gardening.

Cabin Fever Series: Ice Bridges of Niagara-10 to 11:30am at Niagara Falls State Park. This month's presentation: Ice Bridge of Niagara. Winter draws people here to enjoy the beauty of ice and snow and see if the "bridge" of ice has formed. Listen and see photos of yesteryear, when people were allowed on the ice! *For information & registration call (716) 282-5154.*

New Year's Bird Hike-9:30am. Celebrate the beginning of a new year with a guided bird-watching hike on the trails. Learn how birds survive the winter and bring your binoculars to spot them! Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Woods Walk: Animal Signs-11am. Join a guided nature walk to search for signs of local wildlife. No registration required. Reinstein Woods Nature Preserve, Depew.

Hot Chocolate Hike- 6 - 7:30 p.m. at Tiff Nature Preserve. | \$7 per participant*, Ages 5 – Adult. Stretch your legs with a guided wintry nighttime walk and warm-up afterwards with delicious hot chocolate and mix-ins indoors. *Hot Chocolate Hikes are sponsored by Fidelis Care. Advance registration required.* [register](#)

Spring Gardening Seminar: Composting/Building your Soil -Free with registration. 2pm at Massachusetts Avenue Project, 387 Massachusetts Ave, Buffalo 14213. To register, email info@urbanroots.org or call 716-362-8982.

Bring a Friend Birding-1 to 3pm. Bring a friend and introduce them to the world of birding at Beaver Meadow Audubon Center! Naturalist Tom Kerr will go over the basics of binoculars, field guides, and everything else you need to know to get started. Binoculars are provided. Pre-registration is required. \$5. 585-457-3228

After the Holidays Recycling-9am to 2pm at the Seneca Street Garage, 1120 Seneca St., Buffalo, 14210. Electronics, Styrofoam, Christmas trees, and textiles accepted. For a complete list, www.buffalorecycles.org

Sunday, January 5

Frontier Building: Vernacular Architecture in Niagara County-1 to 5pm, an ongoing multi-year project organized by the Castellani Art Museum of Niagara University's Folk Arts Program. This project seeks to develop a representative survey of commonplace architecture in Niagara County, raising awareness of the unique built heritage and cultural landscape of the region through a series of exhibitions and publications. Niagara University, Lewiston.

Monday, January 6

Budding Naturalists- 9:00 AM - 11:30 AM. Tiff Nature Preserve. The Budding Naturalists Reggio Emilia inspired drop-off program will use Tiff as an outdoor classroom to nurture your 3-5 year old's natural sense of wonder and curiosity. Let our team of dedicated facilitators inspire your child in our new early childhood classroom and on the Tiff trails! Choose one or two days a week and register monthly or for the entire year! Participants must be toilet trained, no Pull-Ups. Ages: 3-5. Cost: Registration is \$50 (non-refundable). Tuition is \$90/mo for 1 day/week, \$180/mo for two days per week. Register [HERE](#). [Purchase Tickets](#)

Tuesday, January 7

WNY Sustainable Business Roundtable: Why Climate Matters to your Business- a panel discussion to discover what the updated climate science will mean for your company in terms of supply chains, disaster preparedness etc. Get a better understanding on the framework of the CLCPA and how it can impact your business. [Register](#). Free for WNYSBR members, \$25 for others. 8:30-10:30am @ Phillips Lytle, 125 Main St., Buffalo.

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series- Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <http://imaginelifelonglearning.com/lecture-series-winter-2020-schedule/>

Region 9 ReLeaf Meeting- 10 AM – Noon at Parkside Lodge, Delaware Park, Buffalo NY. This meeting is both for ReLeaf and for annual conference planning. Please RSVP to Christina at landsforests@dec.ny.gov if you are a new member interested in attending to be added to the meeting email list!

Wednesday, January 8

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at NFTA, 181 Ellicott St . All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#).

The Foundry Open Tours-Open tours for the public every Wednesday evening at 6pm. Come learn more about youth & adult classes, membership options in our makerspaces or learn more information about how YOU can become a tenant and grow your small business with us. No need to RSVP, just stop by! 298 Northampton Street, Buffalo.

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

Vision Niagara-Meet us at [CBW](#) on 7th Street 4:00 pm! We'll be laying out our action items for 2020 followed by HAPPY HOUR @ 5:00 pm.

SciNight Adult Workshop: Wood + Lasers- 6 to 7:30pm at Buffalo Museum of Science. \$15, adults 18+. Enjoy the smell of the mini campfires as you engrave wood by hand and using our laser engraver. Various projects available. *All materials included.* [Register](#).

Thursday, January 9

Open Buffalo Fundraiser-6 to 8pm. The evening's fundraiser will feature catering by popular Manna @ Northland, your favorite "movement" music, basket auction and more! Each registration includes one drink ticket, cash bar thereafter. Dress is business casual and there is plenty of free and secure parking on site.

If you cannot attend but would like to contribute to the fundraiser, please visit www.openbuffalo.org or contact our development office at 716.243.8777 x108. Get Your Tickets Here at www.openbuffalo.org

Green Drinks Meet up-5:30pm to 7:30pm at Resurgence Brewing Company 55 Chicago Street, Buffalo, NY 14204. This is Resurgence's new location! Please be sure to share this email with your friends or share our Facebook Event (<https://www.facebook.com/events/565314394033236/>). You can also find the most up to date information on our website – www.greendrinks.org/buffalo

Guided Tour: Women Bird Walk Series-Tifft Nature Preserve, 8:30-9:30am. [register](#). \$6 per participant* | Ages 18+. Beginner to experienced woman birders are invited to join us for a welcoming, guided bird walk on the Preserve's trails. Binoculars and introduction to birding provided. *Advance registration required.*

Friday, January 10

Wolf Moon Walk-6:30pm. Take a stroll under the full moon and learn the history of the Eastern coyote in New York State. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Full Moon Owl Prowl- 7:00 PM - 8:30 PM at Tifft Nature Preserve. Whooo flies through the Western New York night sky on silent wings? Join us for an outdoor owl prowling followed by an indoor workshop of hands-on owl activities. **Ages:** 5 to Adult, **Cost:** \$8 per participant (BMS Members save 10%), *Advance registration required.* [Purchase Tickets](#)

Saturday, January 11

Armchair Birding-10am. Enjoy an intimate indoor birding experience as we learn to identify feeder birds while sipping hot drinks. For adults and children ages 12 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Spring Gardening Seminar: Houseplants and Succulents -Free with registration. 2pm at Urban Roots, 498 Rhode Island Ave, Buffalo 14213. To register, email info@urbanroots.org or call 716-362-8982.

Free Snowshoe Demo-10:00 am - 3:00 pm. Paths, Peaks and Paddles is once again organizing the FREE Winter Feels Good/Winter Trails event at Ellicott Creek Park! This will be our 14th year organizing this national event. We will be located next to the sledding hill in the park. Instead of watching the winter months pass by from your windows learn to enjoy the winter and what mother nature has to offer. Snowshoeing promotes health and fitness by only walking! Snowshoeing is a fun activity for **all ages**, for the family and friends. Snowshoeing makes exploring terrain as easy as walking in the summer time. Instructors and Guides will be present to assist you with putting on your snowshoes, the use of poles and walking on the snow. Your instructors and guides will take you on a short tour in the park so you can experience how to walk with snowshoes. We will have available for sale hot drinks to include hot chocolate and the introduction to Russian Tea. Dress for the weather! Ellicott Creek Park. Stop by for details, call us at 716-213-0350 or [contact us](#) (direct link)

Horticulture 2-11am-1pm at Botanical Gardens. Garden Members \$108/series, \$18/class, General Public \$138/series, \$23/class. Refresh your gardening skills, learn new concepts and ideas, and explore the botanical world with classes designed and led by David R. Clark, Horticulturist & CNLP. Great for beginners or gardeners wishing to brush up on their skills. Perfect for gifts, or share the experience with friends! Those who complete each series will be presented with a certificate upon completion. [Register](#). Topic: Practical Principles of Pruning.

Snow Roll Buffalo- Meet at 2:30pm to ride at 3. 318 Pearl St., Buffalo (Landmark on Pearl). Check out GObike's [overview of winter riding](#) to learn how to prepare. Register to participate in these events at www.slowrollbuffalo.org.

In Search of Swans-10am to 12:30pm. Earth Spirit Program at Beaver Island State Park, Marina Lot Exploring wetlands, beaches and woodlands along the Niagara River in search of swans, geese and other unusual waterfowl species. Please bring binoculars or we will provide them if necessary. \$7 - Members \$10 - Non-members. *Please note that pre-registration is required for all events!* Register online at earthspiritedu.org or call us at (716) 941-6267.

Wake Up with Wildlife-9:30-11 am, SPCA, 300 Harlem Rd., West Seneca. Monthly series. Topic-"A Day in the Life of the Wildlife Dept.". Register at yoursPCA.org/WakeupWildlife. \$10 per person. For all ages.

Hemlock Woolly Adelgid Survey-10:00am. Join us Saturday morning for our first survey of the season! We will be surveying the Chautauqua Watershed Conservancy's Dobbin's Woods Preserve located on Bly Hill Road in the town of Ashville. We will meet at 10:00am in the preserve parking lot.

Visit <http://chautauquawatershed.org/index.php/preserves/our-preserves> for directions to the preserve.

Sunday, January 12

GObike Buffalo Community Workshop: Basic Maintenance- 5:30-7:30 pm. This class is an introduction to your bike. We'll cover all the little things that your bike really loves, like where and when to oil it, how to make small adjustments to keep your ride smooth, preventive maintenance and best practices. We also cover what everything is on your bike and how to troubleshoot those mystery noises. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 5:30pm-7:30pm. Cost for classes is \$10 plus any needed supplies & most classes are limited to 10 people. Please RSVP to adam@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Monday, January 13

Buyer-Grower Conference- Field & Fork Network and Cornell Harvest NY co-host for a day filled with business-to-business networking, knowledge sharing, access to financial resources, and building overall awareness of the regional food and ag industries. The Foundry Suites, 1738 Elmwood, Buffalo. [Register](#).

Tuesday, January 14

LISC (Local Initiatives Support Corporation) 20 Year Celebration-9am to 12pm, AcQua Restaurant, **RSVP by Jan. 3** at <https://instituteccd.wufoo.com/forms/zx3aip10ihnwd2/> Come celebrate the unveiling of their newly adopted strategic plan.

The Mountains of Southeastern Arizona: A World Apart- Speaker Joanne Schlegel spent 2015-16 living in this area, exploring the several mountain ranges that contain plants found nowhere else in the U.S. Joanne is a past president of NFBS, and is currently vice president & field trip chairman. (Note: this program has been re-scheduled from November 2019.) 7:30 p.m. on the second Tuesday of each month, September through May, at the Harlem Road Community Center, 4225 Harlem Road, one block south of Main Street in Snyder (except November and April meetings). All welcome.

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series- Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <http://imaginelifelonglearning.com/lecture-series-winter-2020-schedule/>

Kenmore Garden Club- 10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. "Unusual Annuals to Add Variety to Your Garden" will be presented by Peggy Koppman. She is a Master Gardener, a docent at the Buffalo and Erie County Botanical Gardens, a member of Cinderella Isle Garden Club and a retired principal in the Grand Island School system.

ADK Meeting- Fellowship Hall Amherst Community Church Washington Hwy. Snyder, NY 14226 NOTE: Please park in rear and enter through back, (walk up to 2nd floor). Education Workshop: Snowshoe & Cross Country Ski Round Table | 6:30pm. This workshop is for those new to cross country skiing and snowshoeing, and for those with information to share. Presentation: The Great Gorge Route Trolley | 7:00pm. The Niagara Region Parks will be sharing the history of The Great Gorge Route. The rail system ran alongside the Niagara Gorge Rapids between 1895-1935. They will share historical photos and some fascinating stories from that era.

Niagara River Greenway Commission meeting-3PM | Marcy Casino in Delaware Park, Buffalo.

Wildlife-Friendly Weddings-Adult workshop at Tiff Nature Preserve. 7 to 8:30pm. Include planet Earth in your happily ever after! Special guest Sarah Baillie, of the Center for Biological Diversity, will share the new Wildlife-Friendly Wedding Guide on making sustainable wedding choices. Make and take your own waste-free wedding favor seed bomb! *Advance registration required.* [register](#)

Wednesday, January 15

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

Regional Meeting on Food Waste-1 to 4pm at UB South, 403 Hayes Hall. UB and Erie County will host a regional meeting with representatives from the Department of Environmental Conservation and the NYS Pollution Prevention Institute to discuss: An overview of the law and implementation timeline: Presented by the experts at NYSDEC, Resources, services and funding opportunities: How can NYS Pollution Prevention Institute help you? Compliance and best practices: Learn how businesses and institutions are currently donating food and collecting scraps. [REGISTER NOW >](#)

Behind the Scenes Collection Tours: Cabinet of Curiosities- 6 to 8pm at the Buffalo Science Museum. Take a peek into the Vertebrate Zoology Collection's spine-tingling Cabinet of Curiosities to explore the mind bending stories of some of nature's unique freaks, morbid mistakes and seemingly scientific impossibilities! ADULTS 18+, \$25 PER PARTICIPANT (INCLUDES MUSEUM ADMISSION)*, Go behind the scenes to see what few have seen and explore the Museum's Collection. Tours are approximately two hours in length. Register online or by phone at least one week in advance [register](#)

The Foundry Open Tours-Open tours for the public every Wednesday evening at 6pm. Come learn more about youth & adult classes, membership options in our makerspaces or learn more information about how YOU can become a tenant and grow your small business with us. No need to RSVP, just stop by! 298 Northampton Street, Buffalo.

Thursday, January 16

Citizens Regional Transit Annual Meeting-5:30-7:00 (doors open at 5:00), West Room, Central Library, 1 Lafayette Square, Buffalo.

Friday, January 17

Science After Hours: Get a Clue-6 to 10pm at the Buffalo Science Museum. The Museum's murder mystery fundraising event is back, with even more life-size board game fun! Now with more clues and witnesses positioned on all four floors, teams (2-10 people) will work together to determine "whodunit." Admission includes the murder mystery game and one drink ticket (BMS Members receive two drink tickets). Plus, cash bar (beer and wine), food for sale and access to all of the Museum's permanent exhibits and galleries from 6 – 10 p.m.! Review rules [here](#). Game Session 1: 6:30 – 7:45 p.m., Game Session 2: 8:15 – 9:30 p.m., Cost: \$30 (BMS members save 10%) Ages: Adults 21+, ID required at the door, [Purchase Tickets](#)

7th Annual Greater Niagara Fishing & Outdoor Expo- Conference and Event Center Niagara Falls. <https://niagarafishingexpo.com/>. 1-9pm.

Hemlock Woolly Adelgid Survey- 1pm. As a part of the High Allegheny Hemlock Conservation Partnership, led by the U.S. Forest Service and The Nature Conservancy, RTPI and JCC adopted South Valley State Forest to survey and contribute information to these agencies as well as the Department of Environmental Conservation. Join us as we survey two sites on the state forest lands. We will meet in the RTPI parking lot promptly at 12:30 to carpool and meet on-site around 1:00pm. For those meeting on-site, please meet near the bridge on Sawmill Run Road approx. 42°02.511'N 079°00.580'W. For more information and directions to South Valley State Forest please visit: <http://www.dec.ny.gov/lands/68293.html>

Saturday, January 18

Volunteer Open House-10am to noon. In honor of the Martin Luther King Jr. Day of Service, stop in and explore volunteering at Reinstein Woods. Experienced volunteers will discuss their volunteer jobs and share how they got involved. We'll even have some simple activities (like stuffing envelopes or counting birds) for people who want to start volunteering that day! No registration required. Reinstein Woods Nature Preserve, Depew.

Woods Walk: Tracks in the Snow-11am. Join a guided nature walk to look for tracks left by our resident animals. No registration required. Reinstein Woods Nature Preserve, Depew.

New Volunteer Orientation-1pm. If you want to become a volunteer at Reinstein Woods, this program is for you! All new volunteers are required to attend an orientation session. You can also submit your volunteer application at this time. Must be 18 years or older to volunteer, or have a parent/guardian volunteer with you. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Spring Gardening Seminar: Organic Weed, Pest and Disease Management -Free with registration. 2pm at Massachusetts Avenue Project, 387 Massachusetts Ave, Buffalo 14213. To register, email info@urbanroots.org or call 716-362-8982.

7th Annual Greater Niagara Fishing & Outdoor Expo- Conference and Event Center Niagara Falls. <https://niagarafishingexpo.com/>. 9am to 8pm.

Horticulture 2-11am-1pm at Botanical Gardens. Garden Members \$108/series, \$18/class, General Public \$138/series, \$23/class. Refresh your gardening skills, learn new concepts and ideas, and explore the botanical world with classes designed and led by David R. Clark, Horticulturist & CNLP. Great for beginners or gardeners wishing to brush up on their skills. Perfect for gifts, or share the experience with friends! Those who complete each series will be presented with a certificate upon completion. [Register](#). Topic: Introduction to Landscape Design.

Buffalo Maritime Volunteer Celebration-Calling all volunteers past, present, and future...We want to celebrate you! Please join us from 5-8PM here at the Buffalo Maritime Center to honor all of you, the folks who continue our legacy of craftsmanship and community service. Past and present volunteers, friends and family, and those of you who are curious about what it's like to volunteer at the Buffalo Maritime Center are welcome to join us. We'll have drinks, pizza, raffles, and great conversation as we mix and mingle amongst the many projects taking place at the BMC. [Register](#).

Doors Open Jamestown-10am to 5pm. Jamestown's Museums and downtown businesses invite you to treat yourself, your family and your friends to the Annual Doors Open Jamestown, a FREE day at your local museums and attractions. History, art, nature and comedy – all are open for you. Local restaurants and retail shops will also be offering discounts – spend the day discovering Jamestown! More information is available by visiting www.tourchautauqua.com/events/doors-open-jamestown

Adventures on the Big Blue Marble-10:30 am. Program Length: 1 1/2 hrs. The differences between Belize City, Belize and Churchill, Canada are striking and numerous. One city is located in a tropical rain forest while the other exists in a subarctic climate. It is what they have in common however, that is the focus of this presentation. Both communities rely very heavily on eco-tourism to support their economies and their conservation efforts. Join Pfeiffer Nature Center Program Coordinator Bev Jones and Nature Enthusiast Barb Busack as they share their adventures to these unique and beautiful parts of the world. This event is will be held at The Portville Free Library, 2 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 for our programs on line above, or contact the office at 716-933-0187 by **Tuesday, January 16th** or at the time of the program. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center where science, art & nature come together.

Snowshoeing & Cocoa-10am to 1pm at Darwin Martin House State Historic Site. Borrow snowshoes to walk through Delaware Park and finish at the Darwin Martin House for cocoa! After, participants can take a tour of the beautiful house. Free snowshoeing and cocoa. Optional house tour \$10/person. **For information & registration call (716) 549-1050.**

Sunday, January 19

7th Annual Greater Niagara Fishing & Outdoor Expo- Conference and Event Center Niagara Falls.
<https://niagarafishingexpo.com/>. 9am to 4pm.

Snowshoeing & Cocoa-10am to 1pm at Darwin Martin House State Historic Site. Borrow snowshoes to walk through Delaware Park and finish at the Darwin Martin House for cocoa! After, participants can take a tour of the beautiful house. Free snowshoeing and cocoa. Optional house tour \$10/person. **For information & registration call (716) 549-1050.**

Getting Hygge Workshop-Tifft Nature Preserve. **Register.** 2 - 3:30 p.m | \$8 per participant* | Ages 13 - Adult
Cozy up and snuggle into a hands-on indoor workshop of all things hygge - the Danish / Norwegian word for feelings of wellness and contentment. We'll make a birdfeeder, create meditative art, and enjoy hot tea while quietly looking out upon the winter lakeside from our warm workshop space. *Advance registration required.*
716.825.6397.

Waterfowl Count and Mid-winter Bald Eagle Survey-Location: Lakes Erie and Ontario, Niagara River, inland open waterways. The 2020 count period is from Saturday, January 18 through Sunday, January 26. The preferred "Target Date" is Sunday, January 19. Debbie Suggs is the new coordinator. Some sections will need a compiler, and more counters are always welcome. Please contact Debbie via: waterfowlcount@gmail.com

Go Bike Buffalo Workshop: Drivetrain-What's grinding your gears? We'll help you find out in our drivetrain class. We'll cover friction and index shifting systems, installing and adjusting front and rear derailleurs, chain troubles, and freewheel and cassette replacement. After this class, you'll be fully prepared to shift your maintenance into high gear. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 5:30pm-7:30pm. Cost for classes is \$10 plus any needed supplies & most classes are limited to 10 people. Please RSVP to adam@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Monday, January 20

Winter Blast-12 to 2pm at MLK Jr. Park Casino and Basin. There will be indoor and outdoor activities planned for that afternoon. This event is FREE and open to the public. Ice skating if weather allows, face painting, lots of fun. <https://www.bfloparks.org>

Tuesday, January 21

Sierra Club Meeting-6:30pm at Daemen College, Research and Information Commons room 101, 4380 Main St. All welcome.

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series-Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <http://imaginelifelonglearning.com/lecture-series-winter-2020-schedule/>

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

Wednesday, January 22

West Valley Citizen Task Force- 6:30 PM. For agenda/info-<http://westvalleyctf.org/meeting-information/prior-meeting-information/>

SciNight Adult Workshop: Copper Oxide Painting- 6 to 7:30pm at Buffalo Museum of Science. \$15, adults 18 Transform simple materials into works of art with iron, copper, and bronze oxidizing paints while learning about chemical processes. *All materials included.* [register.](#)

The Foundry Open Tours-Open tours for the public every Wednesday evening at 6pm. Come learn more about youth & adult classes, membership options in our makerspaces or learn more information about how YOU can become a tenant and grow your small business with us. No need to RSVP, just stop by! 298 Northampton Street, Buffalo.

Thursday, January 23

Air and Waste Management Symposium-Keynote Speaker - Mark Lowery, Assistant Director of the NYS DEC Climate Office, [2020 AWMA-NFS Annual Seminar -Save the Date.pdf.](#) 7:30 AM - 6:00 PM at Templeton Landing, 2 Templeton Terrace, Buffalo, NY 14202.

Guided Tour: Women Bird Walk Series-Tifft Nature Preserve, 8:30-9:30am. [register.](#) \$6 per participant* | Ages 18+. Beginner to experienced woman birders are invited to join us for a welcoming, guided bird walk on the Preserve's trails. Binoculars and introduction to birding provided. *Advance registration required.*

Friday, January 24

Educator Development Day in Agriculture-Based Education-7:30 am-2:45 pm at Agriculture Discovery Center; The Fairgrounds, Hamburg, NY. The day will offer workshop sessions with experienced and fun instructors sharing lessons that can be brought back to your classroom or program. Enjoy the day learning and networking with other programs and districts. Registration is required and due by **Friday, January 17.** For more information and to register, visit the [Fairgrounds' website.](#)

Saturday, January 25

Learn To Cross-Country Ski-10am. Learn the basics of cross-country skiing before going on a short guided ski tour. Ski rental: \$8/\$5 for Friends members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Spring Gardening Seminar: Medicinal Herbs make and take -Free with registration. 2pm at Grassroots Gardens, 389 Broadway, Buffalo 14204. To register, email info@urbanroots.org or call 716-362-8982.

Winter Tree Walk at College Lodge-12-2:00 pm at the College Lodge, Brocton, NY. Western New York is a magical winter wonderland. College Lodge is an old-growth forest near Fredonia, NY that the Land Conservancy is raising money to protect. Participants in this walk will learn how to identify the trees that populate the Hemlock-Northern Hardwoods forest community, and how the ecology of that community functions over the decades and centuries. This walk will be led by guest guide and tree expert Erik Danielsen, a plant ecologist based in Cherry Creek, NY, with a special interest in tree morphology and forest dynamics. [REGISTER](#)

Horticulture 3 Classes-11am to 1pm at Buffalo & Erie County Botanical Gardens, 2655 South Park Ave., Buffalo. Participants will refresh their gardening skills, learn new concepts and ideas and explore the botanical world with classes designed and led by David R. Clark, horticulturist and CNLP. These classes are great for beginners or gardeners wishing to brush up on their skills. Those who complete each series will be presented with a certificate upon completion. Horticulture III and IV will be offered in 2020 and Horticulture V and VI will be offered again in 2021. The cost is \$20 per class or \$100 for the series for Botanical Gardens members and \$25 per class or \$125 for the entire series for the general public. Topic: Sustainable Landscaping Practices.

Fun Facts with Kelly: Falls Trivia Edition-3 to 4pm at [Niagara Falls State Park.](#) Play a Jeopardy-style trivia game about the natural and local history of Niagara Falls, followed by a walk in the park to take in the spectacular views! Weather permitting, we will take the adventure on snowshoes. *For information & registration call (716) 282-5154.*

Snowshoe Adventure Hike-10:00am-12:30pm at Aurora West Falls Town Park, West Falls. A moderately challenging snowshoe hike through open fields and mature forests with a focus on general Winter ecology. Program will run whether there is snow or not! \$7 – Members, \$10 - Non-members. *Please note that pre-registration is required for all events!* Register online at earthspiritedu.org or call us at (716) 941-6267.

Intro to Beekeeping: Part 1-9am to noon. [register](#). This is the place to start! We'll cover all of the basics you need to know before deciding to get your first hive, plus everything you'll want to know before you bring your bees home. Masterson's, 725 Olean Road, East Aurora NY 14052.

Hive Building Class: Build your First Beehive-1 to 3pm. [register](#). Confused about what you actually need, and how to put it all together the right way? Let's do it together! Masterson's, 725 Olean Road, East Aurora NY 14052.

Electronics Recycling by Sunnking-9am to noon. Rain or shine... drive through and we'll unload your electronics! Acceptable Materials For Recycling: www.sunnking.com/acceptable-materials. Limit of two CRT (tube) monitors or televisions per vehicle. University at Buffalo – South campus, 3435 Main St, Buffalo NY 14214. Please enter at the main entrance (Main Circle) off of Main St.

Herbal Honey Apothecary Class-3 to 5pm at Masterson's Garden Center, 725 Olean Road, East Aurora NY 14052. [register](#). There is medicine all around us. Join local medicinal plant grower Alyce Thorp (of Elda Mor Herb Farm & Nursery) for this hands-on series of classes in which you will learn how to harvest and prepare several types of natural remedies made from things you can find right in your own backyard.

Seed Swap-Friends of the [West Seneca Library](#) will host from 1:30-3:30 p.m. in the Makerspace of the library, 1300 Union Rd., West Seneca. Do you have seeds that are spare oldies but goodies? Store-bought extras? Saved seeds? Take garden seeds that you would like to share or trade with others for free. If you don't have any seeds to swap this year, you can help yourself to plenty of free leftovers.

Hemlock Woolly Adelgid Survey-10:00am. We will be surveying the Chautauqua Watershed Conservancy's newly established Goose Creek Valley Greenway Preserve located on Hoag Road in the town of Ashville. We will meet at 10:00am at the entrance of the site located approx. 42°05'04.9"N 79°22'35.6"W. Visit <http://chautauquawatershed.org/index.php/preserves/our-preserves> for directions to the preserve.

Sunday, January 26

Free Snowshoe Demo-10:00 am - 3:00 pm. Paths, Peaks and Paddles is once again organizing the FREE Winter Feels Good/Winter Trails event at Ellicott Creek Park! This will be our 14th year organizing this national event. We will be located next to the sledding hill in the park. Instead of watching the winter months pass by from your windows learn to enjoy the winter and what mother nature has to offer. Snowshoeing promotes health and fitness by only walking! Snowshoeing is a fun activity for **all ages**, for the family and friends. Snowshoeing makes exploring terrain as easy as walking in the summer time. Instructors and Guides will be present to assist you with putting on your snowshoes, the use of poles and walking on the snow. Your instructors and guides will take you on a short tour in the park so you can experience how to walk with snowshoes. We will have available for sale hot drinks to include hot chocolate and the introduction to Russian Tea. Dress for the weather! Ellicott Creek Park. Stop by for details, call us at 716-213-0350 or [contact us](#) (direct link)

GObike Buffalo Community Workshop: Fix a Flat- 5:30-7:30 pm. Learn the ins and outs of fixing a flat. Includes hands on instruction on tube patching and tube and tire removal and reinstallation. We will also discuss the different types of punctures as well as flat prevention. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 5:30pm-7:30pm. Cost for classes is \$10 plus any needed supplies & most classes are limited to 10 people. Please RSVP to adam@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Monday, January 27

Maker Monday!-Join us on Mondays for hands-on STEAM activities. All ages No registration required.
4:00pm - 5:00pm, Lancaster Public Library, 5466 Broadway.

Tuesday, January 28

WNY Greenhouse Growers School: Bedding Plant Workshop- 8:15 AM - 4:45 PM at Cornell Cooperative Extension of Erie County, 21 South Grove Street, East Aurora, NY 14052 (located on the 2nd floor of the Print Shop Building on the Roycroft campus). Come learn what is new in management of pests in commercial greenhouses from Cornell faculty, CCE staff, industry personnel and NYS Agriculture and Markets representatives. Presentations will cover avoiding mistakes with bio-control, plant disease updates for greenhouses and landscapes, invasive species to watch out for, alternative pesticide chemistries and use of nematodes in greenhouse production. The program will feature a presentation from Richard Stup from Cornell University Pro-Dairy Program on *Human Resource Management and Regulatory Compliance in 2020: Working Through Regulatory Changes*. Dr. Stup in his role with Cornell serves as a liaison between the agricultural industry and employment-focused regulatory authorities, working in areas such as human resource management, enhancing employee engagement, regulatory compliance, and leadership development at the ag-business level. Additional program speakers include John Sanderson from Cornell; Elizabeth Lamb and Brian Eshenaur from Cornell NYS Integrated Pest Management (IPM); Jamilyn Woodside, NYS Department of Agriculture and Markets; Heidi Warner from NuFarm; Casey Decker with Sierra Biological and Sharon Bachman from CCE Erie. There will also be industry vendor displays. The program is provided in partnership with the [New York Flower Industries](#). The workshop has been approved by the NYS Department of Environmental Conservation for 5.0 credits in pesticide recertification categories 10, 1a, and 3a; 4.5 credits in category 23 and 24; 3.5 credits in category 25; and 2.0 credits in category 9. [Register online here.](#)

Anaerobic Digestion Operations and Biogas Safety Training (Western Chapter MEC)-8am to 3:30pm. Protocol Restaurant, 6766 Transit Road, Williamsville, NY 14221. The course covers an overview of anaerobic digesters, operations, gas utilization & safety. [Register Online](#)

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series- Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <http://imaginelifelonglearning.com/lecture-series-winter-2020-schedule/>

Wednesday, January 29

Wednesday Winter Walk-10am to noon at [Evangola State Park](#). Head to the woods for a scenic walk through Evangola as we decipher animal tracks and enjoy the winter snow. *For information & registration call (716) 549-1050.*

Geology Rocks-6 to 8pm at the Buffalo Science Museum. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. ADULTS 18+, \$25 PER PARTICIPANT (INCLUDES MUSEUM ADMISSION)*, Go behind the scenes to see what few have seen and explore the Museum's Collection. Tours are approximately two hours in length. Register at least one week in advance [register](#)

The Foundry Open Tours-Open tours for the public every Wednesday evening at 6pm. Come learn more about youth & adult classes, membership options in our makerspaces or learn more information about how YOU can become a tenant and grow your small business. No need to RSVP, just stop by! 298 Northampton St., Buffalo.

Thursday, January 30

Open Waters [Northwest Passage] Open Polar Sea, Arctic and Great Lakes Plastic-Ongoing exhibit until March 29 at Burchfield Penney Art Gallery. Open Waters is an interactive art installation that examines 21C realities of environmental and geopolitical change, in connection with the melting of the ice cap at the North Pole. 1300 Elmwood Ave., Buffalo. 10am to 8pm.

Friday, January 31

Hemlock Woolly Adelgid Survey-1:00pm. In addition to our South Valley State Forest site, we are also surveying the Hatch Run Conservation Demonstration Area in Warren Pennsylvania for the joint U.S. Forest Service and Nature Conservancy project. We will meet in the RTPI parking lot promptly at 12:30 to carpool and meet on-site in the Hatch Run parking lot (located off of Hatch Run Road in Warren PA) around 1:00pm. For more information about Hatch Run please visit: <http://www.wcconservation.net/hatch-run-conservation-demonstration-area/>

Saturday, February 1

Educator Workshop: Project WET-9am to 1pm. Project WET (Water Education for Teachers) helps teachers use water to teach English language arts, science, math and more! Participants receive a standards-based interdisciplinary curriculum guide that includes lessons covering water's physical and chemical properties, cultural connections to water, and water resource management. For educators of students in grades K-12. 4 CTLE hours provided. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Woods Walk: Winter Scavenger Hunt-11am. Join a guided nature walk and use your senses to search through the woods. No registration required. Reinstein Woods Nature Preserve, Depew.

Spring Gardening Seminar: Seed Starting -Free with registration. 2pm at Massachusetts Avenue Project, 387 Massachusetts Ave, Buffalo 14213. To register, email info@urbanroots.org or call 716-362-8982.

Horticulture 3 Classes-11am to 1pm at Buffalo & Erie County Botanical Gardens, 2655 South Park Ave., Buffalo. Participants will refresh their gardening skills, learn new concepts and ideas and explore the botanical world with classes designed and led by David R. Clark, horticulturist and CNLP. These classes are great for beginners or gardeners wishing to brush up on their skills. Those who complete each series will be presented with a certificate upon completion. Horticulture III and IV will be offered in 2020 and Horticulture V and VI will be offered again in 2021. The cost is \$20 per class or \$100 for the series for Botanical Gardens members and \$25 per class or \$125 for the entire series for the general public. Topic: Gardening with Native Plants.

Old Time Community Snowshoe Hike-6:00pm-8:30pm at The Park School of Buffalo. A special evening that seeks to recreate the community snowshoe hikes in New England in the late 19th century. Participants will learn of the history and skills of snowshoeing and the wonders of Winter ecology. Hot beverages and warm meal of vegetarian chili and cornbread will be provided by 716 Fresh. Join us as we experience the simple pleasures of the past on the beautiful Park School Campus. \$20 – Members, \$25 - Non-members, ***Please note that pre-registration is required for all events!*** Register online at earthspiritedu.org or call us at (716) 941-6267.

Sunday, February 2

GObike Buffalo Community Workshop: Maintaining Your Bike Through the Winter-5:30 to 7:30pm. Bikes ridden through rain, salt, snow, and sludge need a little extra attention. We will show you how to keep your ride running in tip top shape. We will also share tips for winter riding and choosing a winter bike. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 5:30pm-7:30pm. Cost for classes is \$10 plus any needed supplies & most classes are limited to 10 people. Please RSVP to adam@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Tips for the Environment:

A New Year and Decade- Time to change habits or develop better ones. Be mindful of your environmental impact and reflect on whether you are willing to make choices to reduce it. Be grateful for the natural resources we have. Learn about technology that can help lower your footprint. Educate yourself on the issues and listen to dissenting opinion to try to understand other viewpoints. 2020 will be a pivotal year for the environment-play your part.

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-ctr/>.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

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

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

<http://buffalorising.com>

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

<https://boredommd.com/>

Additional local blogs and websites-

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

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

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

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

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

Buffalo Tours- <http://buffalotours.blogspot.com/>
Buffalo Green Fund-<http://www.buffalogreenfund.org/>
Canning Tips for Food Preservation- <http://www.motheearthnews.com>
Campaign for Buffalo History, Architecture and Culture- <http://greaterbuffalo.blogs.com/>
Chirps and Cheeps Bird Blog- <http://www.chirpsandcheeps.com/>
Dept. Environmental Conservation Calendar- <http://www.dec.ny.gov/calendar/>
DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>
Edible Buffalo- <http://ediblebuffalo.wordpress.com/>
Erie Cattaraugus Rail Trail- <http://www.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/>
Nourishing Harvest- <https://www.patreon.com/anourishingharvest>
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>
Buffalo Architecture and History- <http://www.buffaloah.com/>
Richardson-Olmsted <http://www.richardson-olmsted.com/>
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- <https://www.grandislandschools.org/domain/49>
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>
Rochester Roots-<http://www.rochesterroots.org/>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>
Citizen Science Opportunities- [listing](#)

County/New York State Resources

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

Green Jobs, Internships and Opportunities

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

Youth Summer/Holiday Camps/Home School Series

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

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.grantstation.com

www.grantwatch.com

www.grantsalert.com

<https://attra.ncat.org/index.php>

<https://grantsreform.ny.gov/>

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

Arden Farm- <http://theardenfarm.com/>

Becker Farms- <http://www.beckerfarms.com/csa>

Buffalo Organics/Foodscaping Project-<http://www.buffalofoodscaping.com/>

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

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

Cool Greens Vertical Farm- <https://www.facebook.com/Cool-Greens-Vertical-Farms-2261876070712461/>

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

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

Falkimmer Farms- <https://www.facebook.com/FalkimmerFarms/>

Farmer Pirates-<http://www.farmerpirates.com/>

Farmers and Artisans- <http://farmersandartisans.com>

Farmthisway CSA - <http://www.farmthisway.com/>

Fenton's Produce- www.fentonsproduce.com

First Light Farm and Creamery- <http://www.firstlightfarmer.com/>

Five Loaves Farm- <https://5loavesfarm.org/>

Free Fallen Fruit Rescue-<https://www.facebook.com/freefallenfruitrescue>

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)

Gregs U-Pick- <http://gregsupick.com/>

Groundwork Market Garden- <http://www.groundworkmg.com>

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

Healthy Living Farm- <https://www.healthylivingfarm.com>

Kindred Kreek Farms- <https://www.kindredkreek.com/>

Little Bear Farm- <http://www.littlebearfarm.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- <https://platodalefarm.com/>

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

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

Providence Creek Farm- <http://www.providencecreekfarm.com/>

Richardson Farms/Grace's Garden- <https://www.facebook.com/groups/RichardsonFarmsAkronNY/>

Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
Rust Belt Harvest- <http://rustbeltharvest.org/>
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Utley Acres- <http://utleyacres.com/>
Westside Tilth Farm- <http://westsidetilth.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>
Local Meats- <http://meatsuite.com/>
NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>

Local Businesses with Workshops

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

Local Tourism promoting Sustainability

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

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

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
Cars- <http://www.donateacar.com/>
Cell Phones- Buffalo Zoo, Aquarium of Niagara and other charities
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore
Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>, <http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz>
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club <http://donateglasses.net/search.html> for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)
Furniture-Goodwill, Salvation Army, Amvets and other charities
Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>
Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>

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

Eco-volunteering with Travel:

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

Education Courses or Certificates:

Energy University Website with Schneider Electric- [Courses](#) are free
Green Classroom Professional Certificate- Online courses, info [here](#)
Solar Energy Training- <http://www.solarenergy.org/training-schedule/>
Coursera- www.coursera.org

Miscellaneous:

Green America's guide to Socially Responsible Investing- <http://pubs.greenamerica.org/i/116105>
Buffalo Relocation and Self-Promotion <http://www.wherelifeworks.com/>
Change Food Library <http://www.changefood.org/changefoodlibrary/>
USDA Tool Kit for Local Food [toolkit](#)

Videos/Websites

[Better Than Ed](#)-Video series with Actor Ed Begley encouraging environmentally-friendly practices.
[EJSCREEN](#) is an environmental justice mapping and screening tool.
[Local Foods, Local Places Toolkit](#) to help communities develop their own plans for setting and achieving local food and revitalization goals.
[Archived EPA Climate Change Info.](#)
www.epa.gov/climate-indicators.
[Guide to help schools reduce food waste](#)
[Tool for Sourcing Local Meat](#)
[Click here to watch the Know Your Food videos.](#)
[iMATTER Youth Movement to Spark Change](#)
[Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement](#)
[EWG's Guide to Healthy Cleaning.](#)

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

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

[2018 Fuel Economy Guide](#)

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

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

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

Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	http://www.buffaloinbloom.com
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	http://www.buffalo-orienteeing.org/
Buffalo Ornithological Society	http://www.buffaloorithologicalsociety.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/
City Action Corps	www.cityactioncorps.org
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	https://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.coalitionpositive.org/
Community 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://cattaraugus.cce.cornell.edu/
Cornell Cooperative Extension for Chautauqua County	http://chautauqua.cce.cornell.edu
Cornell Cooperative Extension for Erie County	http://erie.cce.cornell.edu/
Cornell Cooperative Extension for Niagara County	http://cceniagaracounty.org/
Daemen College Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	https://www.facebook.com/d2lsBuffalo/
Drave's Arboretum	https://www.facebook.com/dravesarboretum/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental 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	https://esd.ny.gov/erie-canal-harbor-development-corporation-0
Erie County Climate Action & Sustainability	http://www2.erie.gov/environment/sustainability
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/

Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com

Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Experience	http://www.thegreatlakesexperience.org
Great Lakes Research Consortium	https://www.esf.edu/glrc/
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	http://gwbuffalo.org/
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
H.O.P.E of WNY	https://www.reptilekeeperllc.com/
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Inland Ocean Coalition-Buffalo Chapter	https://inlandoceancoalition.org/whoweare/chapters/buffalo/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jsbuffalo.com
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Local Initiatives Support Corporation	http://www.lisc.org/buffalo/

Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	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	https://parks.ny.gov/
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York Upstate Chapter, Landscape Architects	https://www.nyuasla.org/

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

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

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

WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Mountain Bike Association	http://www.wnymba.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnyssc.org/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/
Western New York Service Learning Coalition	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.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	https://buffalowind.wordpress.com/
Working for Downtown	http://www.workingfordowntown.org/
World on your Plate	http://www.worldonyourplate.org/
Youth Climate Summit	https://wnyyouthclimatesummit.org/