

Enviro-News

April, 2016

Sponsored by Daemen College's Center for Sustainable Communities and Civic Engagement and Global & Local Sustainability Program

Newsletter Contents:

- Articles- including events, courses, local news, grants, positions
- Upcoming Activities
- Tips to Help the Environment; Lesley Haynes' column
- Volunteer opportunities, recycling, CSAs and farms, organization links

Articles:

Renewable Energy in Erie County

The Sierra Club Climate and Clean Energy Writers Group will meet on **Monday April 4** from 6 to 7:30 PM in the Alliance Room - 2nd floor of the Unitarian Universalist Church - 695 Elmwood at Ferry, use Garden entrance. This month's session will feature Eric Walker who is Director of Energy Development and Management for Erie County. Come hear about the County's greenhouse gas inventory and their plans and initiatives for renewable energy. Event is free and open to public. Contact billnowa@gmail.com for info.

Wild Foraging Course Series

Oakmoss Education will be partnering with East Aurora's historic Roycroft Campus in presenting a two-part program on wild plant foraging and preparation. The Arts & Crafts Movement of the early 1900s was founded in a return to nature, simplicity and self-sufficiency. These sessions will serve to revive the spirit of Elbert Hubbard and the Roycrofters of that era. The sessions will meet on **April 23 and 30** and will provide an introduction to wild plant foraging followed by wild plant preparation. The fee for this 2-part, adults only course is \$40.00 and advance registration is required through the Roycroft Campus online [register](#) or by phone at 716-655-0261.

Tortoise and Hare 5K and Nature Festival

Earth Spirit Educational Services is hosting their first annual The Tortoise and the Hare 5k Race and One Mile Fun Run at 10am. on **April 23, 2016**. The run, which consists of a certified 5K course, is being held at Chestnut Ridge Park followed by Earth Spirit's annual Spring Nature Festival. The cost to pre-registrants is \$35 per adult and \$25 for children 7-17. All who pre-register will receive a free t-shirt. Children 6 and under are free. To register, visit itsbuffalotime.com. The Spring Nature Festival (10am-2pm) will include a series of nature hikes led by an Earth Spirit guide, live animal exhibits, bird banding demos and other surprises. There will be a variety of food trucks on site including Amy's Truck and Cruisin' Crepes. All proceeds from this event will go to supporting future environmental education programming for WNY children and their families.

Spring Shoreline Sweep-Volunteers Needed

Buffalo Niagara Riverkeeper's Shoreline Sweeps are the largest single-day shoreline cleanups in Western New York. Join other volunteers on **Saturday, April 23** from 10am to noon to help cleanup our area and protect our region's most valued asset — our water. Register at <http://bnriverkeeper.org/cleanup/>

Taste of the Southtowns

Taste of the Southtowns will be held on **Sunday April 24** from 11:30-5 P.M. inside St. Aloysius Hall, 190 Franklin St., Springville. Over 50 food items will be served from local restaurants. The event includes a 50 Basket Chinese Auction, Silent Auction, 2 Live bands: "The Rustic Ramblers" and "Wagner & Winston" and massages by Eric Davis for \$1/minute. Free Admission with purchase of Chinese auction or food tickets. Proceeds benefit Gooseneck Hill Waterfowl Sanctuary, a 501c3 organization, the largest waterfowl sanctuary in the US with over 700 endangered and protected ducks, geese and swans and over 70 different species. For info call 716-942-6835 or contact rosebird@frontiernet.net. Info at www.gooseneckhillwaterfowlfarm.com.

"The Messenger": Film Screening-Buy Tickets Now

Buffalo Audubon will be hosting a screening of "The Messenger" at Regal Quaker Crossing Stadium 18, 3450 Amelia Dr, Orchard Park on **Tuesday, April 26** at 7:30 pm. The film is being screened through Tugg.com, a platform that helps organizations host screenings in their local theaters. Tickets must be purchased in advance by **April 18th** in order to ensure that the screening takes place. Cost is \$11 general admission and can be purchased at www.tugg.com/events/90030. The film is a new documentary by award-winning filmmaker Su Rynard (*Dream Machine*, *Kardia*) chronicles the struggle of songbirds worldwide to survive in turbulent environmental conditions brought about by humans and argues that their demise could signify the crash of the ecosystems globally, akin to the disappearance of honey bees and the melting of the glaciers.

Green Drinks and Thinks

Join others at "Green Drinks & Thinks" on **Thursday, April 28** at D'Arcy McGee's (257 Franklin St., Buffalo) from 5:30-7pm. This networking opportunity helps connect everyone interested in the environment. This month's event will invite ideas for the 12th Annual Environmental Summit on September 24. Come learn how individuals, organizations and businesses can participate in the Environmental Summit. For more info, contact cbird@daemen.edu

2016 Community in Bloom Gardening Classes

Cornell University Cooperative Extension of Erie County is offering its popular gardening courses. This year's course will discuss nuisance wildlife solutions, plant propagation and landscape design. Two class dates are offered: **April 9** in Buffalo (register by April 1) and **April 16** in East Aurora (register by April 8). Cost is \$20 and classes run 8:30am-3:15pm. Pre-registration required at <http://erie.cce.cornell.edu/resources/mg-2016-communities-in-bloom>

Riverwatch 2016-Volunteers Needed-Training Dates

Riverwatch consists of concerned citizens trained to use the latest technology to gather important water quality data in the Buffalo and Niagara River watersheds. Volunteers conduct monthly monitoring of streams in their neighborhood and also provide a network of "Eyes on the Water" to report pollution or improper land uses on these waterways. Riverwatch Volunteers are required to attend one 2-hour training session to learn the history and importance of the project, how to use the equipment, and how to record data. Training sessions are scheduled for **Thursday April 6** (6:00-8:00PM) and **Saturday April 9** (9:30-11:30AM). Questions? Contact Wendy Patterson, Community Liaison at wpatterson@bnriverkeeper.org

Spring Volunteer Day: Green Shoots for New Americans

Green Shoots for New Americans, a program co-sponsored by Journey's End Refugee Services Inc., is hosting a Spring Volunteer Day on **Saturday, April 23** from 9am-1pm (rain date April 30th) at 36 Brewster St. (behind the Tri-Main building, 2495 Main St., 14214). Come out and enjoy the warm weather! Assist refugee farmers in preparing our farm for the 2016 Growing Season! & ENJOY FREE PIZZA FOR YOUR HARD WORK!! For more info contact Kyla Jaquish: (716) 262-5308 or kjaquish@jersbuffalo.org & like us on Facebook!!

It's Local! A Conference on Buffalo and Area Weather & Climate

“It's Local”, a conference on Buffalo weather will be held on **April 30, 2016** at SUNY Buffalo State. This free public event is organized by SUNY Buffalo State's Department of Geography & Planning and the Buffalo Office of the National Weather Service. If you love weather - especially local weather - you will want to attend. If local weather and climate impacts your organization – you will want to attend. An opportunity to learn about what is new in local weather & climate information/research from the Buffalo Office of the National Weather Service and Buffalo State's Meteorology & Climatology Program. Presentations will also be given by Tom Nizio and Don Paul. Registration begins at 8:00 a.m., with presentations running between 9:00 a.m. to 2:00 p.m. A light lunch will be served. Two workshops will be given between 2:00 and 3:00 p.m. Numerous poster presentations will be on display throughout the conference. Pre-registration is required to obtain lunch. The workshop seating is limited and will be available only to those who pre-register. For workshop details, visit [here](#). To pre-register for the conference, simply e-mail Dr. Stephen Vermette at vermetjs@buffalostate.edu indicating your interest. Please use “It's Local!” as your subject line. If you wish to attend one of the workshops (you can attend only one workshop), please indicate this in your e-mail. You will receive an e-mail confirmation. If your indicated workshop is full, you will be given the option to select the other workshop. If both workshops are full, you will be notified.

3rd Annual Cherry Blossom Festival

From **April 30-May 7**, visitors to the Japanese Garden in Delaware Park can enjoy a celebration of cherry blossoms (hopefully Mother Nature cooperates). Events will help support the Japanese Garden in Delaware Park and the Buffalo Olmsted Parks Conservancy at the same time. Garden visitors will be able to enjoy the NEW self-guided mobile audio tour of the Japanese Garden, behind the Buffalo History Museum in Delaware Park, presented by Wegmans and powered by Tourwand. [View](#) the complete list of festival details.

Audubon Dinner Features Earthplay Design Speaker

The 2016 Annual Dinner & Business Meeting of the Buffalo Audubon Society will be held on **Saturday, May 7, 2016** at Beaver Meadow Audubon Center 1610 Welch Road, North Java, NY 14113. Cash Bar will open at 4:30pm ~ Dinner at 5:30pm The cost is \$45 per person. The featured speaker is Rusty Keeler of Earthplay Design We hope that you will join us for this society tradition. Make your reservation early. Space is limited! Please call (585) 457-3228 to reserve your spot or for additional information. Over the past 20 years, Rusty Keeler has worked with hundreds of school and community leaders to create beautiful outdoor environments for children in more than 30 states and around the world. He is the author of the book, *Natural Playscapes: Creating Outdoor Play Environments for the Soul*.

Presentation by Doug Tallamy: Rebuilding Nature's Relationships at Home

The Western New York Land Conservancy is hosting a special presentation by Doug Tallamy. “Rebuilding Nature's Relationships at Home” will be held at the UB Center for the Arts on **Tuesday, May 10, 2016**, with a reception at 6pm, and the presentation at 7pm. Tickets are \$20 per person.

Doug Tallamy is the famed author of the award-winning book, “Bringing Nature Home”. His work has sparked a national conversation about using native plants in our gardens and landscapes to reverse the loss of wildlife and to make our communities healthier. Don't miss this opportunity to see him in person!

Please purchase your tickets in advance at the UB Center for the Arts Box Office or online at www.Tickets.com. The Land Conservancy's last event sold out, so buy your tickets today! If you have any questions, contact the Land Conservancy [\(716\) 687-1225](tel:7166871225) or info@wnylc.org.

This event was made possible by the following cosponsors: Buffalo Niagara Riverkeeper, Eastern Monarch Butterfly Farm, Ecology & Environment, Grassroots Gardens, The Knoer Group, Nature Sanctuary Society of WNY, Paul Fuhrman, Sierra Club Niagara Group, Wild Birds Unlimited, and WNY Environmental Alliance.

Historic Homeowner Tax Credit Program Workshop

The NYS Historic Homeowner Tax Credit Program helps homeowners with rehabilitation. To learn more, plan to attend a workshop on **May 10** at 6pm at Karpeles Manuscript Library Museum, 453 Porter Ave. The workshop is free for members of Preservation Buffalo Niagara and/or Preservation League; \$10 for general public. Registration required - istillwell@pbnsaves.org or [716.852.3300](tel:716.852.3300).

The program will cover 20% of qualified rehabilitation costs of owner-occupied historic houses, with a project minimum of \$5,000 and 5% spent on exterior work, up to a credit value of \$50,000. Qualifying expenses for the tax credits include roof repairs and replacement, window restoration and storm windows, painting, plumbing, heating systems, electrical upgrades, insulation, foundation repairs, etc. This program requires that the building be individually listed in the State or National Register of Historic Places, or in a listed historic district. The building must also be located in a qualifying census tract. If you have questions about the program or want to find out if your home is eligible, visit <http://parks.ny.gov/shpo/tax-credit-programs/>

3rd Annual SkyRide

The 3rd Annual SkyRide—GObike Buffalo's signature annual event will be **May 21, 2016**. It is a fundraising bicycle tour that includes an incredible, scenic ride over the Skyway. Each year the route has been different, and each route features historic Olmsted Parks and Parkways. For more information and registration go to www.skyridebuffalo.org

Spring 2016 Fish and Grass Carp Sale

Niagara County Soil and Water Conservation District annual fall fish and grass carp program will be taking orders until **May 6th, 2016**. They are offering a number of species to stock farm ponds. Fish orders can be placed by completing an order form in their office or and mailing them in to their office with a check or money order. For info, visit <http://www.niagaraswcd.com/>.

Twelfth Annual Symposium on Energy in the 21st Century

The Twelfth Annual Symposium on Energy in the 21st Century will be held on **April 8, 2016** at The Links, E. Syracuse. The event features talks, field trips and networking. For info and/or registration, visit [here](#).

Premier Geothermal Conference: Breaking New Ground in Renewable Heating & Cooling

The New York Geothermal Energy Organization (NY-GEO) presents New York's premier geothermal conference on **April 19 and 20** in Albany. Check NY-GEO.ORG for more details.

Canal Clean Sweep

The 11th annual Clean Sweep is scheduled for **April 22-24, 2016**. Celebrate Earth Day and show some love for the Canal and Canalway Trail by volunteering! Locations and registration available at <http://www.ptny.org/events/canal-clean-sweep>

University at Buffalo's 2016 Ecosystem Restoration Summer Workshops

The University at Buffalo (UB) is offering three summer workshops on topics related to stream restoration. Workshops are scheduled for **June 2016** at UB's North Campus in Buffalo, NY. Workshop offerings are: 1) Aquatic & Terrestrial Invasive Species Management (June 3); 2) Fundamentals of Stream Channel Design (June 6-7); and 3) Watershed Management Planning, Assessment, and Monitoring (June 8-9). Workshops are geared toward graduate students and environmental professionals. More info is available [here](#) and registration opens soon.

iMap Invasive Training Class

New York iMapInvasives will be holding spring training sessions coordinated through the [Partnerships for Regional Invasive Species Management \(PRISM\)](#), and will include training for basic and advanced data entry. There will also be species identification modules offered this year as well, with more details to come. Anyone interested in mapping invasive species locations and management efforts is welcome to attend these free sessions! Contact imapinvasives@nynhp.org with any questions. Training is free, and anyone is welcome to attend one or both of the modules - but registration is required. Western New York training is offered **Thursday, June 16** from 10am-2pm at Letchworth State Park Visitor Center, Castille, NY. Click to [REGISTER](#).

Reuse Action Needs your Reusable Materials

Have used furniture, cabinetry or building supplies? Don't send them to the landfill, donate them to Reuse Action. Check out our website at www.reuseaction.com, call our store at [716-894-3366](tel:716-894-3366), or stop by 980 Northampton Street for a visit any Tuesday, Friday or Saturday from 9am-4pm. Profits from sales put people to work!

Suggestions Welcome for National Bike Month

May is National Bike Month, and **May 16-20** is Bike to Work Week. Locally, Go Bike Buffalo wants to have the best Buffalo Bike Month ever, and that means they need you to participate! Let them know if you have an idea for a Bike Month event - and they will try to help make it happen. [Submit your idea for a Bike Month event!](#)

National Workshop for Dairy Economists and Policy Analysts -Dairy Grazing Livestock Cow

The 23rd Annual National Workshop for Dairy Economists and Policy Analysts, entitled "Supply, Demand and Pathways to Progress-Regional and Global Perspectives for the Dairy Industry" is planned for **May 2-3** at the Hyatt Regency Convention Center, Buffalo, NY. Sessions will include demand opportunities and challenges; aligning regional supply and global demand in dairy markets; and global perspectives on milk production, dairy demand, prices and risk, among others. If you would like to join us on a bus tour the day after the meeting, Wednesday, May 4th, we will be visiting two farms and two dairy processing/marketing businesses. The registration fee for the entire workshop is \$380 and is due by April 29, 2016. [conferencewebsite](#)

Allegheny Nature Pilgrimage

Registration is now open for the 2016 Allegheny Nature Pilgrimage, a weekend that features nature hikes, speakers and fun for the whole family. This year's event will be **June 3, 4, and 5**. Online registration is available at www.alleghenyaturepilgrimage.com. This year, the Saturday evening BBQ and vegetarian meals will be PRE-SALE only, deadline May 20. No meals can be purchased on the weekend of the event. There will be two excellent evening tent programs. Friday night brings Ken Keffer with "Conservation Lessons from a Vagabond Naturalist" and on Saturday evening we will welcome Robin Foster speaking on "The Hellbender: Allegheny's Living Fossil." For more details of these programs, log onto <http://www.alleghenyaturepilgrimage.com/programs.html>. Just a reminder - all participants must secure their own lodging for this event. Day passes are available as well.

Clean Energy Economy Conference

The 2016 Clean Energy Economy Conference (CEEC) is set for **June 13-15** at the SUNY Polytechnic campus in Utica. Now in its fifth year, the CEEC is a premier forum in Northern New York for connecting around clean energy and economic opportunities. This conference serves as a forum for individuals, businesses, educators, community leaders, industry professionals, and others to share information about cleaner, greener energy opportunities across the region. The conference represents a partnership between the North Country and Mohawk Valley Regional Economic Development Councils and provides a unique setting for collaboration across these two adjoining regions of New York State. Registration and details for the CEEC are at <http://ncenergyconference.org/>.

Free Energy Audits for Small Businesses and Non-Profits

Small businesses and non-profits that have 10 full time employees or less and an average annual electric demand of less than 100 kW are eligible for a free energy audit through the NYSERDA Small Commercial Energy Efficiency Program (SCEEP). Following a site visit to assess your facility, you will receive a report showing identified energy savings measures, estimated energy savings, estimated cost savings, and the costs to install the measures. This information can help you make informed decisions about implementing energy efficiency improvements.

NYSERDA SCEEP energy audits are provided in Western New York, the Genesee-Finger Lakes Region and the Southern Tier by C.J. Brown Energy. For more information or for assistance in completing an application, contact Lisa Grabenstatter, C.J. Brown Energy's Energy Program Administrator, at [\(716\) 565-9190](tel:7165659190) or orlag@cjbrownenergy.com.

NYS Aggregated Purchase of Plug-in Hybrid Electric Vehicles

The New York State Department of Environmental Conservation is working with the Office of General Services (OGS) to organize an aggregated procurement of plug-in hybrid electric vehicles (PHEVs). This aggregated purchase will help lower purchase costs and support the reductions in emissions called for in New York State and local government climate commitments. We will likely be purchasing Chevrolet Volts which have an all-electric range of 53 miles and since it has a gasoline engine as backup, it isn't limited in how far it can go. The Chevy Volt can be charged using any level two (240 V) charging station. Charging stations are not included in the aggregate purchase. More information on charging station installation, potential costs, and technical assistance can be found at <http://www.nyscrda.ny.gov/All-Programs/Programs/ChargeNY>. Vehicles will be purchased through the existing New York State Vehicle Marketplace. All authorized users of the marketplace may participate (including municipalities). Orders will be due to OGS by close of business on **Tuesday, May 31, 2016**. OGS will distribute an aggregate bid solicitation in early June. Vehicles are expected to be delivered in the fall of 2016. If your organization is interested in participating in this aggregate purchase opportunity, please contact Pamela Hadad-Hurst (pamela.hadadhurst@dec.ny.gov or 518-402-2798) for more information.

Preservation50 Conference

The Preservation League, Landmark Society of Western New York, Historic Albany Foundation, and the New York State Office of Parks, Recreation and Historic Preservation are proud to present the 2016 Statewide Preservation Conference in Albany and Troy from **May 5-7**. The conference will mark the 50th anniversary of the National Historic Preservation Act, and the theme is **Preservation50: New York State**. **Preservation50** is a nationwide effort to celebrate, learn from, and leverage the NHPA's first five decades to ensure a vibrant future for historic preservation in America. The conference will celebrate achievements and plan for the future in New York State. [Follow this link](#) for details about the conference and to register.

NY State Federation of Lakes Conference

The New York State Federation of Lakes Association (NYSFOLA) 33rd Annual Conference "The Water is Great in New York" will be held on **Friday, April 29** at White Eagle Banquet & Conference Center, Hamilton NY. The organization promotes citizen science involvement in lake management. As part of this year's conference, there is a Watercraft Inspection Program Leaders Workshop. Agenda and registration at www.nysfola.org.

2016 Good Jobs, Green Jobs Conference

Registration is now open for the. This year's Conference is **June 6** in Cleveland, Ohio. Senator Sherrod Brown, a 2013 BlueGreen Champion, will be speaking. The Conference is about investing in America. Good Jobs, Green Jobs affords an opportunity to join with labor, environmental, business, and community leaders to forge the links between the economic possibilities created through protecting the environment and solving climate change. The full Conference, including the BlueGreen Champions Luncheon, is just \$199! Reserve your spot at <https://app.certain.com/profile/form/index.cfm?PKformID=0x22855686d43>

EC Accepting Applications for Environmental Excellence Awards

The New York State Department of Environmental Conservation (DEC) is now accepting applications for the 2016 Environmental Excellence Awards program, which recognizes businesses, institutions, government agencies and non-profit organizations for outstanding, innovative and sustainable projects or programs that are contributing to a healthier environment and economy. Eligible applicants include businesses (i.e., small, medium and large businesses, manufacturing, power generation, retail, agri-business, hospitality, sports, etc.); not-for-profit organizations; education, health care and recreational facilities; individuals, and local, state, federal and Indian Nation government agencies. Completed applications for the 2016 awards must be post marked no later than Friday, **April 8, 2016**. Information about the award program and the 2016 application materials are available on DEC's [website](#).

Heroic Food Sustainable Farmer Training: Full Year Immersion Program

Apply now for Heroic Food's 2016 Full Year Immersion (FYI) program, a comprehensive sustainable beginning farmer training program located in Columbia County, New York. This training is suitable for post-9/11 veterans; other Heroic Food trainings are suitable for all veterans. Extensive hands-on training and supplemental instruction. Peer housing on the Heroic Food Farm. Spouses are welcome. The program starts March 15th - apply now! For more information and to apply, visit http://heroicfood.org/programs/fyi/fyi_apply/.

Buffalo Bike Share

Need a bike to get around downtown or UB? Buffalo Bike Share has different options to provide you with easy access to a bicycle. Check out their location map at <https://buffalo.socialbicycles.com/#map>. You can sign up online at the site and book your next reservation.

Online Boating Safety Course Available

An "Online Boating Safety" course now provides an option to the 8 hour classroom-based course. Anyone born after 1996 needs a boating safety certificate before operating a motorboat. Info on the course is available at <http://parks.ny.gov/recreation/boating/boating-safety-class.aspx>.

Food not Bombs

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

Local and Regional Food System Resource

Sustainable Agriculture and Research Education (SARE) has released a four-page topic brief, "Building Local and Regional Food Systems", which provides an introduction to different facets of local and regional food systems and directs readers to resources. This topic brief is a companion to SARE's Farm to Table: Building Local and Regional Food Systems Topic Room. Topics covered in the print brief and online include business planning, marketing, distribution and aggregation, farm to school, food processing, and community development. Download [here](#).

Tool for Sourcing Local Meat

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

Aquarium of Niagara Special Programs

Three different opportunities at the Aquarium of Niagara allow you to have a unique visit with interactions with marine wildlife. They offer “Meet a Seal”, “Meet a Penguin” and “Behind the Scenes Tours”. Age limits and advance reservations are required for these special programs. Call 716-285-3575, ext. 206 for reservations.

Learn to Grow Mushrooms at Camp Mushroom

Camp Mushroom is Cornell University’s annual two-day event for farmers, woodlot owners, and hobby growers who want to cultivate their own shiitake, oyster, lions mane, and stropharia mushrooms. This course, to be held **June 3 and 4** at Hidden Valley Camp in Watkins Glen, is geared for those interested in the commercial production of mushrooms. Participants will be trained in four methods of mushroom cultivation; shiitake on bolts, lions mane/oyster on totems, oysters on straw, and stropharia in woodchip beds. For more information about topics and agenda and/or to register, visit [here](#).

Becoming an Outdoors-Woman (BOW)-Kayaking Classes

Becoming an Outdoors-Woman (BOW) is partnering with Seabirds International to offer women- only kayaking instructional sessions in Western NY. Sessions will be Saturdays 10am-noon on June 18, July 16 and August 27 or 5:30-7:30pm on June 22, July 20 and August 3. Cost is \$60 for two hours. Locations vary. To register or get further information: send an email to seabird.ava@gmail.com. Spaces are limited.

Hemlock Woolly Adelgid Educational Video

The New York State Hemlock Initiative is sharing an educational video to inform the public about their efforts to conserve New York State’s hemlock resources in the face of multiple threats, particularly that posed by an invasive pest, the Hemlock Woolly Adelgid. Mortality due to Hemlock Woolly Adelgid (HWA) in New York has increased at an alarming rate recently. It is critical that resources be brought to bear to develop a state-wide strategy to conserve the hemlock resources now, before it is too late. For more info, visit [here](#). View the video at <https://www.youtube.com/watch?v=AupnMjYaIQ>

Change Food Video Library

Change Food is pleased to announce the official launch of [The Change Food Video Library](#). The Library consists of a growing database of the best short-length videos on various topics in food and farming, including talks from Change Food, The Real Food Media Project, TED, TEDxManhattan and other TEDx events. Videos from other organizations are currently being evaluated. Topics include antibiotics, food waste, food justice, local food, food policy, farmers and much, much more. Select videos are supplemented with online educational information such as links to other sites, discussion materials, actions and campaigns, and reading suggestions. The Library has also developed an online event guide to help anyone around the world organize and host their own video event, whether it be a lunch time video club or an all day extravaganza.

USDA Toolkit to Assess Economic Impact of Local Foods

This new USDA toolkit will help communities and businesses evaluate the economic benefits of investing in local food systems. It was developed by the Agricultural Marketing Service (AMS) to help communities reliably evaluate the economic impact of investing in local and regional food systems. The Local Food System Toolkit provides detailed guidance in seven modules to measure and assess the expected economic impacts of local food investments. The toolkit can be downloaded as a PDF [here](#).

New Long-Term Extension of Wind and Solar Tax Credits

The Consolidated Appropriations Act, 2016 signed into law in December, 2015 re-enacts the production tax credit (PTC) and investment tax credit (ITC) for wind energy projects and modifies and extends the 30% ITC for solar energy projects. The Act generally provides a five-year extension, with a step-down in the amount of credit available depending on when construction of a project commences. For more info, [read](#).

New York E-Waste Recycling Program Yields Initial Success

The DEC's initial E-Waste Recycling Report reports that more than 318 million pounds of e-waste was collected from 2011 through 2014. The report provides an evaluation of the initial progress during 2011-2012 on implementing the New York State Electronic Equipment Recycling and Reuse Act, outlining the program's strengths and challenges, and providing recommendations for future improvements. DEC is addressing one of the more recent implementation challenges which is the collection and recycling of Cathode Ray Tube (CRT) televisions and monitors. The Department has focused initial efforts on education of manufacturers, and this year DEC will be stepping up enforcement to ensure full compliance with the goals of the Act.

As of January 1, 2015 all NYS consumers are now required to recycle electronic waste, such as computers, computer peripherals, televisions, small scale servers, and small electronic equipment and are prohibited from disposing of this waste. Under the Act, free and convenient recycling programs for all consumers of the state are required to be provided by electronic equipment manufactures. Additionally, recycling diverts e-waste from landfills and combustion facilities and conserves valuable natural resources. A copy of the NYS E-Waste Recycling & Reuse Act Implementation & Results for 2011 and 2012 report can be found on DEC's website.

Phosphorus Reduction Targets of 40 percent to Improve Lake Erie Water Quality

Canada and the U.S. have adopted targets to reduce phosphorus entering affected areas of Lake Erie by 40 percent. The targets will minimize the extent of low oxygen "dead zones" in the central basin of Lake Erie; maintain algae growth at a level consistent with healthy aquatic ecosystems; and maintain algae biomass at levels that do not produce toxins that pose a threat to human or ecosystem health. Algae occur naturally in freshwater systems. They are essential to the aquatic food web and healthy ecosystems. However, too much algae, linked to high amounts of phosphorus, can lead to conditions that can harm human health and the environment. Since the 1990s, Lake Erie has seen an increase in algal growth that has compromised water quality and threatens the Lake Erie region's recreation-intensive economy. The targets were developed after extensive public input from a diversity of sectors. The 2015 harmful algal bloom in Lake Erie was recorded as the largest bloom this century.

Water Week: May 2 - 6

This year's Water Week theme is: Lake Management. New York is fortunate to have many lakes of all sizes, and people use them for a variety of purposes, such as drinking water, flood control, and recreation. [Water Week](#) is a time to re-commit to protecting and conserving New York's water resources, because everybody is needed to help take care of our waters. We encourage you to learn more about current water-related issues and renew your efforts to restore, protect and conserve our lakes, rivers and streams. So, celebrate Water Week -to get started, find ideas on DEC's [Watershed Stewardship](#) and [Local Watershed Association](#) webpages.

New York's Water in Peril

Environmental Advocates released their new report, [Tapped Out: New York's Clean Water in Peril](#), which documents sewage overflows and the rampant underreporting of such spills in New York State. The dangers of untreated sewage include waterborne pathogens, parasites, and disease-causing organisms such as E. coli and rotavirus. When sewage overflows into local waterways, it leads to boil water alerts, and waterbodies closing for recreation and activities due to the potential for sickness or even death. According to their analysis of Department of Environmental Conservation (DEC) data, there were nearly 2,700 sewage overflows reported between May 2013 and June 2015, amounting to 160 million gallons of untreated sewage discharged into our waterways.

Oil Trains Video

New York has become a major hub for crude oil coming to the east coast from the Bakken shale fields of North Dakota via trains. From every end of the state, these trains are rolling through densely populated neighborhoods and cities. Check out this [video](#) and the accompanying site to learn more.

Proposed New NYS Regulations to Prevent Contamination from Solid Waste Facilities

Governor Cuomo has announced proposed revisions to the state's solid waste regulations to increase protections for public health, safety, natural resources and the environment. The proposed changes include measures to regulate previously unregulated facilities such as mulch processing, activities, and waste streams within the state's existing solid waste management program. The proposed revisions also streamline and reduce regulatory burdens for entities while maintaining environmental protections. The regulations will also increase oversight of construction and demolition debris and historic fill, reducing the potential threat of these waste streams to water quality and the environment on Long Island and throughout the state. To provide clarification on the appropriate use of brine, or highly concentrated salt water from oil and gas extraction, the regulations propose specific application criteria and the maximum pollutant limits for road application. While not allowed in New York now, the proposed regulations specifically prohibit the use of high-volume hydraulic fracturing brine from use in New York State. In addition, the proposed regulations will update the regulations governing the transport of waste, local solid waste planning and state grants to provide better clarity to municipalities, regulated facilities and companies, and ensure the quick dispersal of funding to promote recycling and waste reduction. Copies of the proposed rule can be found at: <http://www.dec.ny.gov/regulations/propregulations.html>. DEC has established an extensive public comment period to solicit feedback from residents and impacted facilities, and will accept comments through **July 15, 2016**. Comments can be sent to SolidWasteRegulations@dec.ny.gov.

Possible Future of Solar

A new study, published in the journal *Science*, reports on the properties of [hybrid lead halide perovskites](#), and demonstrates their ability to absorb energy from the sun, create electric charge, emit some light energy of their own AND then reabsorb that light energy. This recycling ability would boost efficiency and these solar cells could be produced cheaply. Studies are at small-scale in the lab, but researchers are optimistic that they can refine the way that these materials are made in order to control their light absorption properties.

Thinking about Solar for a Building?

The New York Solar Energy Society has compiled a list of questions to ask a solar installer. If you are considering an installation, review the checklist as you consider installers. Click for list [questions](#)

Permaculture Videos-See it in Action

An online video series allows you to see permaculture sites and gain a better understanding of what is involved. Check it out at <http://www.openpermaculture.com/experience-permaculture-site-visits>.

Pacific Institute for Climate Solutions Offers Online Climate Courses

Climate Insights 101 is a short course series designed to provide users with an in-depth understanding of climate science and related issues. Climate Insights 101 is produced as a series of modules, each with several animated lessons. To learn more, visit: [courses](#).

New Federal Toolkit Provides Guidance for Citizen Science Programs

The recent Open Science and Innovation Forum at the White House launched the release of the Federal Crowdsourcing and Citizen Science Toolkit. The Toolkit provides guidance for federal agencies to design, carry out, and manage citizen science projects. [Learn more about the new toolkit](#).

Free National Park Pass for Every 4th Grade Student

To help engage and create our next generation of park visitors, supporters and advocates, the White House, in partnership with the Federal Land Management agencies, launched the Every Kid in a Park initiative. The immediate goal is to provide an opportunity for each and every 4th grade student across the country to experience their federal public lands and waters in person throughout the 2015-2016 school year. Beginning September 1st all kids in the fourth grade have access to their own Every Kid in a Park pass at www.everykidinapark.gov. This pass provides free access to national parks, national forests, national wildlife refuges, and more! The Every Kid in a Park pass is good for the 2015-2016 school year, until August 31, 2016.

Bird App Available

Audubon has released an updated version of the [Audubon Bird Guide app](#) and it's now free to bird lovers nationwide. With 821 species profiles and 3200-plus world-renowned bird photos, Audubon's award-winning app instantly turns any mobile device into the most trusted field guide in North America. To download the Audubon Bird Guide, go to: www.audubon.org/apps. The free app also provides a great new way to engage more people in becoming active participants in conservation action. [Find a toolkit](#) of resources on Audubon Works to help you share the free app with your members and supporters. The toolkit includes tips and tricks for using the app, email and social copy and images, ecards, a poster, and a captivating video.

All About Birds: Interactive Learning

Here's a fun way to learn about bird anatomy. Cornell's Institute of Ornithology has created Bird Academy with an interactive tool that allows you to study the anatomy of a bird and place more than 100 parts in the proper location. Start building your bird [here](#). To enjoy the spectacular diversity of bird life while exploring the artistry of the Cornell Lab's new mural, Bird Academy's new [Wall of Birds interactive](#) invites you to view the painting in its entirety and zoom in on any of the 270 species to appreciate each brushstroke. One click uncovers each creature's way of life, voice, and range—all powered by recordings from the Macaulay Library and dynamically-updated observation maps from eBird. Vote up your favorites to help others discover the most interesting birds on the planet.

Don't Miss Trailer for *A Plastic Ocean*

[Plastic Pollution Coalition](#), an Earth Island project, is a proud supporter of Plastic Oceans, a global nonprofit that seeks to change the world's attitude towards plastic within a generation. Plastic Oceans' biggest project yet has been to assemble a team of the world's top scientists and leading filmmakers to produce *A Plastic Ocean*, a powerful documentary that will play a key role in spreading the message to stop plastic pollution to the world. [Watch the trailer](#), released today, and join PPC members and friends worldwide in helping to spread the word about this important film.

Professional Development Credits for Teachers

Earn PD Credit Hours! Complete a free webinar from the Wildlife Conservation Society. Visit <http://www.wcs.org/educators/professional-development/webinars> for more information and to register, or call 718-220-5136. PD participation certificates are available to those who participate in the live event.

Teacher's Resources

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

[Changing Circumstances: Looking at the Future of the Planet from Literacy through Photography](#) is a free curriculum for grades 5-8 that focuses on issues of global sustainability and humanity's changing relationship to the world around us, as well as the economic, social, and personal impacts of those changes. Image Galleries include Climate Change, Globalization of Natural Resources, and New Technology.

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

[The Story of Climate Change](#), an interactive textbook for Grades 5-8 is available for download with iBooks on your Mac or iOS device. Students watch glaciers melt, dive into the world’s coral reefs, and explore bike-share programs all from their tablet! The Story of Climate Change is the first interactive iTextbook for middle school students.

[Think It Up](#) invites public school students in grades 7-12 to develop student-powered, teacher-led, crowdfunded learning projects that address real-world problems, generate new ideas, and prepare for 21st-century challenges.

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

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

[Climate Jam Games](#) provide fun resources for students.

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

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

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

[Living Schoolyard Month DIY Lake Science App](#)-Investigate freshwater ecosystems where you live with this new DIY Lake Science App from UC Berkeley's Lawrence Hall of Science, funded by the National Science Foundation.

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

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

[Energy Research and Education Mapping Tool](#) is a free online mapping tool that allows users to map existing and potential energy resources in the 39 states in the eastern United States. Users can run site-suitability analyses for biomass, solar, water, wind, natural gas, geothermal, and nuclear power development, map existing energy resources and environmental characteristics that impact energy development, create a custom map of their region using an extensive database of mapping layers, and search over 2,000 related policies and incentives.

[Essential Lens: Analyzing Photographs Across the Curriculum](#) is a multidisciplinary professional development resource for middle and high school teachers about photography's role in documenting history, change and hidden worlds. Climate change, environmental issues, microbiology, earth and space science, and history are among the subjects investigated through photography.

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

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

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

["Wild about Birds"](#) is focused on the science of birds, including their characteristics and adaptations, habitat needs, migration, and life cycles.

[Brazil and the Amazon - Wildlife Film Script Activity \(7-11 years\)](#): Children will be introduced to the topics of Brazil and the Amazon before using fact sheets to research and write a script for their own wildlife film about an endangered species from the Amazon.

[Technology in Environmental Education Course](#)-This eight-week (self-paced) online course is designed to get you up and running with technologies you can use immediately in your organization and environmental programs. Choose the technologies you want to learn. You can focus on mobile and non-mobile tools to enhance your education programs, or focus on social media apps for marketing your programs. Or you can focus on both!

[New Enviro App: Habitat the Game](#)-The Wildlife Conservation Society and Rainforest Alliance have created this new app for kids to save virtual endangered species and reduce their carbon footprint while on real-life missions. Designed for seven to 12 year-old players, Habitat encourages care of virtual endangered animals while they earn points by completing real-life missions, like recycling or visiting a park or zoo.

[Free ArcGIS for K-12](#) -Esri is providing free ArcGIS Online subscriptions for instructional use for all K-12 schools in the United States as part of the White House's ConnectED initiative. Resources to help schools get started with ArcGIS Online are available [here](#).

[Teaching Climate Change Using the National Climate Assessment Report](#)- Corn producers in Iowa, oyster growers in Washington state, and maple syrup producers in Vermont are all observing climate-related changes that are outside of recent experience. Decisions we need to be making to do something are highlighted [here](#)

[PlanetExplore](#)-Find outdoor activities and events in your area through this portal to the outdoors designed to inspire and enable people of all ages to become regularly active outside, and to gain a connection to nature.

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

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

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

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

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

[Birds Without Borders](#) involves kids in investigations using eBird and other datasets and culminates in their devising conservation initiatives based on themes in Partners in Flight's *Saving Our Shared Birds* report. Includes two free downloadable lessons, one on the ecological role of birds and the other on conservation planning.

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

Contests and Awards

[DEC Environmental Excellence Awards](#) recognize businesses, institutions, government agencies and non-profit organizations for outstanding, innovative and sustainable projects or programs that are contributing to a healthier environment and economy. DEC has scheduled a webinar on Wednesday February 24, from 10 a.m. to 11:30 a.m. to provide details about the awards program and how to submit a competitive application. Participants will also hear from previous award recipients about the benefits of receiving statewide recognition. Those interested in learning more about the awards program and how to submit a competitive application must register at <http://on.ny.gov/1VbKmMx>. Deadline: **April 8, 2016**.

[Carton 2 Garden Contest](#) -Show us your students' creativity by re-purposing milk and juice cartons from your school cafeteria to either build or enhance your school garden. Educators can engage students in a hands-on experience creating teachable moments on environmental stewardship, sustainable packaging and healthy living. The best use of cartons in a school garden gives your school the chance to win one of 14 prizes with a grand prize valued at \$5,000. **Deadline: April 13**

[The Gloria Barron Prize for Young Heroes](#) celebrates inspiring, public-spirited young people from diverse backgrounds all across North America. Established in 2001 by author T.A. Barron, the Barron Prize annually honors 25 outstanding young leaders ages 8 to 18 who have made a significant positive impact on people, their communities, and the environment. **Deadline: April 15.**

[2016 International Sustainable Waterfront Design Competition](#) invites all students and experienced designers, working individually or in teams of up to five, to submit their ideas for a "sustainable waterfront." Participants will need to design a mid-rise, mixed-use complex near a water body (of the participant's choosing) with an affordable cost budget. The conceptual drawings must be paired with a brief essay, written in English with 500 words maximum. The total prize pool is \$20,000. Late registration ends March 31, 2016 and the submission deadline is **April 30, 2016**.

[Controlling Algae and Water Quality](#)-Calling all entrepreneurs: If you have what it takes to stop the world's growing algae menace, you could win \$10 million from Everglades Foundation of Palmetto Bay, Fla. The goal is to identify the most "cost-effective solution to remove phosphorus from water bodies". The George Barley Water Prize launches summer 2016.

Grant and Scholarship Opportunities

[North Face Explore Fund Grants](#) will award \$500,00 to nonprofit organizations that connect people to the outdoors in meaningful ways. Applicants may now also request a member of The North Face global athlete team to join one of their program activities. **Deadline: April 5.**

[EPA Environmental Education Grants](#) -Under the Environmental Education Grants Program, the EPA supports environmental education projects that promote environmental awareness and stewardship and help provide people with the skills to take responsible actions to protect the environment. For this current grant cycle, EPA expects to award approximately 30 grants nationwide, each with a maximum award of \$91,000. **Deadline: April 8.**

[Technical Assistance Grants \(TAG\) Available](#)-The Preservation League of New York State is offering grants of up to \$3,000 to not-for-profit arts and cultural groups and municipalities managing historic sites, museums, arts facilities and other culturally important institutions that are located in historic buildings and structures open to the public. Applications are due by **April 11, 2016**.

[Interfaith Leadership Lab Grants](#) is providing grants of up to \$3,000 to colleges and universities working to create local, collaborative interfaith leadership trainings that speak to the needs of their region. Grant recipients will receive news by April 30 for implementation during the 2016-17 academic school year. **Deadline: April 15.**

[New York State Water Grants Program](#) administered by the NYS Environmental Facilities Corporation (EFC) and the NYS Department of Health (DOH) provides funding for municipalities for municipal drinking water and wastewater infrastructure projects that improve water quality and protect public health. **Deadline: April 15.**

[State Farm Service-Learning grant](#) funds service-learning projects between \$25,000 and \$100,000 that address the root cause of the specific issue areas. Some areas include: Access to Higher Education/Closing the Achievement Gap; Economic Empowerment and Financial Literacy; Community Safety and Justice. **Deadline: April 29.**

[Voya Unsung Heroes Awards Program](#)-Grants are given to K-12 educators utilizing new teaching methods and techniques that improve learning. Each year, 100 educators are selected to receive \$2,000 to help fund their innovative class projects. Three of those are chosen to receive the top awards of an additional \$5,000, \$10,000 and \$25,000. At least one award will be granted in each of the 50 United States. **Deadline: April 30.**

[Toyota Every Day Capacity Building Grants](#)- Up to \$5000 for 25 Public Lands Friends' groups in each cycle. Projects that are needed and will help contribute to the long term sustainability of the organization. **Deadlines: April 30 and October 30.**

[American Honda Foundation](#) supports nonprofit organizations and educational institutions nationwide that address the areas of youth and scientific education. The Foundation's primary funding priority is youth education, specifically in the areas of science, technology, engineering, mathematics, the environment, job training, and literacy. Annual application deadlines: **February 1, May 1, August 1 and November 1.**

[New York / New Jersey Aquatic Trash Prevention 2016 Grant Program](#)-The New England Interstate Water Pollution Control Commission (NEIWPCC), in cooperation with the Environmental Protection Agency (EPA) and state partners, is inviting proposals for projects to be funded under the New York / New Jersey Aquatic Trash Prevention Grant Program. NEIWPCC will distribute \$365,000 in grant funds, designed for individual grants of at least \$45,000. **Deadline: May 10, 2016 at noon.**

[Regional Conservation Partnership Program](#) (RCPP) accepts partner proposals to improve the nation's water quality, combat drought, enhance soil health, support wildlife habitat, and protect agricultural viability. The program leverages local leadership to establish partnerships that can include private companies, local and tribal governments, universities, non-profits and other non-government partners to work with farmers, ranchers and forest landowners on landscape- and watershed-scale conservation solutions that work best for their region. This will be the third round of funding through RCPP. Pre-proposals are due **May 10, 2016.**

[NESARE Graduate Student Grants](#), provided by Northeast SARE, are for graduate students who are researching topics in sustainable agriculture that will serve the interests of farmers and agricultural service providers-- extension staff, NRCO personnel, and others in the agricultural community. Projects should explore the sustainable themes of good stewardship, profitability, and quality of life for farmers and the farm community. Grants are capped at \$15,000 and projects can run up to two years. **Deadline: May 10, 2016.**

[USDA Local Food Systems Grant](#) provides a combined total of over \$26 million in competitive grants, divided equally between the Farmers Market Promotion Program (FMPP) and the Local Food Promotion Program (LFPP). FMPP grants support direct producer-to-consumer marketing projects. LFPP funding supports projects that develop, improve, and expand local and regional food business intermediary supply chain activities, including processing, distribution, aggregation, and storage of locally- or regionally-produced food products. **Deadline: May 12, 2016.**

[NEA Student Achievement Grants](#) and Learning and Leadership Grants. Applications reviewed **February 1, June 1, October 15**. Public school K-12 or College/University teachers or support staff. \$2,000 for individuals or \$5,000 for groups to improve the academic achievement of students in U.S. public schools and public higher education institutions in any subject area or for professional development for educators.

[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. Beginning in 2014, the program will operate as a closed RFP, invitation only process where Wells Fargo engages specific institutions whose work aligns with our giving criteria. If you would like to submit a topic for consideration please email a brief description (150 words or less) to: environmental.affairs@wellsfargo.com

[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.**

[VolunTEEN Nation International Service Project Grants-](#) Students (ages 13-22) from the United States going abroad to volunteer or study in a developing country are encouraged to apply for an international service-learning mini-grant from VolunTEEN Nation. 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.**

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

[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.**

[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.

[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.

[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.

[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 through a range of social action activities, including community service projects, service-learning projects, and social ventures. Application deadline: Rolling.

[The Coca-Cola Foundation](#) partners with nonprofits that address priorities focusing on one of the following: Water Stewardship, Healthy and Active Lifestyles, Community Recycling and Education. Rolling deadlines.

[Kresge Foundation's Healthy Environments grant program](#) seeks to improve the health and well-being of vulnerable populations by making the places they live, learn, work and play safe and conducive to overall good health. Applications are currently being accepted for the Healthy Homes Initiatives, Transportation and the Built Environment Initiative and the Healthy Food Initiative. Application deadline: Rolling.

[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](#).

[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.

Employment and Internship Opportunities

[Transportation Survey Technician Positions](#)-May 16th-August 26th, 2016 (approximately) with Greater Buffalo-Niagara Regional Transportation Council (GBNRTC) whose focus is to establish a comprehensive, coordinated, and continuous transportation process for Erie and Niagara Counties. The metropolitan planning process allows for the annual allocation of federal funds to improve all modes of transportation, including automobile, bicycling, public transit and walking in the two-county region. **Deadline: April 8th, 2016**

[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.

[Excelsior Conservation Corps \(ECC\)](#) will be an AmeriCorps program run in partnership with the NYS Department of Environmental Conservation, the NYS Office of State Parks, Recreation, and Historic Preservation, the NYS Commission for National and Community Service, and the Student Conservation Association. There will be 50 ECC members in New York, all between ages 18 and 25. ECC members will be based at Morrisville State College and will receive training and certifications in wilderness first aid, trail construction, stone and timber construction, carpentry, risk management and emergency response, outreach, and backcountry living.

Summer Camp Interns for Junior Botanist Camp- Gain experience and have fun while teaching kids. Interviews begin in early April. Camp runs July-August. Contact Karen at khammer@buffalogardens.com.

[Town of Evans Director of Planning/Community Development](#)- full-time Director of Planning and Community Development to advise and assist the Evans Town Board.

[Assistant Director](#) with the Genesee Transportation Council (GTC) for the nine-county Genesee Finger Lakes Region, which includes the Rochester, New York metropolitan area and is comprised of Genesee, Livingston, Monroe, Ontario, Orleans, Seneca, Wayne, Wyoming, and Yates Counties.

[Chautauqua Lake & Watershed Management Alliance Project Manager](#)- The Chautauqua Lake & Watershed Management Alliance (Alliance) is seeking to hire a full-time Project Manager who will aid in the Alliance's mission to improve the health of Chautauqua Lake and its watershed. Deadline: **April 15**.

[New York – New Jersey Trail Summer conservations crews](#)-. There are several trail building crews and an invasive species management crew. Deadline-When crew is filled.

Root Down Farm Apprentice - [Root Down Farm](#) is a 300+ member mixed vegetable CSA serving Greater Buffalo. We grow around 200 varieties of vegetables, melons, herbs and cut flowers in rotation on 25 acres. Apprentices will be able to learn about greenhouse maintenance, transplanting, cultivating, harvesting, produce storage, and running a share on a weekly basis as well as the nuances involved in operating a small business. Apprentices will also learn about tractors, tractor maintenance and be assigned a tractor for the duration of the year. To apply, send us your resume: csa@therootdownfarm.com.

[Riverkeeper Internships](#)-The Summer 2016 Internship term runs from Monday, May 16, 2016 to Saturday, August 20, 2016 (14 weeks). The commitment of an intern is 10-15 hours per week (unless otherwise noted). All internships are unpaid. Applications due by **Sunday, April 24**.

Citizen Science

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

[Fun with Frogs!](#)-FrogWatch USA is a frog and toad monitoring program where volunteers learn the calls of local frog species, identify them by song in the field and [record their findings online](#).

[Budburst](#) involves citizens in recording when plant species break their buds and flower in their region. For those interested in recording other seasonal changes, visit https://www.usanpn.org/natures_notebook.

The Great Lakes Marsh Monitoring Program- is designed to collect information about the presence and abundance of bird and amphibian species in Great Lakes coastal and inland marshes, to contribute to our understanding of these species and their habitat needs. MMP volunteers have a unique and rewarding opportunity to support the study and conservation of some of North America's most important - and threatened - ecosystems. For information on assisting with local efforts, please contact: David Spiering, Regional Volunteer Coordinator Ecologist at Tiff Nature Preserve (716) 896-5200 ext. 202 dspiering@sciencebuff.org.

[Rusty Blackbird Spring Migration Blitz](#) – **March through mid-June, 2016**, RTPI Conservation & Outreach Coordinator Scott Kruitbosch is a member of the International Rusty Blackbird Working Group and the statewide Connecticut coordinator for the Rusty Blackbird Spring Migration Blitz. This effort to save the one of the fastest declining once-common landbirds in North America needs your help. You can see more about the species in this [two-page informational document about the Rusty Blackbird](#). Please report all of your Rusty Blackbird sightings to [eBird](#).

[Water Assessments by Volunteer Evaluators \(WAVE\)](#)- is a citizen-based water quality assessment developed by the NYS Department of Environmental Conservation (NYSDEC). The purpose of WAVE is to enable citizen scientists to collect biological data for assessment of water quality on wadeable streams in NY State. Samples WAVE citizen scientists collect benthic macroinvertebrates from wadeable streams. To do so, participants submit sampling locations for review and attend a four-hour training session that provides hands-on experience with the required collection methods. Sampling can be conducted any time between July 1 and September 30. The US EPA equipment loan program offers high quality equipment for bacteria and chemical monitoring. For info on borrowing equipment visit: <http://www3.epa.gov/region02/citizenscience/>.

[Chimp and See](#)-Help primatologists study chimp behavior by scanning videos from the field for interesting behaviors.

Get Involved in Environmental Change in WNY

The WNY Environmental Alliance (WNYEA) has working groups that welcome individuals who want to work on improving environmental issues in our area. Check out the alliance and see a list of working groups [here](#) .

Upcoming Community Activities:

Friday, April 1

Buffalo Bookbike Party- Resurgence Brewery (1250 Niagara St., Buffalo) from 5-9pm. Join us for a fun night supporting FREE books for kids! We will be unveiling the beautiful, custom bookbike (built right here in Buffalo by Nickel City Cycles and Adam Ianni) that will be delivering books to kids in all of the nooks and crannies of Buffalo this summer. There will be an adult tricycle relay race, a basket raffle, bookmark-making, roller derby girls, WNY Book Arts Center will be silk-screening t-shirts on site, and more...It's not to be missed! <https://www.facebook.com/events/1506540946320458/>

Under Attack: Environmental Racism for Economic Benefit and Convenience- First Friday Artist's Talk by Ashley Powell at 7 p.m. Controversial artist Ashley Powell [1] will discuss her exhibit, "*Black on the Ground, White in the Air*", at the *Buen Vivir!* Gallery for Contemporary Art, 148 Elmwood Avenue in Buffalo.

Saturday, April 2

The Buffalo Geological Society Gem Mineral and Fossil Show-Hamburg Fairgrounds. Demonstrations, mini mine, crystal jewelry, rock crystals, fossils, beads, gold panning, flint knapping, sand in bottle making for kids and something for everyone. Free parking. Adults are \$5 and children 12 and under are free as well as scouts in uniform. A two-day pass is \$7. Held in the Market and Grange Building. <http://bgsny.org/buffalo-geological-society-show-2016/>

WNY Hosta Society Monthly Breakfast- 10 a.m. at the Forestview Restaurant, 4781 Transit Rd., Depew. You must register so that they can tell the restaurant how many people to expect. Register before 5 p.m. the day before the breakfast at 941-6167 or H8staman@aol.com. People are asked to bring something that they can pass around and talk about. It can be a plant, a seedling, a catalog, a magazine, a book, a favorite garden tool, a new deer repellent or anything to get folks talking.

Teddy Bear Hike-10:30am. Bring your teddy bear or favorite stuffed animal friend on a walk to explore Reinstein Woods together. For kids ages 3-6. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

Sugar Shanty Open to Public- 10am – 2pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. See our sugar shanty in action as we turn maple sap into sweet syrup.

Nature at Twilight – Sundown Wildlife-6:00pm – 7:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. Come on a quiet walk with Naturalist Mark Carra to explore the world between day and night. The crepuscular creatures find safety in the dim light of dusk living and foraging in the shadows. Stay around afterward with the Buffalo Astronomical Association to marvel at the night sky if you wish. Dress for the weather. Pre-registration is required. Please call 585-457-3228 to register. \$5

Observatory at Beaver Meadow-7:30pm – 10:00pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. At sunset. The Buffalo Astronomical Association will take visitors on a guided tour of the night sky. Open rain or shine. Visitors are invited to bring their own equipment. Donations gratefully accepted.

Green Code Public Hearing- 10 AM to 12 PM at the Buffalo Academy of Visual and Performing Arts at 450 Masten Avenue.

Herbal Hour 2016: Lemon Balm -11am. Spend an hour getting to know just one plant, really well! During Herbal Hour we will devote the entire time to building and strengthening our relationship with our plant friends. Cost is \$12. Every week, alternating Wednesday evenings and Saturday afternoons. Held at Singer Farm Naturals, 6730 Lake Rd, Appleton. Info at <http://reciprocalroots.com/workshops-3/>

Vermicomposting Workshop- 2 to 4pm for ages 8+ at Tiff Nature Preserve. \$6 non-members, 10% discount members. Register at 716.825.6397.

Iroquois National Wildlife Refuge Friends Events-9:00-12:00 PM Birding By Car (Meet at Cayuga Overlook), 1:00-2:00 PM Wildflower Presentation (Meet at the Visitor Center), 1:00-4:00 PM Eagle Watch—Cayuga Overlook Registration required, call 585-948-5445 ext. 7036 to register.
www.facebook.com/IroquoisNationalWildlifeRefuge

It's Ape-ril (Featuring the gorillas)-Come meet our western lowland gorillas, and learn what makes each one of them unique and learn the winning name of the baby boy. Activities will take place from 11:00 a.m. until 3:00 p.m. and include keeper talks and animal enrichment. Since recycling cell phones benefits gorillas in the Congo by decreasing the demand for coltan mining, each visitor who donates an old cell phone will receive a \$1 discount off regular Zoo admission per phone. For more information, please call (716) 995-6133 for more information.

Sunday, April 3

The Buffalo Geological Society Gem Mineral and Fossil Show-Hamburg Fairgrounds. Demonstrations, mini mine, crystal jewelry, rock crystals, fossils, beads, gold panning, flint knapping, sand in bottle making for kids and something for everyone. Free parking. Adults are \$5 and children 12 and under are free as well as scouts in uniform. A two-day pass is \$7. Held in the Market and Grange Building.
<http://bgsny.org/buffalo-geological-society-show-2016/>

Chalk Paint® Basics Workshop-12 - 4pm. Fill your creative spirit at a furniture painting class! This is a great introduction to Chalk Paint®. You will leave this class with a concrete understanding of three different Chalk Paint® decorative paint techniques and both clear and dark waxing techniques. You are allowed to bring in a small item of your own to paint (item should be able to fit in an airplane overhead compartment). This is a hands-on workshop and the size class is kept small for lots of individual attention. Participants will leave with written instructions, hand painted sample boards, a hand painted color chart, as well as their painted item. The cost is \$120. All paint, wax, brushes and supplies provided. Snacks and drinks are provided. Registration is taken on a first-come, first-serve basis. Blue Sky Design Supply at 978 Elmwood Ave, Buffalo, NY 14222. Register at <http://blueskydesignsupply.com/event-registration/?ee=16>.

Fix a Flat- 6:00 PM - 8:00 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 different types of punctures as well as flat prevention. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Suggested donation is \$10 and limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least 2 days prior to the scheduled class if you plan to attend.

Hike the Alabama Swamps-Meet at Paths, Peaks & Paddles at 7:30am where we will car pool to one of many trail heads. Charge for the hike is \$10. The specific trail will be selected as we get closer to the date and we know the weather conditions. Feel free to contact us with any questions regarding this exciting hike! Register with christine@pathspeakspaddles.com. The swamps are a part of a national system of lands that make conservation possible. The 3 areas are: the Iroquois National Wildlife Refuge, Oak Orchard State Wildlife Management Area and the Tonawanda State Wildlife Management Area.

Monday, April 4

Renewable Energy in Erie County-The Sierra Club Climate and Clean Energy Writers Group will meet from 6 to 7:30 PM in the Alliance Room, 2nd floor of the Unitarian Universalist Church - 695 Elmwood at Ferry (Use Garden Entrance). This month's session will feature Eric Walker who is Director of Energy Development and Management for Erie County. Come hear about the County's greenhouse gas inventory and their plans and initiatives for renewable energy. This event is free and open to the public. Contact billnowa@gmail.com for info.

Fram 2016 Spring Lecture: "Thinking Critically: The complexity of climate change". 2:00 pm to 4:00 pm, SAU 1829, Rochester Institute of Technology campus – *Registration Required*. Come join an interactive discussion led by our Fram speaker, Dr. Luis Amaral, on one of the greatest challenges facing humanity. This event is targeted at RIT undergrads but open to all. Refreshments provided, preregistration required. For more information and to register: <https://www.rit.edu/provost/framstudentevent1>

Tuesday, April 5

“Outwitting the Unwanted Plants in Your Garden” - The Genesee County Master Gardeners will host their 2016 [Garden Talk](#) series during the lunch hour from 12:15 p.m. until 12:45 p.m. on the first Tuesday of every month from February through November at the Cornell Cooperative Extension Office, 420 E. Main St., Batavia. There is no registration required and the admission is free. At this talk, learn different tips and tricks to get rid of unwanted weeds in your garden.

Wednesday, April 6

Senior Stroll-10:30am. Experience a leisurely guided walk through Reinstein Woods. For adults only. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

GBNRTC-PCC Meeting-9:30AM at NYS Dept. of Transportation, Region 5 office, 100 Seneca St. Buffalo. Public invited to discuss transportation issues. Monthly meeting locations rotate, so you can confirm at 856-2026.

Interfaith Climate Justice Community Gathering- St Joseph University Parish, Community Room, 3269 Main St., Buffalo. 7:00 – 8:30.

Cycling Session: Bike Commuting 101-6:00 PM, Go Bike Buffalo. Join us for our inaugural cycling session on how to bike commute in the city. During this informal chat, we'll discuss best routes, bike safety, best options for carrying stuff, and how to deal with a showerless/lockerless workplace. See you at Daily Planet (1862 Hertel) at 6 pm!

Herbal Hour 2016: Dandelion -7pm. Spend an hour getting to know just one plant, really well! During Herbal Hour we will devote the entire time to building and strengthening our relationship with our plant friends. Cost is \$12. Every week, alternating Wednesday evenings and Saturday afternoons. Held at Singer Farm Naturals, 6730 Lake Rd, Appleton. Info at <http://reciprocalroots.com/workshops-3/>

Banff Mountain Film Festival World Tour-7pm. Reg Lenna Center for the Arts, Jamestown .The Banff Mountain Film Festival features the best mountain films of the year, showcasing amazing filmmaking talent from the world over to an audience that spans the globe. For the 12th consecutive year, the Roger Tory Peterson Institute of Natural History is bringing the spirit of outdoor adventure and mountain culture to Jamestown! The 2015/2016 World Tour features a collection of exhilarating and provocative films that explore life in the mountains. They highlight remote cultures, intense expeditions into exotic landscapes and bring adrenaline-packed sports into sharp focus. To buy tickets or for more information visit the Reg Lenna Center for the Arts website [here](#) or call (716) 484-7070. The Reg Lenna Center for the Arts is located at 116 East Third Street in Jamestown, NY 14701.

Kinglets: The Smallest Royals- 1 to 3pm. Ever wonder what those tiny birds were flitting from limb to limb using the protection of the dense shrubs to stay out of your sight? Come join Naturalist Mark Carra at Beaver Meadow Nature Center and immerse yourself in the little-known world of this unbelievable survivalist. We'll hike through some of their favorite habitat at Beaver Meadow. Dress for the weather. Pre-registration is required. Please call 585-457-3228 to register \$5 non-members; \$3 BAS members.

Thursday, April 7

Green Development Zone Tour-8:00 AM - 9:00 AM. Get an up close and personal look at PUSH Buffalo's community work by joining us on one of our hour long walking tours. Tours are strictly one hour and begin at 460 Massachusetts Avenue (side door) at 8:00AM. Dress appropriately as this is a walking and/or driving tour. Space is limited! Contact Development Assistant Julia White at juliawhite@pushbuffalo.org or call 716-882-2672 to reserve your spot.

After School Escape- 4:30-5:30 p.m. at Reinstein Woods Nature Preserve. Kids and their parents or caregivers together can enjoy a different, fun, hour-long outdoor activity each week. For kids in grades K through 5. No registration required. Info at 716-683-5959.

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

Backyard Poultry-6:30pm. Would you like to gather fresh eggs from your own backyard? In this class, Amanda will go through the basics of backyard chicken keeping from choosing the right breed to incubating eggs at home. Instructional materials are included in the class price. For required pre-registration or for info contact Amanda at 716-433-8839 x231 or app27@cornell.edu. \$15. One of a series of homesteading classes. Classes will be held at CCE Niagara at 4487 Lake Avenue, Lockport NY.

Emerging Forest Pest Meeting - CCE Wyoming and Genesee Counties are sponsoring Emerald Ash Borer and Hemlock Woolly Adelgid Infestation Updates; Forming a Taskforce to Tackle Forest Pests Come to an informational meeting for Municipal Officials, Parks and Public Works Personnel, Master Forest Owners, and Master Gardeners at 9:30 am in Bethany. Genesee County Park and Forest Interpretive Center 11095 Bethany Center Rd; East Bethany, NY 14054. To RSVP or for more information, contact Don Gasiewicz, CCE Wyoming at (585) 786-2251 or drg35@cornell.edu, or Sharon Bachman, CCE Erie at (716) 652-5400, ext. 150 or at sin2@cornell.edu. RSVP's requested by **April 4th**.

"A Look at Photography in relation to plants and flowers"-11:30am meeting of the Orchard Park Garden Club. Program is at 12:30pm. Wendy Zebehazy, an Orchard Park Garden Club member and experienced horticulturist and photographer, will demonstrate photographic techniques that have helped her win many photography awards. Orchard Park Presbyterian Church, 4369 S. Buffalo St., Orchard Park.

Friday, April 8

Owl Prowl-7:30pm. Learn about local owls, and listen for their calls on a walk in Reinstein Woods. For adults and kids age 8 and up. Fee \$4 per person; \$2 per person for Friends of Reinstein Woods members. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

Buffalo Poverty Research Workshop-9am to 12:30pm at Buffalo & Erie County Public Library, Lafayette Square. The seventh Buffalo Poverty Research Workshop offers everyone concerned with Buffalo's poverty the chance to hear about new and ongoing research, promising strategies, and opportunities for collaboration. The workshop is designed for local scholars, social service agencies, advocates, government leaders and staff, among others. Free and open to the public Post-lunch discussions are also available. [You may register HERE.](#)

Global Health Day-8 am - 4 pm | 401 Hayes Hall, UB. [Register Now.](#)
Talks throughout the day.

Baguettes for Beginners-10am to noon. Does baking with yeast strike fear in your heart? It shouldn't! Learn to bake a simple baguette and breadsticks over the course of a morning. These simple loaves are sure to impress! Pre-registration required. Please call 585-457-3228 to register. \$10 Adults. Beaver Meadow Audubon Center.

Saturday, April 9

Horticulture IV: Gardening for Wildlife – Buffalo & Erie County Botanical Gardens. Classes are from 11am-1pm. Cost is \$130/series or \$27/class for non-members, discount for members. *If registering for individual classes, please note what class you are signing up for in the "Special Instructions" section during checkout. <http://www.buffalogardens.com/collections/adults/products/horticulture-iv-spring-2016>

Hummingbirds at Home-10:30 to noon at Beaver Meadow Audubon Center. Who isn't fascinated by these miniature jeweled avian wonders? Join Naturalist Mark Carra for a study of the hummingbirds of the world and find out how you can become a participant in an important National Audubon Society citizen science project to help determine the effects of delayed wildflower blooming. Pre-registration is required. Please call 585-457-3228. Adult Program.

Digital Nature Photography for Beginners: Focus on Wildlife-1pm. Learn some tips for taking great nature photos. For adults and children ages 12 and older. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

2016 Community in Bloom Gardening Class-Cornell University Cooperative Extension of Erie County is offering its popular gardening courses. This year's course will discuss nuisance wildlife solutions, plant propagation and landscape design. Location: Unitarian Universalist Church Address: 695 Elmwood Ave. Buffalo, NY 14222 Registration deadline: April 1, 2016 Cost is \$20 and classes run 8:30am-3:15pm. Pre-registration required at <http://erie.cce.cornell.edu/resources/mg-2016-communities-in-bloom>

Birding Technology- 1 to 3pm at Beaver Meadow Audubon Center. Join Naturalist Tom Kerr for an overview of some of the most popular birding apps for smartphones, and a tutorial of the popular citizen science project, eBird. \$5.

Mini-Makers: Decorate a Foraging Basket -1 to 2:30pm at Modern Nostalgia, 1382 Hertel Ave., Buffalo. Decorate a kid-sized basket for nature foraging expeditions using natural and other embellishments. This workshop takes place at Makers Buffalo, located at 1382 Hertel Avenue in Buffalo. Pre-registration is required. To register, visit www.makersbuffalo.com \$25; Ages 8+ or younger with a parent or guardian.

Friends of Iroquois National Wildlife Refuge Events-10:00-11:00AM Gardening for Caterpillars (Meet at the Visitor Center), 1:30-3:30 PM Native American Walk (Meet at Kanyoo Trail), 1:00-4:00 PM Eagle Watch—Cayuga Overlook Registration required, call 585-948-5445 ext. 7036 to register.
www.facebook.com/IroquoisNationalWildlifeRefuge

Earth Day Gatherings Honoring Mother Earth and Sister Water-Sponsored by Sisters of St. Francis Penn Dixie, 4050 North St., Blasdell, 2:00 pm.

The Culture of Pruning- 10:00-11:30AM | \$20 members; \$25 non-members. Learn traditional methods, commonly followed practices, and specialty pruning techniques for a wide array of plant species. Discover the best tools for pruning and how to sharpen them. Bring your favorite pair of clippers! Darwin D. Martin House, New York State Historic Site, 143 Jewett Parkway, Buffalo, New York. (716) 856-3858 | www.darwinmartinhouse.org

Skyride Launch Party- 2 to 5pm. Come celebrate the beginning of the biking season and the kick-off to our 3rd Annual SkyRide—GObike Buffalo's signature annual fundraising event. 3 beers for \$10 at Flying Bison Brewery! Volunteer sign-ups and discount registration on-site.
<http://gobikebuffalo.org/event/skyride-launch-party-2/>

Second Saturday at the Foundry-Workshops and classes, 12-4pm. Bring your kids to make some felted soap and felt finger puppets. 298 Northampton, Buffalo. For a listing of workshops (some require RSVP), visit http://www.thefoundrybuffalo.org/classes_workshops.

Native Roots Workshop- 2 to 3:30pm for ages 18+ at Tiff Nature Preserve. \$5 for non-members, 10% discount for members. Learn about selective native species. Register at 716.825.6397.

Sunday, April 10

Bearing Overhauls: Go Bike Buffalo- 6:00 PM - 8:00 PM, cost | \$10. Bearings help keep bikes rolling. If they are out of adjustment your bike could be in for some serious issues. Learn how to assess, adjust, and overhaul the various bearing systems in a bike. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Suggested donation is \$10 and limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least 2 days prior to the scheduled class if you plan to attend.

Buffalo Ornithological Society April Bird Count-Contact Compiler: Joe Fell at 716-239-1508 or joetf1973@aol.com

Monday, April 11

Erie Canal Harbor Development Corporation Meeting- 10:30am. Board Room of ESD's Buffalo Regional Office, 95 Perry Street - Suite 500, Buffalo, NY 14203.

Little Tykes Mini Nature Camp-9:30-11am, ages 3-5. \$8/child. Tiff Nature Preserve. Register at 716.825.6397.

Tuesday, April 12

"Ten Plants That Rocked History"-Annual Dinner meeting of the Niagara Frontier Botanical Society with Speaker David Clark, internationally recognized horticultural speaker and educator. He is Horticultural Instructor at both the Phipps Conservatory and Botanical Garden in Pittsburgh and the Buffalo & Erie County Botanical Garden. He has given lectures and workshops throughout the country from California to Connecticut. Reservation deadline by April 5 -[here](#). . Orazio's Restaurant, 9415 Main St., Clarence, NY 14031. Park in the rear – entrance to the banquet hall is in the rear. Buffet Dinner \$27 6:00 P.M. Cash Bar, Dinner served at 7:00PM.

ADK General Meeting and Education Workshop- 6:30 – 7:15 Happy Half Hour 7 - 7:30 General Meeting 7:30 - 9:00 at 77 Washington Highway, Snyder Amherst Community Church NOTE: Please park in rear and enter through back door. Program: Mike Masterson says, What Good Are Bees Anyways? Bees sting, don't they? Why should you care about them? Mike Masterson, owner of Masterson's Garden Center in East Aurora, NY has been working with nature for 40 years. Masterson's now has a large, complete beekeeping department at the nursery offering seminars and apprenticeship programs at their apiary on site. The benefits of honey and other products from the hive will be discussed. Mike has helped more than 200 new beekeepers get started in this beneficial hobby. Come out and see what the buzz is all about!

Trail Tuesdays- 6:30pm. Turn your love for the outdoors into rewarding action. Assist with projects to help maintain and improve ecosystems and trails throughout Reinstein Woods. There is something for almost every age and ability to help with! Refreshments provided. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

"Flight of the Monarchs"- Kenmore Garden Club will meet at 10 a.m. Tuesday, April 12 at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. David O'Donnell, owner of Eastern Monarch Butterfly Farm in Clarence, will talk about monarch butterflies and how important it is for gardeners to plant native milkweeds. Free and open to the public.

Ken-Sheriton Garden Club- 7:30 p.m. at St. Mark's Lutheran Church, 576 Delaware Rd., Kenmore. Club Member Diane Wolfe will present a horticulture workshop on the Kodedama string garden or Japanese moss ball. A monthly business meeting to follow. For info, call 833-8799. Guests are welcome.

Wednesday, April 13

New York Environmental Alliance Habitat Working Group- 6-8pm at the Buffalo Museum of Science in the Earth Room. Questions-contact Jay Burney at greenwatch100@gmail.com.

Volunteer Training – How to Participate in an Audubon Day- 9:30am – 12:00pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. We'll demonstrate three of our most popular programs taught at an Audubon Day. You'll receive printouts for each program and learn how to teach them with an emphasis on hands-on activities and how learning can be fun. The next step will be to shadow others at your convenience to see how you can personalize your contribution. Please let us know if you plan to come. Please call 585-457-3228 to register.

Volunteer Training - Grandpa Tree- 1pm – 3pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082. Join us in learning about a new program we are conducting with school children in Wyoming County schools. Volunteers are needed to assist with reading a short story to students and leading them on a short tour of the preserve culminating with a visit to Beaver Meadow's own Grandpa Tree. No experience necessary! Please let us know if you plan to come. Call 585-457-3228 to register.

“Oil On Water: Calming The Seas But Not The Science”- 8th Annual Howard Tieckelmann Lecture Series presentation by Professor Geraldine Richmond, Department of Chemistry & Biochemistry, University of Oregon. 4pm in Norton Hall, Rm 112 at University of Buffalo.

Urban Forestry and Tree Care-The [Genesee County Master Gardeners](#) will offer their popular educational programs again this spring. All programs are from 6 p.m. – 8 p.m. at the Genesee County Cornell Cooperative Extension building, 420 East Main St., Batavia. The cost is \$10 per person per class unless otherwise noted. Pre-registration is required as class size is limited. The registration deadline is **April 8**. For info call (585) 343-3040, ext. 101. Healthy trees are an asset as they provide cooling shade, habitat for birds and can increase the value of your property. Garrett Koplun, Department of Environmental Conservation forester will instruct those attending on how managing trees in an urban environment differs from a traditional forest environment. He will discuss a number of problems common to trees in an urban setting as well as cover ways on how to improve and prevent tree health issues. This program is free.

“Herbs-Bon Appetite”-The Lancaster Garden Club will meet at 7 p.m. at St. John’s Lutheran Hall, 55 Pleasant Ave., Lancaster. Lee Schriener will give a talk about herbs, their many culinary uses and more. You will be able to order herbs to pick up at the May meeting. Guests and new members are welcome.

Buffalo Ornithological Society Meeting-Buffalo Museum of Science, 1020 Humboldt Pkwy, Buffalo, NY 14211, Jaeger Room at 7:00 PM. Kathy Leacock, Collections Curator at Buffalo Museum of Science, will host a behind the scene tour of the bird specimen collection at the museum. Tour will follow usual business meeting.

Thursday, April 14

After School Escape- 4:30-5:30 p.m. at Reinstein Woods Nature Preserve. Kids and their parents or caregivers together can enjoy a different, fun, hour-long outdoor activity each week. For kids in grades K through 5. No registration required. Info at 716-683-5959.

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

WNY Herpetological Society- 6:45 pm at the Julia Boyer Reinstein Library on Losson Road in Cheektowaga. The doors will open at 6:30 PM, with a short business meeting starting at 6:45 PM. [Monthly Meetings](#) Guest speaker **Amanda Martin will be discussing her recent field herpetology survey project, and eastern box turtle tracking research.**

Western NY Emerald Ash Borer Taskforce (WEABTF)- 9 am at Erie County Emergency Service Training Center, 3359 Broadway, Cheektowaga, NY 14227. Contact Sharon Bachman at sin2@cornell.edu

Friday, April 15

Spring Peeper Prowl!- 7:30 p.m. – 8:30 p.m. at [Evangola State Park](#). Faster peeping in a rival male. More powerful than a locomotive’s acoustics. Able to leap 17 times its own length in a single bound! Look! Down in the leaves! Up in the reeds! It’s frozen! It’s thawed! It’s Super Frog! This is a family friendly frog walk. *For information and registration call (716) 549-1050.*

Saturday, April 16

Birding 101: Class #4-2:30pm. Who’s flying over the pond? And who’s hiding in the reeds? Learn about the ducks and wetland birds of Reinstein Woods. For adults only. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

2016 Community in Bloom Gardening Class-Cornell University Cooperative Extension of Erie County is offering its popular gardening courses. This year’s course will discuss nuisance wildlife solutions, plant propagation and landscape design. Location: Cornell Cooperative Extension Address: 21 S. Grove St. East Aurora, NY 14052 Registration deadline: April 8, 2016. Cost is \$20 and classes run 8:30am-3:15pm. Pre-registration required at <http://erie.cce.cornell.edu/resources/mg-2016-communities-in-bloom>

PUSH Buffalo Meeting- 3pm at The Grant St Neighborhood Center, 271 Grant St., Buffalo.

Horticulture IV: Four Seasons Gardening – Buffalo & Erie County Botanical Gardens. Classes are from 11am-1pm. Cost is \$130/series or \$27/class for non-members, discount for members. *If registering for individual classes, please note what class you are signing up for in the "Special Instructions" section during checkout. <http://www.buffalogardens.com/collections/adults/products/horticulture-iv-spring-2016>

Underground Railroad Experience-7:30-9pm at DeVeaux Woods State Park. Join us for a candle lantern walk through the woods and fields. Learn of some of the challenges encountered by slaves escaping to freedom in Canada. Bring your own candle lantern or borrow one of ours. (Ages 8 and up only.) *For information and registration call (716) 282-5154.*

Herbal Hour 2016: Dandelion -11am. Spend an hour getting to know just one plant, really well! During Herbal Hour we will devote the entire time to building and strengthening our relationship with our plant friends. Cost is \$12. Every week, alternating Wednesday evenings and Saturday afternoons. Held at Singer Farm Naturals, 6730 Lake Rd, Appleton. Info at <http://reciprocalroots.com/workshops-3/>

Volunteer with ReTree District -9am to 1 pm | Kapoor Hall at UB. Join in as University Heights Collaborative leads a collective effort to plant another 200 trees across Buffalo's University District! Click [here](#) for more information.

Webelow AOL Elective Adventure: Into the Wild- 10am – 2pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center. Learn about what a "flyway" is and how birds use them. We'll search for the wild creatures that make the almost 400 acres of Beaver Meadow their home. How do the insects, reptiles, birds and mammals relate to one another and survive in our interesting ecosystem? Get ready to get wet when we dip for clues to survey the health of a pond. Pre-registration is required. Please call 585-457-3228.

Jr. Audubon Club: Hamburg Hawk Watch- 10am – 12pm at Lakeside Memorial Cemetery, Hamburg New York ([map](#)). Join Buffalo Audubon Society Naturalist Tom Kerr for our monthly birding adventure! This month we will be meeting at Lakeside Cemetery in Hamburg. We will be looking for Hawks, Vultures, Eagles, and other Raptors as they make their way north to their nesting grounds. A short intro to binoculars will be conducted for newcomers. Binoculars are provided. Kids ages 8 to 16. Lakeside Cemetery is located on Camp Road, 1/2 mile north of Southwestern Blvd. Pre-registration is required. Please call 585-457-3228 to register. Donations gratefully accepted.

Gardening for Monarchs- 11:00am – 12:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, Let's get gardening for the monarch butterfly! ...And welcome them back after their long winter in Mexico. The decline of the monarch butterfly has been traced to habitat loss, herbicides and pesticides. Home gardening with native plants can provide much-needed safe havens for butterflies to nectar, breed, and lay their eggs. Donna Barski, volunteer naturalist with Buffalo Audubon, and Ellen Folts, horticulturist and owner of Amanda's Native Perennial Nursery, will provide updated news on the current status and habitat requirements of monarch butterflies. They will discuss specific host and nectaring plants along with other perennials and provide advice on their cultivation, with a view to attracting a variety of pollinators. A limited supply of milkweed seeds will be available free to participants. The presentation will conclude with a raffle of a Butterfly Rearing Cage. Common and swamp milkweed plants, along with a variety of perennial wildflowers, will be available for purchase. Pre-registration is required. Please call 585-457-3228 to register. \$5 Adults and children 14+.

Sparks Workshop: Earth Art-2 to 3:30pm for ages 5+. Collect beautiful specimens at Tiff Nature Preserve and create earthbased works on the trails. \$7 for non-members, \$5 for members. Register at 716-825-6397.

Friends of Iroquois National Wildlife Refuge Events-10:00 -12 PM Birding By Car (Meet at Cayuga Overlook), 12:30-3:00 PM Outdoor Photography (Meet at the Visitor Center), 1:00-4:00 PM Eagle Watch—Cayuga Overlook, 7:30-9:00 PM Owl Prowl -LIMITED Registration required, call 585-948-5445 ext. 7036 to register. www.facebook.com/IroquoisNationalWildlifeRefuge

2016 Buffalo Astronomical Association Annual Dinner Banquet-Special guest speaker Kimberly Cartier, PhD candidate at The Pennsylvania State University, will present “Exoplanets, the Future, and You”. To register [download the invitation](#) with dinner menu and RSVP. Risotto Ristorante, 930 Maple Ave., Amherst. Cash bar at 6pm, buffet at 7:15 followed by program. It has been a long road of discovery from the very first extra-solar planet (now, which one was it again?) to nearly two thousand confirmed planets and counting. With new telescopes on the horizon, we stride toward answering one of our most fundamental questions: how does our planet fit in to the grand scheme of the cosmos. And through the combined efforts of nearly half a million citizen scientists worldwide, we can revolutionize our understanding of what worlds may be out just waiting for us to discover on Twitter @AstroKimCartier, and on Universe Today’s Weekly Space Hangout.

Raptor ID Workshop- Lakeside Cemetery, 4810 Camp Rd, Hamburg, NY 14075 at 9AM (weather date: Sunday, April 17th). Join us at the official BOS hawkwatch location for a half-day field course on raptor ID. Enjoy display flights by the local pair of Cooper’s Hawks as well as passerine migrants - this is a great spot for Vesper Sparrow. Meet at 9AM inside the Camp Rd gate, just past the mausoleums. When parking, it is very important to keep your car on the pavement and not on the grass! At this time of year, a cool lake breeze can occur, so dress appropriately! Bring a chair. Rick Bacher as leader: rick.lord@gmail.com

Enriching Zoo Animals-10:00 a.m. -12:00 p.m. Have you ever wondered what we do to keep our animals happy and busy? At this workshop, you will learn firsthand how our keepers “enrich” the lives of our animals with fun toys and treats. Learn about animal behavior, help us create delicious treats for some of our incredible animals, and watch the animals interact with your creations! [CLICK HERE to download the WILD WORKSHOP REGISTRATION FORM](#) Pre-paid registration is required, and all participants are required to pay the workshop fee. For more information call us at (716) 995-6128.

Sunday, April 17

Go Bike Buffalo: Drivetrain Workshop-6:00 PM - 8:00 PM, cost is \$10. Join us for hands on learning and discussion of different crank types, chain sizes, cassettes, freewheels, derailleurs and shifting. All classes are held at the GObike Community Workshop (98 Colvin Ave) . Suggested donation is \$10 and limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least 2 days prior to the scheduled class if you plan to attend.

Stewardship of the Natural World: Life Depends on Nature, Climate and Humans!- Presentation by David Kowalski, Case Library at Westminster Presbyterian Church 724 Delaware Ave., Buffalo at 9:30am.

Monday, April 18

“Healthy Bees”-Presentation by Geri Hens on April 18 at 7pm, preceded by a potluck meal at 6:30 pm. Unitarian Universalist Church of Amherst, Main St., Williamsville. Healthy bees and pollinating insects ensure the widespread availability and diversity of our food choices. What if there were no bees - what would we eat? This will be a social commentary and discussion of the importance of insect pollination and agriculture, food decisions/production/distribution, land issues, habitat loss and ecosystem collapse. Geri Hens of Hens Honey Bee Farm is owner and operator of a successful organic apicultural operation for 28 years. She is the only USDA certified raw organic wildflower and tree varietal honey produce.

Tuesday, April 19

Trail Tuesdays- 6:30pm. Turn your love for the outdoors into rewarding action. Assist with projects to help maintain and improve ecosystems and trails throughout Reinstein Woods. There is something for almost every age and ability to help with! Refreshments provided. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

“Did you know climate change can have a negative impact on your physical health?”- Talk by Alan H. Lockwood. Bogal Hall at Hilbert College, 5200 South Park Avenue, Hamburg, NY 7:00pm. (info 648-3340). Dr. Lockwood’s latest book on climate change and health will be available this summer, published by MIT Press, and is the topic of this free community presentation!

“Business As Usual in a Time of Growing Environmental Catastrophe”- 7pm. Presentation by Dr. David Whaley at the Audubon Library, 350 John James Audubon Parkway, Amherst. Register at 716-689-4922. <http://www.buffalolib.org/libraries/links/3/files/holistic%20-%20spring%202016%20-%20sheet.pdf>

“Severe Weather Coverage and the Day in the Life of a TV Meteorologist”- 7pm. Meeting of the WNY Chapter of the American Meteorological Society in Room 272 of the Science Building - Buffalo State College - 1300 Elmwood Avenue - Buffalo, NY - Park in Lot 1-37 and follow the signs. Presentation by Channel 2’s Meteorologist Jennifer Stanonis. Jennifer moved to Western New York in 2005, when she started forecasting on Buffalo television. Jennifer has earned the highest weather seal you can get as a meteorologist in television, the Certified Broadcast Meteorologist (CBM) Weather Seal, given by the American Meteorological Society. Jennifer has a calculus based Meteorology Degree from SUNY College at Brockport. She graduated in the Honor's Program. Jennifer also has a Broadcast Journalism Degree from San Francisco State University where she was awarded a scholarship, graduated with honors, and made the commencement speech. For further information visit: <https://www.facebook.com/amswnychapter/> or contact: info@weathermedic.com

Wednesday, April 20

Investigating Nature: Private Eye-4:30pm. Take an up-close peak at nature using jeweler’s loupes to investigate patterns in nature, during National Environmental Education Week at Reinstein Woods. For children ages 8 and up. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

“Hope for Future Survival with Local Restoration Communities”- 7pm. Presentation by Dr. David Whaley at the Audubon Library, 350 John James Audubon Parkway, Amherst. Register at 716-689-4922. <http://www.buffalolib.org/libraries/links/3/files/holistic%20-%20spring%202016%20-%20sheet.pdf>

Herbal Hour 2016: Echinacea -7pm. Spend an hour getting to know just one plant, really well! During Herbal Hour we will devote the entire time to building and strengthening our relationship with our plant friends. Cost is \$12. Every week, alternating Wednesday evenings and Saturday afternoons. Held at Singer Farm Naturals, 6730 Lake Rd, Appleton. Info at <http://reciprocalroots.com/workshops-3/>

Sci-Art Night: Watercolor Landscapes- 6:30 to 8:30pm for ages 21+. Learn how to paint landscapes (outdoors weather depending) at Tiff Nature Preserve. \$25 non-members, 20 for members (includes materials). Register at 716.825.6397.

“Common Sense Gardening” -Presented by Jacqueline Albarella at 7 p.m. at the [Elma Public Library](#), 1860 Bowen Rd., Elma. Albarella will share helpful tips for both starting and keeping a garden. Her newest book, “Dirty Tricks in the Garden,” will be available for purchase and signing. Albarella is a lifelong gardener, local author and host of WGRZ’s “2 the Garden.” This program is free, but registration is requested. To register, call 652-2719.

Thursday, April 21

“Geology of National Parks”-7pm by Phil Stokes, Penn Dixie Executive Director, an illustrated presentation in the auditorium of the Gateway Executive Office 3556 Lake Shore Rd., Blasdell, NY. \$5/person, Penn Dixie members FREE. No pre-registrations required.

After School Escape- 4:30-5:30 p.m. at Reinstein Woods Nature Preserve. Kids and their parents or caregivers together can enjoy a different, fun, hour-long outdoor activity each week. For kids in grades K through 5. No registration required. Info at 716-683-5959.

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

Wonderful Weaving-6:30 pm, \$20, One of a series of homesteading classes. Classes will be held at CCE Niagara at 4487 Lake Avenue, Lockport NY. Learn to weave a reed basket with Jen. Join our beginner weaving class and make a simple and functional basket using age-old methods and techniques. You will take home your own basket! All materials are included in the price. For required pre-registration or for info contact Amanda at 716-433-8839 x231 or app27@cornell.edu.

Beginning Bonsai Workshop-The Buffalo and Erie County Botanical Gardens will hold workshops from 6 to 9 p.m. Thursday, April 21 and Friday, April 21 at the Botanical Gardens, 2655 South Park Ave., Buffalo. Celebrate trees with these hands-on workshops by fashioning a live bonsai tree while learning about the art of bonsai, techniques and styles with the [Buffalo Bonsai Society](#). All materials will be provided. Participants may wish to bring gardening gloves and a large box for transporting your bonsai home. Space is limited in each session. The cost is \$75 for Botanical Gardens members and \$80 for non-members. Registration is available [online](#).

Friday, April 22

"Global Health Implications of COP21 in Paris"-1-2 pm | 180 Farber Hall | UB South. Jessica Owley teaches environmental law, property and land conservation. She received her Ph.D. in environmental science, policy and management from the University of California-Berkeley in 2005, shortly after completing her J.D. at Berkeley Law in 2004.

UB Renew Distinguished Lecture: John Fullerton - Afternoon (exact time TBD) | Student Union Theater John Fullerton is the founder and president of Capital Institute, “a collaborative working to explore and effect the economic transition to a more just, regenerative, and thus sustainable way of living on this earth through the transformation of finance.” Previously, he was a managing director of JPMorgan where he managed multiple capital markets and derivatives businesses around the globe and then ran the venture investment activity of LabMorgan as Chief Investment Officer through the merger with Chase Manhattan Bank in 2001. Join us for this informative and engaging lecture about reimagining capitalism and creating a regenerative economy.

2016 Benefit for WNYEA- 5 pm at Pearl Street Brewery, Hosted by Alpha Kapp Chi at University at Buffalo. Enjoy a night out with excellent food, local beverages and lots of fun all while raising money for the WNY Environmental Alliance and Designing to Live Sustainably. [Event details here.](#)

Earth and Moon Hike-7 to 8:30pm. Ages 5+ at Tiff Nature Preserve. \$5 non-members, 10% discount for members. Register at 716.825.6397.

Beginning Bonsai Workshop-The Buffalo and Erie County Botanical Gardens will hold workshops from 6 to 9 p.m. Thursday, April 21 and Friday, April 21 at the Botanical Gardens, 2655 South Park Ave., Buffalo. Celebrate trees with these hands-on workshops by fashioning a live bonsai tree while learning about the art of bonsai, techniques and styles with the [Buffalo Bonsai Society](#). All materials will be provided. Participants may wish to bring gardening gloves and a large box for transporting your bonsai home. Space is limited in each session. The cost is \$75 for Botanical Gardens members and \$80 for non-members. Registration is available [online](#).

Saturday, April 23

Earth Day at Penn Dixie-9am. Volunteers welcome & have free admission to collect fossils. www.penndixie.org

Spring Volunteer Day- Journey’s End Refugee Services from 9am-1pm (rain date April 30th) 36 Brewster St. (behind the Tri-Main building, 2495 Main St., 14214) Come out and enjoy the warm weather! Assist refugee farmers in preparing our farm for the 2016 Growing Season! & ENJOY FREE PIZZA FOR YOUR HARD WORK!! For more info contact Kyla Jaquish: (716) 262-5308 or kjaquish@jersbuffalo.org & like us on Facebook!!

Birdwatching Walk-2:30pm. Take a guided walk to search for seasonal birds. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

Peregrine Falcons of Buffalo- 10am – 3pm at Buffalo Central Terminal, Paderewski Drive, Buffalo. Join Naturalist Tom Kerr as we look for Peregrine Falcons in the City of Buffalo. Watch the fastest animal in the world get ready for its nesting season. There are four active nests within the city limits, and we will visit them all! Binoculars and scopes are provided. Participants must provide their own transportation. Meet at Buffalo Central Terminal, 495 Paderewski Drive, Buffalo. Pre-registration is required. Please call 585-457-3228 to register. Donations gratefully accepted.

Nature's Engineers-10:30am. Explore Reinstein Woods in search of some of nature's finest engineers, including beavers, caddisflies and spiders. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

Spring Shoreline Sweep-Volunteers Needed- 10am to noon to help cleanup our area and protect our region's most valued asset — our water. Register at <http://bnriverkeeper.org/cleanup/>

Horticulture IV: Creative Containers & Raised Beds – Buffalo & Erie County Botanical Gardens. Classes are from 11am-1pm. Cost is \$130/series or \$27/class for non-members, discount for members. *If registering for individual classes, please note what class you are signing up for in the "Special Instructions" section during checkout. <http://www.buffalogardens.com/collections/adults/products/horticulture-iv-spring-2016>

Gorge Hiking Series: Where the Falls Formed-10:00 a.m. – 12:00 p.m. at Earl W. Brydges Artpark State Park. Take a casual hike to learn about the formation of the falls and more natural history-related topics. For information and registration call (716) 282-5154.

2-Part Foraging Course-Oakmoss Education of West Falls will be partnering with East Aurora's historic Roycroft Campus in presenting a two-part program on wild plant foraging and preparation. The first session, Introduction to Wild Plant Foraging begins at 10:00am at West Falls Park. This outing covers the topic of field herbalism where participants will learn the basics of plant identification and ethical wildcrafting. Part two, Introduction to Wild Plant Preparation, will be held at the Roycroft Power House the following Saturday, April 30th, starting at 1:00pm. This hands-on workshop will share concepts involved in the preparation of wild plants for food and health. The fee for this 2-part, adults only course is \$40.00 and advance registration is required at <http://roycroftcampuscorporation.com/index.php/education/upcoming-classes> or by phone at 716-655-0261.

Tortoise and the Hare and Nature Festival-Earth Spirit Educational Services is hosting their first annual 5k Race and One Mile Fun Run at 10 a.m. The run, which consists of a certified 5K course, is being held at Chestnut Ridge Park (MacKinnon Lodge) and will be followed by Earth Spirit's annual Spring Nature Festival. The cost to pre-registrants is \$30 per adult and \$20 for children 7-17. All who pre-register will receive a free t-shirt. Children 6 and under are free. After April 1st, the cost increases to \$35 for adults and to \$25 for children. itsbuffalotime.com to register. Spring Nature Festival, 10am-2pm will include a series of nature hikes led by an Earth Spirit guide, live animal exhibits, bird banding demos and other surprises. There will be a variety of food trucks on site including Amy's Truck and Cruisin' Crepes.

Earth Day-Cazenovia Park at 10:00 a.m. - 1:00 p.m. Come by Cazenovia Park on April 23 and visit our informational booth on Olmsted Naturally. We would be sharing with you about our composting program, the Emerald Ash Borer problem in our parks, and more.

10th Annual Buffalo Enviro-Fair-Walden Galleria Mall from 11:00 a.m. - 3:00 p.m.

Spring Wildflowers-Early Bloomers-10am – 12pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center. Get ready to hike several of the trails here at Beaver Meadow. Join Naturalist Mark Carra for a stroll to some of his favorite wildflower habitats to search out the earliest blooming flowers in the forest and marvel at their beauty and learn about their interesting folklore. Pre-registration is required. Please call 585-457-3228 to register. \$5 non-members; \$3 members.

Wild n' Weird-10am to 4pm at the Buffalo Museum of Science. Jeff Musial from Nickel City Reptiles & Exotics will be present. These shows are an additional \$5 for non-members, \$4 for members.

Stewardship Saturday at Tiff Nature Preserve-9am to noon or 1-4pm for ages 12+. Volunteer to help with outdoor projects. Preregistration required at 716.825.6397.

Iroquois National Wildlife Refuge Events-12:30-3:00PM Outdoor Photography, Meet at Visitor Center Registration required, call 585-948-5445 ext. 7036 to register. [facebook](#)

Sunday, April 24

DIY Bicycle Fenders-6:00 PM - 8:00 PM. Is the winter slush or spring rain leaving you feeling a bit damp? We will teach you how to make your own fenders out of recycled materials. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Suggested donation is \$10 and limited to 10 people. Please RSVP to stacy@gobikebuffalo.org if you plan to attend.

Taste of the Southtowns- Fundraiser for Gooseneck Hill Waterfowl Sanctuary, from 11:30-5 P.M. INSIDE St. Aloysius Hall, 190 Franklin St., Springville. Restaurants will be serving 50 food items. 50 Basket Chinese Auction, Silent Auction, 2 Live bands: "The Rustic Ramblers" and "Wagner & Winston". Get a Massage by Eric Davis for \$1/minute. Free Admission with purchase of Chinese auction or food tickets. For info call 716-942-6835 rosebird@frontiernet.net.
www.gooseneckhillwaterfowlfarm.com

Foraging: Identifying and Sustainably Harvesting Ramps-1:00pm – 3:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center. Join Director of Education, Lauren Makeyenko to learn how to ID and sustainably harvest ramps. Each participant will be allowed to harvest a limited amount of their own to take home as well as taste some delicious recipes after the program. Ramps (or wild leeks) are only found for a short time in the spring and are listed by the USDA as a species of "special concern, commercially exploited". Pre-registration is required. Please call 585-457-3228 to register. \$10 Adult Program.

Braddock Bay Hawkwatch- Braddock Bay Bird Observatory, 10 Braddocks Ave, Hilton, NY 14468, Meet at 9:30 AM in the parking lot at Braddock Bay State Park, 199 E Manitou Road, 14468. David Gordon leads this joint trip with the RBA (Rochester Birding Association). Weather permitting, we will indulge in the spectacle of spring hawk migration from the hawkwatch platform. The bay should also have good numbers of waterfowl and the nearby woods may hold new arrival passerines. If owls are present, a short trip to Owl Woods will also enliven the day! This is a full day trip so bring drinks, lunch, snacks, sunscreen and a chair (for hawk watching). Bathrooms are available at the park. Be aware that a lake breeze can develop this time of year which is a cool/cold breeze out of the north compliments of Lake Ontario. Dress appropriately. Leader David Gordon (dgordonphoto@yahoo.com)

Monday, April 25

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

Tuesday, April 26

Trail Tuesdays- 6:30pm. Turn your love for the outdoors into rewarding action. Assist with projects to help maintain and improve ecosystems and trails throughout Reinstein Woods. There is something for almost every age and ability to help with! Refreshments provided. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

Sierra Club Meeting-Join others with the Niagara Sierra Club for their monthly meeting at 7pm at Room 227 Duns Scotus Hall, Daemen College. Visit www.daemen.edu/maps for directions.

Educator Workshop: Aquatic Wild- 4:30 to 7:30pm. This interactive, hands-on workshop provides K-12 educators with an interdisciplinary curriculum that focuses on aquatic wildlife and ecosystems. Participants receive a curriculum guide full of activities that are correlated to learning standards. Refreshments provided. For educators of students in grades K-12. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

“The Messenger”- Buffalo Audubon will be hosting a screening at 7:30pm at Regal Quaker Crossing Stadium 18. This new documentary by award-winning filmmaker Su Rynard (*Dream Machine, Kardia*) chronicles the struggle of songbirds worldwide to survive in turbulent environmental conditions brought about by humans and argues that their demise could signify the crash of the ecosystems globally, akin to the disappearance of honey bees and the melting of the glaciers. Tickets must be purchased in advance by **April 18th** in order to ensure that the screening takes place. Cost is \$11 general admission and can be purchased at www.tugg.com/events/90030

Imagine Greater Buffalo Lecture Series- Noon to 1pm at the Downtown Public Library “Ring of Knowledge” area. Free to all, bring your lunch. Noon to 12:30- ["Science Wars: What Scientist Know and How They Know It](#) - The 18th Century: Locke, Hume, and the Path to Skepticism" The Great Courses Video #6 by Professor Steven L. Goldman, Lehigh University, video, 12:30-1pm **Discussion Co-sponsored by [WNY STEM Hub.](#)**

Wednesday, April 27

Erie Canalway Commission and Heritage Fund Board Meeting- 10am-1pm at Lockport Locks and Erie Canal Cruises, 210 Market Street, Lockport. The commission and board meet quarterly to plan and direct activities of the National Heritage Corridor. The public is welcome to attend.

ADK Book Club- 6:30 PM in the Meeting Room at the EggertsvilleSnyder Library Branch at 4622 Main St in Snyder, near the corner of Burroughs and Main. We will discuss “Bellefleur” by Joyce Carol Oates, a gothic novel set in the Adirondacks about the wealthy and notorious Bellefleur clan. Newcomers are always welcome! For more information contact Janet at janetk300@gmail.com

Thursday, April 28

After School Escape- 4:30-5:30 p.m. at Reinstein Woods Nature Preserve. Kids and their parents or caregivers together can enjoy a different, fun, hour-long outdoor activity each week. For kids in grades K through 5. No registration required. Info at 716-683-5959.

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

Green Drinks-5:30 to 7:30pm at D’Arcy McGee’s, 257 Franklin St., Buffalo. Network with others in environmental businesses and non-profits. Provide input for the Sept. 24 Environmental Summit to be held at Daemen College. RSVP’s appreciated (free drink to first 50) at melanie@buffalo-energy.com. All are welcome.

Educator Workshop: Project Learning Tree-9:30am to 4pm. Project Learning Tree is an award-winning environmental education program featuring an interdisciplinary, hands-on curriculum that uses the forest as a window on the world. Refreshments provided. For educators of students in grades PreK-8. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

6 Minute Building Stories-6:30 to 8:30pm. 6Mbs is an informal and fun gathering featuring presentations by esteemed speakers from diverse cultural disciplines. Speakers present their building story through 18 images. The total time allotted for each slide is 20 seconds and, as the slide changes after 20 seconds, so does the related verbal content. Admission is \$5.00, and the event will have light refreshments, a cash bar. First Presbyterian Church, 1 Symphony Circle, Buffalo. A tour of the building is available at 6pm.

Grain to Green Fundraiser- 5 to 9pm. The Grain to Green project by Vision Niagara will transform an old malting factory brownfield into a community gathering area at 1318 Niagara Street. Resurgence Brewery, Niagara St.

Friday, April 29

Earth Day Gatherings Honoring Mother Earth and Sister Water-Sponsored by Sisters of St. Francis at Stella Niagara Preserve, Lower River Rd. Lewiston at 10 am. sgoodremote@fssj.org

Arbor Day Tree Tours- 4pm and 6pm. \$10. The Buffalo & Erie County Botanical Gardens has recently received Level II Accreditation as an Arboretum through ArbNet, the interactive community of arboreta! Celebrate Arbor Day by visiting some of the trees in our outdoor collections while learning the basics of tree identification. Walks take place rain or shine. Register at <http://www.buffalogardens.com/collections/adults/products/arbor-day-tree-tour-2016>

Saturday, April 30

WNY Regional Science and Engineering Fair- Cheektowaga Central School (3600 Union Rd). Public programs and viewing of exhibits. Agenda at <http://wnyrc.org/regional-fair/>.

Fun Guy's Guide to Fungi-10:30am. Our knowledge of fungi has mushroom for improvement to say the yeast. Come learn about these mysterious organisms and by the end we're sure you'll be lichen them! Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

It's Local: A Conference on Buffalo and Area Weather & Climate- SUNY Buffalo State. Free and all are welcome. If you love weather - especially local weather - you will want to attend. Registration begins at 8:00 a.m., with presentations running between 9:00 a.m. to 2:00 p.m. A light lunch will be served. Two workshops will be given between 2:00 and 3:00 p.m. Numerous poster presentations will be on display throughout the conference. Pre-registration is required to obtain lunch. The workshop seating is limited and will be available only to those who pre-register. To pre-register for the conference, simply e-mail Dr. Stephen Vermette at vermettsj@buffalostate.edu indicating your interest. Please use "It's Local!" as your subject line. If you wish to attend one of the workshops (you can attend only one workshop), please indicate this in your e-mail. You will receive an e-mail confirmation. If your indicated workshop is full, you will be given the option to select the other workshop. If both workshops are full, you will be notified.

Aliens!-2pm. Visitors from outer space in Reinstein Woods? No, just plants and animals introduced from other parts of the world. Join a guided tour to meet these alien invaders. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew. Registration required unless otherwise noted; call (716) 683-5959.

Herbal Hour 2016: Echinacea -11am. Spend an hour getting to know just one plant, really well! During Herbal Hour we will devote the entire time to building and strengthening our relationship with our plant friends. Cost is \$12. Every week, alternating Wednesday evenings and Saturday afternoons. Held at Singer Farm Naturals, 6730 Lake Rd, Appleton. Info at <http://reciprocalroots.com/workshops-3/>

2-Part Foraging Course-Oakmoss Education of West Falls will be partnering with East Aurora's historic Roycroft Campus in presenting a two-part program on wild plant foraging and preparation. Part two, Introduction to Wild Plant Preparation, will be held at the Roycroft Power House starting at 1:00pm. This hands-on workshop will share concepts involved in the preparation of wild plants for food and health. The fee for this 2-part, adults only course is \$40.00; advance registration is required by phone at 716-655-0261 or at <http://roycroftcampuscorporation.com/index.php/education/upcoming-classes>.

Early Migration Birding: Beaver Meadow- 8am – 11am at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center. Join Naturalist Tom Kerr for an early morning birding hike at Beaver Meadow Audubon Center. We'll be looking for early songbird migrants as they head north in search of nesting habitat. Meet at Nature Center Parking Lot. \$5.

Spring into Nature at Iroquois National Wildlife Refuge- 9am to 4pm. Call 585-948-5445 ext. 7036 to register. www.facebook.com/IroquoisNationalWildlifeRefuge

Wild Safari: Discover Hawk Creek's Big 5-11am-4pm. Join us on a wild safari around the world! We all know about Africa's "Big Five", but now is the time for you to discover Hawk Creek's Big Five! Come celebrate Earth Day with our resident hawks, owls, falcons, eagles and wild cats. Who do you think will make our Big Five list? Travel the Center and discover for yourself as you watch our "Wild Safari" - live flying bird show and experience our "Walk With the Eagles"™ tour. Bring your camera for the Big Five photo safari and all children receive a free gift. Refreshments, gift shop, and hands-on activities for all ages. Event parking is FREE and tickets are \$12 for adults, \$10 for veterans and seniors, \$8 for children, and \$28 for a family pass of up to 2 adults and 3 children. Children 4 and under are FREE. Tickets can be purchased at the gate or online. <http://www.hawkcreek.org/>

International Astronomy Day- 10am to 4pm. Buffalo Museum of Science. All activities included with museum admission or free to members.

Electronics Recycling-9:00 am - 2:00 pm at Apple Tree Business Park, Cheektowaga NY. Rain or shine... drive through and we'll unload your electronics! Acceptable Materials For Recycling: www.old.sunning.com/acceptable-materials

Spring Wildflower Walk-Take a guided walk in search of spring wildflowers through the [Niagara Escarpment Preserve](#) on Leete Rd. in Lockport from 10 a.m.- 12 p.m. Join Ed Fuchs, long-time member and past president of the Niagara Frontier Botanical Society, and Erin Redding, an environmental scientist with Gomez and Sullivan Engineers, who will lead the wildflower hike. This event is being hosted by the Western New York Land Conservancy. Located on the Niagara Escarpment, the 36-acre property is part of the unique geological formation and home to woodland plants that are found at few other places in such high diversity and numbers. Sign up for the wildflower hike [here](#).

Sunday, May 1

Penn Dixie Spring Bird Walk-9am, led by Marilyn O'Connell, Wild Birds Unlimited. FREE Program. Children welcome. Bring binoculars, cameras, and wear boots. www.penndixie.org

Iroquois National Wildlife Refuge- 1:30-4:00PM Wildflower Photography Meet at the Visitor Center 0-4:00 PM Eagle Watch—Cayuga Overlook. Registration required, call 585-948-5445 ext. 7036 to register. www.facebook.com/IroquoisNationalWildlifeRefuge

Tips for the Environment:

1. **Spring Planting**-Consider the options for seed starting and planting with tips [here](#) as well as effective tips on [gardening](#) .
 2. **Reuse and recycle your Tips for the Environment**-we are probably all using CFL bulbs, recycling regularly and engaging in lots of earth-friendly behaviors. If you have tips to share, please send them to me to include. I will be updating the archived list on our new website.
-

April's Contribution by Lesley Haynes: Remember the 4 R's: Reduce, Reuse, Recycle, Repair

April is Keep America Beautiful Month –On April 22 of this year, the 46th anniversary of Global Citizen Earth Day will be celebrated in many countries and comes during a crucial time to protect the planet and ensure that world leaders address key issues facing the next generation. The question for us is what can we do locally as individuals to make a change in the environment?

Now that spring is here why not turn off the TV and internet and turn on to the community? The average person in the United States watches tv over 4 hours a day. Four hours filled with messages about things we should buy. That is time that could be spent with family, friends and in our neighborhood. On Earth Day, enjoy the energizing fresh air, the contact with the soil, and companionship with nature! Walk through the woods in search of emerging wildflowers and green moss.

In many states, including the state of New York, there are Mandatory Take-Back Programs? Some of the items required by law to be accepted by retailers or manufacturers are: car batteries, motor oil and auto tires.

Car Batteries: To reduce the number of times that you have to replace your battery consider paying a little more for longer-life, lead-acid batteries or sealed gel-cell batteries. The acid is in semi-solid gel form, rather than liquid, so a cracked gel cell does not leak. They last twice as long, do not require the addition of sulfuric acid, and involve less maintenance because no corrosion forms on the terminals. It is illegal in most states to discard a car battery in the trash or on the street, so return it to the dealer.

Motor Oil: All service stations that change oil are required to accept up to five gallons of used motor oil per day, per person, at no charge. It is illegal to discard used motor oil or transmission fluid in the trash, on the ground, or into sewers. Improperly disposed motor oil from just one oil change can contaminate up to a million gallons of water. Consider installing synthetic oil, which, while more expensive than traditional lubricating oil, offers longer intervals between oil changes without compromising engine life. It also keeps your engine cleaner and reduces engine wear.

Auto Tires: dumped at the side of the road, in vacant lots, or along railroad tracks are unsightly and can provide a breeding site for mosquitoes. Extend the life of your tires by taking a few minutes each month to check the pressure and tread depth – this can reduce tire life by 50 percent. Buy retreaded tires. Retreading bonds new tread to the existing tire body using a process very similar to the manufacture of a new tire and the retread is 30 to 50 percent cheaper than a new tire.

Recycle: when buying new tires, return your old ones to be recycled. Businesses that sell or install tires must take back tires of approximately the same size that they sell. Also, residents can drop off up to four passenger car tires at any NY Department of Sanitation garage. These tires are collected by a contractor and taken to a facility where they are converted to electricity.

If you take these suggestions you will be lowering your auto upkeep costs and the recycling of batteries, motor oil and auto tires will help to keep the environment clean and free from contamination.

Just changing one thing at a time will help the environment and our personal lives.

Don't forget– "Together we can make a difference." lesleyhaynes14@yahoo.com

GROW WNY: Local Website for Everything Environmental

GrowWNY (<http://growwny.org>) is a new hyper-local source of information about living green in Western New York. To showcase your local events or advertise a future event, be sure to submit to their online calendar.

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

Buffalo Niagara Riverkeeper- <http://bnriverkeeper.org/get-involved/volunteer/> for opportunities.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

<http://www.buffalospree.com/Buffalo-Spree/Events/>

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

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

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

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

<http://buffalorising.com>

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

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

Additional local blogs and websites-

Buffalo Barn Raisers- <http://www.buffalobarnraisers.com/>

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

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

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

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

Buffalo Tours- <http://buffalotours.blogspot.com/>

Buffalo Green Fund-<http://www.buffalogreenfund.org/>
Canning Tips for Food Preservation- <http://www.motherearthnews.com>
Campaign for Buffalo History, Architecture and Culture- <http://greaterbuffalo.blogs.com/>
Chirps and Cheeps Bird Blog- <http://www.chirpsandcheeps.com/>
Daily Public- <http://www.dailypublic.com/>
Dept. Environmental Conservation Calendar- <http://www.dec.ny.gov/calendar/>
DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>
Edible Buffalo- <http://ediblebuffalo.wordpress.com/>
Erie Cattaraugus Rail Trail- <http://www.ecattrail.org/>
Fix Buffalo- <http://fixbuffalo.blogspot.com/>
Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>
GBNRTC-<http://www.gbnrtc.org/blog/>
Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>
Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>
Learning Sustainability Campaign- <http://www.learningsustainability.com/>
Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>
Reuse Action-<http://reuseaction.com/blog/>
Rochester Environment- <http://www.rochesterenvironment.com/>
WNY Enviro- <http://groups.yahoo.com/group/WNY-ENVIRO/>
Outdoors Niagara- <http://www.outdoorsniagara.com/>
Environmental Tips- <http://www.globalstewards.org/ecotips.htm>
Good Neighborhood- <http://thegoodneighborhood.com/>
Buffalo Architecture and History- <http://www.buffaloah.com/>
Richardson-Olmsted <http://www.richardson-olmsted.com/>
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
All about Nature- <http://www.meetup.com/All-About-Nature-in-WNY/>
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- www.k12.ginet.org/resources.cfm?subpage=6518
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>
Rochester Roots-<http://www.rochesterroots.org/>
SOLE of Buffalo- <https://www.facebook.com/pages/SOLE-of-Buffalo/242409525795420>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
South Buffalo CREW- <http://www.southbuffalocrew.com/>
U Save Buffalo/Recycling- <http://www.facebook.com/USaveBuffalo>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>
WGRZ Outdoors- <http://www.wgrz.com/local/2-the-outdoors/>
Citizen Science Opportunities- [listing](#)

Green Jobs, Internships and Opportunities

Environmental Internships-<http://environmentalinterns.ncseonline.org/>
Green Jobs- <http://www.greatgreencareers.com> , <http://www.greenjobs.com/>
UB Green Job list- <http://www.ub-careers.buffalo.edu/green.php>
Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

New York State Resources

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

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

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

<http://assembly.state.ny.us/gan/>
www.wnygrantmakers.org/
www.grantstation.com
www.grantwatch.com
www.grantwrangler.com
www.grantsalert.com
<http://www.glrppr.org/funding/>
<https://attra.ncat.org/index.php>

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

Arden Farm- <http://theardenfarm.com/>
Becker Farms- <http://www.beckerfarms.com/csa>
Busti Cider Mill- www.busticidermill.com
Canticle Farms-<http://www.canticlefarm.org>
Chicken Worth Eating-<http://www.chickenwortheating.com/>
Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>
Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>
Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>
Erie County Farmers' Markets- [http://www.agriculture.ny.gov/AP/CommunityFarmersMarkets.asp#Erie County](http://www.agriculture.ny.gov/AP/CommunityFarmersMarkets.asp#Erie%20County)
Falkimmer Farms- <http://falkimmerfarms.com/>
Farmer Pirates-<http://www.farmerpirates.com/>
Farmers and Artisans- <http://farmersandartisans.com>
Farmthisway CSA - <http://www.farmthisway.com/>
Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- <http://www.first-light-farm.com>
Five Loaves Farm- Kauffman.m@gmail.com
Flavor Farm- www.flavor-farm.com
Good Food Farm- www.goodfoodfarm.blogspot.com
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Green Heron Growers- <http://www.greenherongrowers.com/>
Green Shoots- [www.jersbuffalo.org/index.php/programs/category/Green Shoots for New Americans](http://www.jersbuffalo.org/index.php/programs/category/Green%20Shoots%20for%20New%20Americans)
Harvest Patch- <http://www.harvestpatch.com/>
McCollum Orchards/Wildwood CSA- <http://www.oldfarmnewlife.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <http://www.platodalefarm.org/>
Porter Farms- <http://porterfarms.org/>

The Promised Land- <http://www.promisedlandcsa.com/produce.htm>
Queen City Farm- www.queencityfarm.org/
Reigle's on the Ridge- <http://www.localharvest.org/reigles-on-the-ridge-M48650>
Richardson Farms/Grace's Garden- <http://www.localharvest.org/richardson-farms-graces-garden-M51641>
Roots & Wings Family Farm- <http://www.rootsandwingsfamilyfarm.com>
Root Down- www.therootdownfarm.com
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals- www.singerfarmnaturals.com
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
T-Meadow Farms- <http://tmeadowfarm.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
NY Sustainable Agriculture Working Group- <http://www.farmtraveleronline.com/>
NYSAWG Links to Farmers' Markets, CSA, Other farms- <http://www.nysawg.org/directory-of-farms.html>
Local Harvest (resource site)-<http://www.localharvest.org/>
NY Agri-women - <http://www.newyorkagriwomen.com/>
Local Meats- <http://meatsuite.com/>

Local Tourism promoting Sustainability

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

Recycling, Reuse, 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, Radio Shack, Lowe's
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps- Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
Carpet- WNY Professional Flooring, 864-3875
Cars- <http://www.donateacar.com/>
Clothing, general- Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, American Eagle Outfitters
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs- Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno "trash"- <http://greendisk.com/>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking dropoffs
Cell Phones- Buffalo Zoo, Aquarium of Niagara and other charities
Drug disposal best practices- <http://www.dec.ny.gov/chemical/45083.html>
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses- Lions Club <http://donateglasses.net/search.html> for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)
Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>
Green Cleaning programs in the workplace- <https://greencleaning.ny.gov/Entry.asp>
Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>
Hazardous Household materials- <http://www.hazmanusa.com/>
Household Goods (Appliances, Furniture, Kitchenware)- Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600
Ink cartridges- RecyclePlace.com and most manufacturers
Mattresses- <http://www.triadrecycle.com/mattress.html>
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
Pantyhose/tights- NoNonsense.com/PantyhoseRecycling.aspx
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
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
Yoga mats- RecycleYourMat.com

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/>

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/
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 Greenways	http://Amherstgreenways.org
Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html
Animal Advocates of Western New York	http://www.animalswny.org/
Aquarium of Niagara	www.aquariumofniagara.org

Artfarms	http://www.artfarms.org/
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Bless the Beasts Foundation	http://blessthebeastsinc.webs.com/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Audubon Society/Beaver Meadow Nature Center Volunteer Day every Wed. 10am-2pm at Beaver Meadow	www.buffaloudubon.org
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Astronomical Association	http://www.buffaloastronomy.com/
Buffalo Bike Share	www.buffalobikeshare.org/
Buffalo Brownfields Opportunities Areas	http://buffalobrownfieldopportunities.com/
Buffalo Citybration	http://citybration.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo First	www.buffalofirst.org/
Buffalo Geological Society Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran	www.bgsny.org
Buffalo Green Code	http://www.buffalogreencode.com/
Buffalo in Bloom	www.buffaloinbloom.com/
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Microparks	http://www.buffalomicroparks.com/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Riverkeeper	www.bnriverkeeper.org/
Buffalo Niagara 2050 Transportation	www.buffaloniagara2050.com
Buffalo Olmsted Parks Conservancy	www.bfloparks.org

Buffalo Orienteering Club	http://www.buffalo-orienteeing.org/
Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Solar Carousel	http://buffaloheritagecarousel.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Cabelas	www.cabelas.com/stores/store_info.jsp?pageName=058#events
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/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens' Environmental Coalition	www.cectoxic.org/index.html
Citizens for Regional Transit	www.citizenstransit.org/
Citizen Science Community Resources	http://www.airhugger.org/
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	http://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Community Action Organization of Erie County	http://www.caoec.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cornell Cooperative Extension for Cattaraugus County	http://chautauqua.cce.cornell.edu/
Cornell Cooperative Extension for Erie County	http://counties.cce.cornell.edu/erie/
Cornell Cooperative Extension for Niagara County	http://counties.cce.cornell.edu/niagara/
Daemen College Center for Sustainable Communities	www.daemen.edu/academics/centersinitiatives/CSCCE
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html

Designing to Live Sustainably	http://www.d2lsbuffalo.com/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	http://www.eriecanalharbor.com/
Erie County Community College Going Green	http://eccgoinggreen.ecc.edu/index.html
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
Fillmore Corridor Neighborhood Coalition	http://www.fcnc-buffalo.org/
First Hand Learning	www.firsthandlearning.org
Food is our Medicine Project	www.foodisourmedicine.org/
Food Policy Council of Buffalo & Erie County	http://buffaloeriefoodpolicycouncil.org/
For A Clean Tonawanda Site	www.factsofwny.com/
Foundry	http://thefoundrybuffalo.org/

Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gander Mountain Store (seminar listings)	http://www.gandermountain.com/store-locator/
Garden Clubs of WNY	www.gardenclubsofwny.com
Garden Walk Buffalo	http://gardenwalkbuffalo.com/
Genesee County Nature Center	www.gcv.org
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Good Going WNY	www.goodgoingwny.com
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Experience	http://www.thegreatlakesexperience.org
Green Development Zone	http://greendevelopmentzone.org/
Green WNY	http://greenwny.com/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	www.gwbuffalo.org
Habitat for Humanity Buffalo Intro to Volunteering 9am-3 rd Saturday each month	http://www.habitatbuffalo.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	www.jamestownaudubon.org

Jamestown Community College	http://www.sunyjcc.edu/sustainability
Jane's Walk-Buffalo	http://janeswalk.org/united-states/buffalo-ny/
Junior Solar Sprint Buffalo	www.jssbuffalo.com
Lake Erie Forum	http://www.lakeerieforum.org/
Lake Erie Seaway Trail Center	http://lakeerieseawaytrail.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Learning Sustainability Campaign	http://www.learningsustainability.com/
Local Initiatives Support Corporation	http://www.buffalolisc.org
Maddie's Pet Rescue Project	http://www.maddieseriecounty.org/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org/centralwestern
Nature Ed-Ventures	www.natureed-ventures.com
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/

New York State Association of Conservation Commissions	http://www.nysaccny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	www.nysparks.com
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
New York State Sustainable Agriculture Working Group	http://www.ny-sawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York State Wetlands Forum	http://www.wetlandsforum.org
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Frontier Botanical Society	https://sites.google.com/a/niagarafontierbotanicalsociety.org/niagara-frontier-botanical-society/home
Niagara Frontier Wildlife Habitat Council	http://www.nfwhc.org/
Niagara Heritage Partnership	http://www.niagaraheritage.org/
Niagara Restoration Council	www.niagararestoration.org/
Niagara River Anglers Association	http://www.niagarariveranglers.com
Niagara River Greenway Commission	www.niagaragreenway.org
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Partnership for the Public Good	www.ppgbuffalo.org

Paths, Peaks and Paddles	www.pathspeakspaddles.com
Penn Dixie Paleontological and Outdoor Education Center Open Sat. 9am-4pm May-Oct. for fossil collecting	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	http://www.niagara.edu/renu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://rocbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Roger Tory Peterson Institute	www.rtpi.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	http://www.southbuffaloalive.com/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/

Sustainable Earth Solutions	www.sustainableearthsolutions.com
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://tonawandacreek.shutterfly.com/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	http://21stcenturypark.org/
UB Engineers for a Sustainable World	http://www.eng.buffalo.edu/esw
UB Environmental Network	https://www.facebook.com/groups/2239558471/
UB ERIE Program	http://www.erie.buffalo.edu/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
University Heights Collaborative	http://ourheights.org/
UnwasteNY	http://www.unwastenyny.org
Urban Land Institute	http://newyork.uli.org/regional/
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	http://www.voice-buffalo.org/index.html
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 Herpetological Society	http://www.wnyherpsociety.org/

Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	http://www.wnylc.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnysc.org/
Western New York Service Learning Coalition	http://levesqueinstitute.niagara.edu/programs/wnyslc/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/new/projects.html
West Side Ministries	http://www.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Ones, Native Plants and Natural Landscapes	http://www.wildonesniagara.org/
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/