

Enviro-News

December, 2016

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

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Articles:

Lead Poisoning Presentation

Partnership for the Public Good Co-director Sam Magavern and University at Buffalo law students will present a free workshop on potential policy changes at the local, state, and federal level to reduce lead poisoning in western New York. The workshop will be held from 10am to noon on **December 2, 2016** at Market Arcade Building 1st floor Conference Room, 617 Main Street. The presentation will provide an introduction to lead prevention policies, recent changes in city laws, lead poisoning thresholds, drinking water, soil, funding, disclosure laws and liability insurance. The public event is free, but seating is limited, so please RSVP to sam@ppgbuffalo.org to reserve a seat.

Breakfast with Santa

The Buffalo Audubon Society will be holding its annual on **Saturday, December 3rd**. Activities run from 9:00 am to 12:00 noon at the Beaver Meadow Audubon Center located at 1610 Welch Road in North Java and include holiday crafts, storytelling, face painting and live animals. Admission price of \$7.00 Adults and \$5.00 Children includes a homemade French toast breakfast with local maple syrup. Children three and under are free. For more information, contact Beaver Meadow at 585-457-3228 or email info@buffaloudubon.org.

Have you been wondering about the air quality in Tonawanda?

It's been a few years since residents in Tonawanda had an opportunity to know if they're breathing clean air. The New York State Department of Environmental Conservation will be having a free public community presentation on **Tuesday, December 6th** at 6pm to inform residents on the latest DEC air monitoring data.. The event will be held at River Road Fire Company, 39 Kaufman Ave., Tonawanda. More info at [DEC Air Quality Update](#).

SPCA Wildlife Volunteer Orientation

An informational session for prospective volunteers to assist the Erie County SPCA's Wildlife Department will be held **December 8** from 6-8pm in the auditorium. The session will cover volunteer needs in communications and admissions, care of birds and other wildlife, husbandry care and other topics. Please call Barb Haney, Director of Wildlife at 716-799-8653 or email her at barbh@spcaec.com for questions or to reserve a place. The shelter is located at 205 Ensminger Road, Tonawanda, NY 14150.

Hemlock Woolly Adelgid Training

Roger Tory Peterson Institute (RTPI), in partnership with Jamestown Community College and Chautauqua Watershed Conservancy, is currently planning a Hemlock Woolly Adelgid (HWA) Training and subsequent surveys throughout the Southern Tier this winter. Join RTPI on **Thursday, December 8** at 6pm for a HWA Citizen Scientist Survey Training. More information on this and planned surveys can be found at www.rtpi.org.

Forest Owner Woodlot Management Workshop

A free workshop on managing private woodlots in light of invasions from non-native insects and plants as well as an introduction to the Master Forest Owner Volunteer Program resources available in Western New York will be presented from 10 a.m. to noon **Tuesday, Dec. 13** in the Visitor's Center at the Erie County Parks Bureau of Forestry, intersection of Genesee Rd. and Warner Gulf Rd., East Concord. Registration and refreshments will start at 9:30 a.m. The workshop is open to all interested private woodlot managers, targeting those who also manage agricultural lands and agency personnel that work with these land managers. The final portion of the workshop will be a 30-minute woods walk (weather permitting) with Erie County Forester Shane Daley, looking at some of the management considerations discussed on the Erie County Forest property. **Please register by Friday, Dec. 9.** [Register online](#) or call Emily Staychock with Cornell Cooperative Extension at 315-536-5123, ext. 4127.

Municipal Solar Ordinances: Guidance and Considerations

NYSERDA's PV Trainers Network and Erie County invite all local public officials involved in approval processes of solar photovoltaic (PV) systems to attend this free solar workshop on "Municipal Solar Policy: Zoning for Solar" on Tuesday, December 13 from 10am to noon in Orchard Park Town Hall, Basement Meeting Room This workshop will cover topics related to solar development that are especially relevant to local governments with a focus on developing a local solar zoning ordinance. The first part of the workshop will discuss: solar development in agricultural areas, and solar and property taxes including Real Property Tax Law Section 487 and Payment in Lieu of Taxes (PILOTs). The second part of the workshop will walk participants through the NY State Model Solar Ordinance and review strategies and best practices for developing a clear, comprehensive, and enforceable solar regulatory framework. Local government officials who complete this course are eligible to receive complementary one-on-one technical support in designing and implementing smart solar policy in their local jurisdiction. To register: <https://www.eventbrite.com/e/municipal-solar-ordinances-guidance-and-considerationstickets-29581673582>

WNYEA Meeting to Focus on Dynamic Shared Space and Plastic Pollution

The 2016 WNYEA Quarterly Meeting will be held on **Wednesday, December 14** from 5:30-8:30pm at Tewksbury Lodge, 249 Ohio Street, Buffalo, NY 14204. The Western New York Environmental Alliance, an umbrella organization for environmental groups, invites you for a lively discussion around the opportunity for a dynamic shared space that will incorporate environmental entrepreneurialism, innovation, social interaction, and recreation. Help us determine what our shared values and aspirations are as we move forward with this project. Afterwards, join the representatives from Erie County, Citizens Campaign for the Environment, the Alliance for the Great Lakes, and the members of the Western New York Environmental Alliance for a community discussion on the issue of plastic pollution like plastic bags in our communities and ecosystems. This discussion will feature a keynote presentation by Dr. Sherri Mason, renowned researcher on plastic pollution in the Great Lakes. The meeting is free, but please [register](#).

Outer Harbor Plans

A [set of 13 videos and photo essays](#) documenting different sections of the Outer Harbor and exploring ideas for enhancing public access and natural preservation is now available. The videos and photo essays were produced by the Greening Buffalo class at the University at Buffalo School of Law.

Public Comment Period for Draft Renewal of MS4 General Permit

The draft renewal of the SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4) (GP-0-17-002), Fact Sheet and supporting documents are [available for public review](#). When final, GP-0-17-002 will replace the current MS4 General Permit, GP-0-15-003, which is due to expire on April 30, 2017. GP-0-17-002 will be effective for a five year term and will cover discharges of stormwater to surface waters of the State from small MS4s. Written comments must be submitted by close of business on **December 2, 2016**.

DEC Seeks Assistance to Locate Black Bear Dens

State Department of Environmental Conservation (DEC) wildlife biologists are seeking the public's help to learn about new black bear dens throughout New York. As part of DEC's ongoing monitoring of black bears in New York, wildlife biologists periodically check on black bears during the winter den season. The bears may be fitted with a radio collar to help biologists track the bears' activities throughout the rest of the year and to relocate dens in subsequent years for monitoring cub production, condition, and survival. Bears may den in a rock crevice, tree cavity, or under heavy brush or fallen trees. Since female bears generally give birth in January or early February, a high-pitched squeal from the cubs may be audible if near a den. New York hikers and hunters typically cover countless miles of wooded terrain each year. DEC urges anyone who finds a bear den to not approach or disturb the den, but simply to note the location and move away from the den site. DEC requests that anyone locating a bear den contact their local DEC Wildlife office with specifics about the den location, including GPS coordinates if possible. A list of regional wildlife offices is available on DEC's website. <http://www.dec.ny.gov/>

Local Author Encourages Outdoor Exploration in his Book for Children

Dave Bauer, former Alden High School teacher and active member in local environmental activities, published his first book for children this past year. "What's Under that Rock, Papa?" encourages outdoor discovery and fun that can be had in one's own backyard. The book features beautiful illustrations and was inspired by Bauer's relationship with his own grandchildren who serve as guides through the book. You can listen to Dave's Earth Day interview on WKBW to learn more about the book at <http://whatsunderthatrockpapa.com/>.

150th Anniversary SPCA Gala

To celebrate 150 years of compassion, the SPCA will be hosting a Gala at the Hotel @ The Lafayette on **January 28, 2017**. The evening will feature a three-course meal, music, a silent auction, and more. Tickets will be on sale in December.

Project Sunroof

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

Reuse Action 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, or stop by 980 Northampton Street for a visit any Tuesday, Friday or Saturday from 9am-4pm. Profits from sales put people to work!

Wind and Solar Simulations for Global Availability

Renewables.ninja allows you to run simulations of the hourly power output from wind and solar power plants located anywhere in the world. This tool will help make scientific-quality weather and energy data available to a wider community. Check it out at <https://www.renewables.ninja>

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 NYSEERDA 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 info can help you make informed decisions about implementing energy efficiency improvements. NYSEERDA 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 or lag@cjbrownenergy.com.

Explore Buffalo Docent Training Program

The Winter 2017 Docent Training Program will train new docents in the downtown *Masters of American Architecture* walking tour. Class times are Saturday mornings, 9 AM to 12 PM, from **February 11 to April 1, 2017**. Weekly attendance is essential; applicants who will miss more than one week due to travel commitments, etc. should consider other volunteer opportunities with Explore Buffalo. Due to space constraints for the Docent Training Program, we are unable to accept docent trainees who will miss multiple weeks. Classroom sessions will be held at First Presbyterian Church on Symphony Circle and field sessions for the specific tour training will take place at various downtown locations. An Information Session for the Winter Docent Training Program will be held **Tuesday January 10** at 7pm will be approximately one hour in length at First Presbyterian Church of Buffalo at One Symphony Circle, Buffalo, NY 14201. Please RSVP to attend either Information Session to brad@explorebuffalo.org. Applications are available at <http://explorebuffalo.org/docent-training/>. **Applications are due by January 23, 2017.**

Electronic Waste Assistance Grants for Municipalities

Applications will be accepted during January 2017 for assistance with electronics waste disposal from any municipality that did not already apply during the October 2016 application period. The 2016/17 State budget included \$3 million from the Environmental Protection Fund to assist municipalities with recent unexpected costs of recycling electronic waste. These grants can reimburse up to 50% of actual expenses incurred during April 1, 2016 to March 31, 2017 for recycling of covered e-waste such as computers, computer peripherals, televisions, small scale servers, and small electronic equipment. For more information, or to download an E-Waste Assistance Grant application, visit the DEC website at <http://www.dec.ny.gov/chemical/107384.html>.

Riverkeeper Announces “Water Academy”

Buffalo Niagara Riverkeeper’s Water Academy provides an experiential field course that will educate adults about local environmental issues through unique partnerships and service learning. Registration is open for this college-level course designed to introduce the community to environmental issues and proactive solutions currently being implemented in the Niagara River watershed. Utilizing a diverse class structure, students will experience service learning projects, exploration field trips and hands-on workshops. Class sessions will include an interactive snowshoe hike along the Scajaquada Creek, a focus on bioremediation and brownfield clean-up efforts, and demonstration projects highlighting living infrastructure solutions such as rain barrels and rain gardens. Enrolled students should contact ECC to register. ECC credits are transferable within the SUNY system. Students pursuing careers in sustainable energy solutions, green technologies, biology, geography or environmental science are encouraged to register for the course. The course is also open to adults not currently enrolled in college. Water Academy will take place on Wednesday afternoons from **January 18th to May 10th, 2017**. Sessions will be held at the Buffalo Niagara Riverkeeper office (721 Main Street, Buffalo, NY 14203), the East Hill Foundation (17 Island Street, North Tonawanda, NY 14120), and various field locations. Tuition for noncollege credit students is \$150.00 for the full course. Need-based, partial tuition scholarships are available. All participants will receive a certificate upon graduation. Online registration is available at www.bnriverkeeper.org/wateracademy. For more information about the course, please contact Robbyn Drake at (716) 852-7483 extension 12 and rdrake@bnriverkeeper.org.

Final Guidance on Consideration of Greenhouse Gas Emissions and the Effects of Climate Change

Under NEPA, Federal agencies are required to consider and disclose the potential effects of their actions and decisions on the environment. In many cases, Federal actions have the potential to contribute to climate change by producing greenhouse gas emissions or alternatively, be affected by many of the impacts of a changing climate, such as rising sea levels, extreme weather, drought and wildfires. A final guidance provides a level of predictability and certainty by outlining how Federal agencies can describe these impacts by quantifying greenhouse gas emissions when conducting NEPA reviews. This increased predictability and certainty will allow decision makers and the public to more fully understand the potential climate impacts of all proposed Federal actions, and in turn, assist agencies in comparing alternatives and considering measures to mitigate the impacts of climate change. <https://www.whitehouse.gov/the-press-office/2016/08/02/fact-sheet>

Green Infrastructure and Climate Change

EPA released “[Green Infrastructure and Climate Change: Collaborating to Improve Community Resiliency](#)”. As different parts of the country become drier, wetter or hotter, community leaders and citizens are looking to green infrastructure to improve their community’s resiliency to the effects of climate change. In 2015, EPA convened charrettes, or intensive planning sessions, in four cities to demonstrate how this type of planning could be applied to communities dealing with a range of challenges. Each city’s charrette focused on different issues based on the most pressing climate change impacts they were facing and their current level of green infrastructure implementation. This publication summarizes those issues and the recommendations developed by each charrette.

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/>

We Are NY Video Series

To celebrate the 50th anniversary of the National Historic Preservation Act on 1966, the New York State Office of Parks, Recreation and Historic Preservation created a series of short videos featuring personal stories about historic places, including [Elmwood Village in Buffalo](#), [Rock Island Lighthouse State Park in the Thousand Islands region](#) and the [Underground Railroad History Project in Albany](#). Each video captures the strong emotional connections that New Yorkers have to their hometowns and heritage.

Food not Bombs

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

Hemlock Woolly Adelgid Educational Video

The New York State Hemlock Initiative is sharing an educational video to inform the public about their efforts to conserve New York State’s hemlock resources in the face of multiple threats, particularly that posed by an invasive pest, the Hemlock Woolly Adelgid. Mortality due to Hemlock Woolly Adelgid (HWA) in New York has increased at an alarming rate recently. For info, visit [here](#). View video at <https://www.youtube.com/watch?v=AupnMjYa10Q>

The Land Conservancy Purchases Owens Falls Sanctuary

Through the generosity of many donors, the Western New York Land Conservancy has now purchased The Owens Falls Sanctuary in the Town of Aurora. The Land Conservancy and the Friends of Jackson Falls raised more than \$700,000 over the last nine months to create this permanently protected nature sanctuary. The Land Conservancy will open the sanctuary’s walking trails to the public later next year. The highlights of the sanctuary include two magnificent waterfalls, a beautiful hemlock and beech forest which is home to migrating birds, breeding frogs and salamanders, and dense patches of stunning wildflowers. The property also includes wetlands and mature headwater forests which are vital to maintaining water quality in the Buffalo River and Niagara River watersheds. While the land is now protected, the sanctuary is not yet open to the public. The Land Conservancy asks that those anxious to visit to please wait until the trails are well-marked. For the time being, access to the property will be limited to those attending guided Land Conservancy hikes. To learn more about hikes at the sanctuary and other Land Conservancy work, contact them at (716) 687-1225 or info@wnylc.org.

Prescribed Burn is a success for the Land Conservancy

On November 7, the Western New York Land Conservancy conducted a prescribed burn at the Niagara Escarpment Preserve on Leete Road in Lockport. The preserve contains a beautiful 10-acre grassland—one of the most threatened natural communities in New York State. This grassland is very healthy, brimming with tall native grasses and giving wildlife a place to hide, eat, rest, and nest. One of the best ways to keep a grassland healthy is to burn it periodically. The Niagara Escarpment Preserve burn is the first prescribed burn to be done in Niagara County and was run by Applied Ecological Services (AES), a company that has been conducting safe and successful prescribed burns for over twenty years. AES developed a burn plan specifically for the Niagara Escarpment Preserve that was reviewed and approved by the New York State Department of Environmental Conservation Forestry Division before the burn is conducted. Following the prescribed burn, the grassland portion of the preserve will be reseeded with native wildflowers like asters, turtlehead, anemones, penstemon, lobelia, blue vervain, blazing star, and bee balm.

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. 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](#).

Clean Power for All

Green for All along with a diverse coalition of organizations has assembled a series of toolkits that provide leaders with solutions to ensure equity in the Clean Power Plan implementation. The result from this collaboration is the [Clean Power For All Policy Innovation Center](#). This plan includes best practices and concrete policy options to use in convincing your state to achieve critical goals, such as: harnessing allowance values to help rebuild frontline communities and accelerate clean energy opportunities for families; creating policies to increase access to high quality jobs in clean energy by job seekers from frontline communities; providing investments for workers and the economic redevelopment of communities affected by the transition away from fossil fuels. To view the first edition of the toolkits, visit thecleanpowerplan.com.

Clean Energy Communities in New York State

Clean Energy Communities is a \$16-million initiative to help local governments across the state reduce energy consumption and drive clean energy use in their communities. Local governments that complete four out of ten identified High Impact Actions will earn the Clean Energy Community designation and access to grant funding to implement additional clean energy projects. To learn more, visit <http://nyscrda.ny.gov/cec>.

Join the Recycling Pledge

Make the commitment to raise Buffalo's recycling rate from its current 26% to 34% (national average) or more. Interested in pledging? Please visit www.buffalorecycles.org for resources to help you recycle your materials. You may win the 34andMore T-Shirt too!

The U.S. Food Loss and Waste Challenge

Businesses, organizations and schools are invited to join the U.S. Food Waste Challenge. To enter, complete the appropriate form below with information about the activities/objectives your organization will undertake in the next year to reduce, recover, and recycle food waste in the United States. [Form for K-12 schools](#) Or [Form for all others](#) , or, join via participation in the [EPA Food Recovery Challenge](#) and benefit from EPA's technical assistance to set specific quantitative food-waste goals and attain them!

Join Youth Service America (YSA)

Does your organization work with and/or share a commitment to mentoring, engaging, or empowering young people? If so, we want YOU as a Community Partner! YSA's Community Partner Program is a coalition of organizations that share a vision of youth as leaders today and tomorrow. While some Community Partners may be an affiliate or chapter of a larger organization, like a local Girl Scout troop, most are medium to small organizations working directly with youth. We're looking for like-minded organizations that share a vision of youth as leaders to join YSA's Community Partner Program. Receive resources, tools, best practices, and networking opportunities to strengthen your organization's work and create quality programming opportunities for young people in your community. To learn more about the Community Partner Program and apply, visit www.YSA.org/CommunityPartner .

EPA Environmental Justice Strategic Plan for 2016-2020

The U.S. Environmental Protection Agency has released its Environmental Justice 2020 Action Agenda (EJ 2020) plan for 2016 to 2020. Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. EPA's goal is to provide an environment where all people enjoy the same degree of protection from environmental and health hazards and equal access to the decision-making process to maintain a healthy environment in which to live, learn, and work. EPA works with all stakeholders to collaboratively address environmental and public health issues and concerns. To read EJ 2020, visit <https://www.epa.gov/environmentaljustice/ej-2020-action-agenda>

New Solar Device Removes Carbon Dioxide from the Atmosphere

A new type of solar-powered technology [announced in the journal Science](#) absorbs carbon dioxide from the atmosphere and uses sunlight to break it into a mix of carbon monoxide and hydrogen called synthesis gas or "syngas," that can be used directly or turned into diesel or other liquid fuels. The team aims to produce fuel at about \$2 a gallon, a price that would be cost-competitive with gasoline.

\$3 Million Available to Municipalities for Zero-Emission Vehicles and Infrastructure

The Municipal ZEV rebate program will be administered by DEC through the [New York State Grants Gateway](#). Municipalities will be eligible for reimbursement of up to \$5,000 per vehicle for purchase or leasing of eligible clean vehicles, and up to \$250,000 per facility for installation of eligible Electric Vehicle Supply Equipment or hydrogen fuel cell infrastructure. DEC will accept applications for rebates on a first-come, first-served basis through March 31, 2017, or until the funds are exhausted. Applications will be evaluated according to the criteria outlined in the Request for Applications found in the Grants Gateway [Grant Opportunity Portal](#).

Solar City and Tesla Announce Solar Roofs

Elon Musk, Tesla CEO, announced that Buffalo's new Solar City facility will be producing materials for an integrated solar roof. Unlike a traditional roof-mounted solar panel array, which lays over an existing roof covering (like tiles or shingles), the integrated system has the photovoltaic cells embedded right into the roof covering. This product is ideal for homeowners that already need to upgrade their roofs or want a roof that looks more attractive.

Renewable Capacity Exceeds Coal Power

For the first time, the generating capacity of renewable energy systems around the world has surpassed coal power. Due to new installations of solar power and wind projects in 2015 (half a million solar panels were installed every day in 2015), significant gains were made in renewable energy projects. Of the newly added power projects around the globe, 153 gigawatts of renewables makes up more than half of the new capacity added in 2015, a 15% increase from 2014. Wind power accounts for 66GW of new renewable projects, with photovoltaics making up 49 GW. The remaining segment is comprised of other renewable energy sources, such as hydroelectric and geothermal power. Read more [here](#).

Oak Wilt Detected in Canandaigua

The New York State Department of Environmental Conservation (DEC) announced today that oak wilt, a tree fungus that causes disease in oak trees, has been detected in Canandaigua, Ontario County. This is the third location in New York State where oak wilt has been confirmed and the second location discovered in 2016. Oak wilt is a serious tree disease in the eastern United States, killing thousands of oaks each year in forests, woodlots, and home landscapes. Oak wilt is caused by the fungus, *Ceratocystis fagacearum*, which grows in the water-conducting vessels of host trees, preventing water transport. As water movement within the tree is slowed, the leaves wilt and drop off, and eventually the tree dies. DEC asks the public to report any occurrences where an oak tree died over a short period of time, especially if it occurred between July and August, to the Forest Health Information Line toll-free at 1-866-640-0652. For more information about [oak wilt](#), please visit DEC's website.

New Farm Worker Protection Standard

The federal Environmental Program Agency (EPA) issued a new Worker Protection Standard (WPS) rule, which affects farms on which pesticides are used in the production of agricultural crops. A majority of the rule revisions will go into effect on January 2, 2017. Detailed information about these changes can be found on the EPA website at <https://www.epa.gov/pesticide-worker-safety/revisions-worker-protection-standard>.

Guide Helps Incorporate Biodiversity Practices on the Farm

The Wild Farm Alliance has released [Biodiversity Conservation: An Organic Farmer's and Certifier's Guide](#). The Guide clarifies the National Organic Program's (NOP) new Natural Resources and Biodiversity Conservation Guidance (released January 2016). The Guide also will increase organic farmers' and certifiers' understanding of the myriad of benefits provided by biodiversity conservation.

New Pesticide Product Registration Database

The NYSDEC Bureau of Pest Management is pleased to announce that the new pesticide product registration database is now "live". The web address is <http://www.dec.ny.gov/nyspad/>. When visiting the webpage, please select the Products icon on the right side of the page to perform product searches. This pesticide search database is replacing the Product, Ingredient, and Manufacturer System (PIMS) product database that has been hosted by Cornell University since its inception. The new search database includes many added features, including site and pest searches. Additionally, updates to the product data and labeling will be reflected instantaneously. Previously, product registration data was updated approximately every two weeks.

New Shoe from Artificial Spider Silk

Adidas has used biomimicry to design a new shoe from artificial spider silk. The Futurecraft Biofabric, features an upper made from "Biosteel", a 100 percent biodegradable filament derived from the same proteins that spiders use to make their webs. The fibers are about 15 percent lighter than conventional synthetic materials while being stronger and more breathable. For more: <https://www.wired.com/2016/11/compost-adidas-spider-silk-shoe/>.

Cornell Small Farms Program Offers Online Courses

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

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](#).

Environmental Working Groups Guide to Healthy Cleaning

Environmental Working Group's Guide to Healthy Cleaning now provides detailed information on more than 2,500 products, letting you easily find out about the health hazards and ecological concerns associated with the thousands of chemicals in cleaners. Check it out at [EWG's Guide to Healthy Cleaning](#). You can also download their app.

Fastest Electric Car

The NIO EP9 is the latest offering from Chinese electric car maker NextEV. This all-electric car has a top speed of 194 miles per hour and can travel 265 miles on a single charge. The EP9 can allegedly accelerate from zero to 124 MPH in 7.1 seconds, so no shortage of power in this car. They aren't on the market yet, so you have time to save up.

Become a Watershed Sleuth

EPA and the National Environmental Education Foundation announced a new resource for students to learn how to help solve water quality problems— by becoming a Watershed Sleuth! Students and citizen scientists can try to build their own aquifers and take an online interactive quiz to find local water wasters. Children, families, K-12 school groups, and others can earn a different digital badge for each lesson they complete and show off their watershed knowledge. [Start the challenge today](#). (<https://www.neefusa.org/watershed-sleuth>)

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.

Conservation Game: Save the Condor

The United States Fish and Wildlife Service has teamed up with the Santa Barbara Zoo to create a mobile game. Based on real-life conservation practices used to rescue the California condor from extinction, the game lets players experience what it's like to save an endangered species. The newly released game, [Condor Country](#), simulates what zookeepers and field biologists do to help save North America's largest bird. Players will have eggs to hatch, chicks to release into the wild, and a flock of condors to monitor for real-life health threats, including lead poisoning.

Biomimicry Curriculum for High School

The Biomimicry Institute has teamed up with EcoRise Youth Innovations on a brand-new biomimicry curriculum for high school students. With four modules, Biomimicry and Science: Applying Nature's Strategies reinforces core content in science using examples from nature and bio-inspired design as a framework. The entire curriculum will be available for purchase soon, but a free module is now being offered to support teachers working with students who are entering the Institute's Biomimicry Global Design Challenge or pursuing a similar long-term biomimicry project. Access it [here](#).

Teacher's Resources

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

[NEEF Podcasts](#)-National Environmental Education Foundation has launched its inaugural podcast which looks to connect people to environmental knowledge and talking with educators in the field to learn what benefits they have seen in their EE activities.

[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.

[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.

[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.

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

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

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

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

[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.

[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.

[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](#).

[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

[Buffalo Zoo Photo Contest](#)-Take your best shot at the Buffalo Zoo and enter to win! This year's photo contest has four categories: Mammal, Reptile/Amphibian/Fish, Bird/Insect, People At The Zoo & Youth (16 years old or younger). First second and third prizes will be awarded in each category. For more information please call (716) 995-6131. Entry deadline is **December 31, 2016**.

[2017 R & D NYSP2I Student Competition](#)-Student teams may select from one of the following sustainability topics: Water Quality and Conservation, Food Waste Source Reduction or Air Quality Monitoring and Improvement. The competition registration closes **December 9**.

[Presidential Innovation Award for Environmental Educators](#) recognizes outstanding K-12 teachers who use innovative approaches to environmental education and use the environment as a context for learning. Award winners receive up to \$2,500 to continue their professional development in environmental education. Additionally, the teacher's local education agency will receive up to \$2,500 to fund environmental educational activities and programs. Deadline: **March 1, 2017**.

[President's Environmental Youth Award](#) (PEYA) recognizes K-12 students and their efforts to protect the environment. The award promotes awareness of our nation's natural resources and encourages positive community involvement. Deadline: **March 1, 2017**.

[Sustainability Challenge Scholarship](#)- Applicant(s) are required to submit a proposal that presents an innovative sustainability initiative for the management of solid waste. The proposal should contain a description of the initiative, a feasibility analysis, an implementation plan for integrating the initiative into their community (college, dorm, town, county, etc.), and applicable references to support the information presented in the proposal. Deadline: **April 1, 2017**.

Grant and Scholarship Opportunities

Open Buffalo Innovation Lab Public Research Fellowship-The fellowship will be open to faculty members, adjuncts, and post-docs at Western New York universities and colleges, as well as Cornell University. The fellowship will last one year and includes a \$5000 stipend. Application should include a proposal which includes your CV and a description of your project in 500 words or less. Be sure to address how your work will make an impact in advancing the issue campaigns and/or civic capacity goals of Open Buffalo. Send to Sam Magavern, PPG co-director, sam@ppgbuffalo.org, by **December 1, 2016**.

[Clean Energy Incubators](#) seeks proposals to catalyze continued development and growth of a vibrant, self-sustaining clean energy innovation ecosystem in New York State through the support of clean energy business incubators. Up to \$10,000,000 of NYSERDA funding is available. Deadline: **December 1, 2016.**

[NYS Park and Trail Partnership Program](#) is a \$500,000 capacity-building matching grants program funded through the NYS Environmental Protection Fund. The program is designed to: enhance the preservation, stewardship, interpretation, maintenance and promotion of New York State parks, trails and state historic sites; increase the sustainability, effectiveness, productivity, and volunteer and fundraising capabilities of not-for-profit groups that promote, maintain, and support New York State parks, trails and state historic sites; and promote tourism and economic development benefits of outdoor recreation through the growth and expansion of a connected statewide network of parks, trails and greenways. Deadline: **December 2, 2016.**

[Farm to School Grant Program](#)-USDA anticipates awarding approximately \$5 million in grant funding to support efforts that improve access to local foods in schools. Applicants may apply for a Planning grant, Implementation grant, Support Service grant, or Training grant. For all four types of grants, the Federal share of a project cannot exceed 75% of the total cost of the project. Deadline: **December 8, 2016.**

[Beginning Farmer and Rancher Development Program \(BFRDP\)](#) funds Standard Projects: to new and established local and regional training, education, outreach and technical assistance initiatives; Educational Enhancement Projects: to help develop seamless beginning farmer and rancher education programs by conducting evaluation, coordination, and enhancement activities for Standard Projects and other non-funded beginning farmer programs; and Curriculum and training clearinghouse: to make educational curricula and training materials available to beginning farmers and ranchers and organizations who serve them. Deadline: **December 8, 2016.**

[New York Climate Resilient Farming Grant Program](#)-New York has \$2.5 million available through round two of the Climate Resilient Farming grant program to help farms reduce their operational impact on the environment and better prepare for, and recover after, severe weather events. The State's county Soil and Water Conservation Districts apply for the competitive grants on behalf of farmers. Applications must be for one of the following project categories: agricultural waste storage cover and flare systems; water management systems; and soil health systems. Deadline: **December 12, 2016.**

[2017 Youth Garden Grant](#) is an award designed to support school and youth educational garden projects that enhance the quality of life for students and their communities. Any nonprofit, school, or youth program planning a new garden program or expanding an established one that serves at least 15 youth between the ages of 3 and 18 is eligible to apply. Packages are valued at \$750 or \$500. **Deadline: December 15.**

[Puffin Foundation Grants for Socially Conscious Art Projects](#) provide valuable support to an afterschool program seeking to inform the local community about an important issue through the arts. Average grants range from \$550 - \$2,500. **Deadline: December 16.**

[Scholarship for garden communicators available](#) for college or technical school students who are interested in pursuing a career in garden writing, photography or blogging. The scholarships are awarded by the GWA Foundation. Deadline: **December 20.**

[Celebrate Urban Birds Citizen Science Mini-Grants](#)- We invite organizations, educators, and youth to apply for mini-grants to help fund creative neighborhood events. Proposals should integrate the arts, greening, and Celebrate Urban Birds citizen science with a 10-minute data collection activity. All mini-grant applicants are offered free materials and training to support their events (even if their proposals are not funded). **Organizations working with underserved communities are strongly encouraged to apply.** No experience with birding needed. Mini-grants range from \$100 to \$750. Deadline: **December 31, 2016.**

[Smart Cities Council Readiness Challenge Grant](#) -Five American cities will receive a grant in 2017 to inspire innovation, inclusion, and investment in their city. The grant, which will help cities apply smart technologies to accelerate the development of smart cities in the United States. Winning cities will receive a tailored one-day readiness workshop, where Smart Cities Council experts, members, and advisors will help build or enhance a smart city roadmap. Deadline: **December 31, 2016.**

[Annie's Sustainable Agriculture Scholarships](#)-Annie's scholarship program assists undergraduate and graduate students pursuing studies in sustainable and organic agriculture. This year, 15 winners will each be eligible to receive \$10,000. The program is open to full-time undergraduate and graduate students studying at an accredited two- or four-year college or graduate school in the United States for the 2017/2018 school year. Students must be focusing studies on sustainable agriculture. Deadline: **January 6, 2017**.

[Conservation Innovation Grants](#)-USDA is seeking new proposals for cutting-edge projects that will provide new conservation opportunities through its competitive Conservation Innovation Grants (CIG) program. Through USDA's Natural Resources Conservation Service (NRCS), the department will invest up to \$25 million for projects that spark the development and adoption of innovative conservation technologies and approaches in areas like conservation finance, data analytics, and precision conservation to benefit producers on private agricultural and forest lands. In 2017, program focus areas will include innovative approaches that benefit historically underserved and veteran farmers and ranchers, beginning farmers and ranchers, and those with limited resources. There is also a focus on demonstration, evaluation, and quantification of the effects of water management and soil health practices to minimize off-site impacts of natural resource challenges, such as excess sediment and nutrient runoff, and an emphasis on pay-for-success models that stimulate conservation adoption and achievement of measurable outcomes. Deadline: **January 9, 2017**.

[NOAA/OAR/Ocean Acidification Program \(OAP\)](#) is soliciting proposals for collaborative projects of up to 2 years in duration that synthesize ocean acidification information at a regional scale (e.g. Large Marine Ecosystem, large estuary or collection of small estuaries, and state or collection of states in US waters) to determine where societal vulnerabilities to ocean acidification exist or are emerging, in order to provide actionable information for marine resource decision makers. Deadline: **January 13, 2017**.

[Great Lakes Restoration Initiative Grants](#) will provide funding for projects in the following categories: Great Lakes Taxonomy and Barcodes to Support Early Detection Monitoring, Invasive Species Control, Foundations for Invasive Species Collaborations, Phosphorus Risk Reduction Pilots in Western Lake Erie Agricultural Watersheds, Agricultural Watershed Management Implementation, Urban Watershed Management Implementation and Agricultural Incentive Program Effectiveness. Deadline: **January 13, 2017**.

[Herb Society of America Research Grants](#) of \$5,000 for research of the horticultural, scientific, and/or social use of herbs throughout history. Research must define herb as historically useful for flavoring, medicine, ornament, economic, industrial, or cosmetic purposes. Eligible applicants may be students, professionals, or individuals. Deadline: **January 31, 2017**.

[EPA Environmental Justice Small Grants Program](#) provides financial assistance to community-based organizations, and local and tribal governments working on projects to address environmental and public health concerns. EPA awards grants that support activities designed to empower and educate affected communities and to identify ways to address environmental and public health concerns at the local level. Approximately 40 one-year projects will be awarded at up to \$30,000 each nationwide. All applicants are required to register and prequalify in the Grants Gateway before applying for a Community Impact Grant. **Deadline: January 31**.

[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.

[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**.

[N. G. Kaul Memorial Scholarship](#) will be offering up to \$5000 in scholarships to students pursuing graduate or doctoral degrees in environmental/civil engineering or environmental science concentrating on water quality who show a commitment to government service. Deadline is **February 28, 2017**.

[\\$10,000 \(Major\) Environmental Career Scholarship Application](#)-for high school senior, NYS resident who is enrolled full-time in a B.S. or B.E. degree program with environmental emphasis. Deadline: **February 28, 2017**.

[\\$5,000 \(Major\) Nicholas J. Bartilucci Environmental Scholarship](#)- for qualifying high school senior, NYS resident who is enrolled full-time in a B.S. or B.E. degree program with emphasis on public service. Deadline is **February 28, 2017**.

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

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

[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**.

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

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

[Everyday Young Hero Award](#)-Everyday Young Heroes are young people, ages 5-25, who are improving their communities through service to others and making significant progress in achieving the UN's Sustainable Development Goals (SDGs). Each week, YSA selects one young person to receive this honor and receive \$250 grants to continue and expand their project. **Deadline: Rolling**

[The Fruit Tree Planting Foundation](#) is dedicated to planting fruitful trees and plants to alleviate world hunger, combat global warming, strengthen communities, and improve the surrounding air, soil, and water. FTPF programs strategically donate orchards where the harvest will best serve communities for generations. **Deadline: Rolling**.

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

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

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

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

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

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

[World We Want Foundation](#) is accepting applications from organizations that represent youth making positive social change in their communities and around the world. Grants of up to \$5,000 will be awarded to youth between the ages of 13 and 25 who want to make a difference 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.

[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

[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.

[Buffalo First Paid Intern](#)-Buffalo First is looking for a 10 hour a week, paid intern to help market the organization by getting locally-owned businesses to sign up as members and take advantage of a newly created sustainable business guide and other associated benefits.

[Clean Air Coalition Internships](#)-The Clean Air Coalition is a grassroots environmental health and justice organization based in Buffalo, New York. It works to build power by developing grassroots leaders who run and win campaigns that advance environmental justice and public health in the region. All internships include some operations and administrative work. The Clean Air Coalition's internships are ideal for highly motivated individuals looking to deepen and practice their skills engaging community leaders in solving environmental health and justice organizations.

[Buffalo Niagara Riverkeeper Spring Internships](#)-Do you believe in our mission and want to apply your skills while gaining valuable experience? Applications for Spring 2017 Internship positions due by **January 2, 2017**.

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

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.

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

Upcoming Community Activities:

Thursday, December 1

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

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

Green Development Zone (GDZ) Leadership Lab Workshops-6pm-8pm at the community room at 460 Massachusetts Ave in Buffalo. GDZ is PUSH Buffalo's effort to grow a new community economy in a 25-square block area in Buffalo. We're using popular education to build grassroots leaders. This set of workshops will work with community members to explore how our community is working towards sustainability by showing and growing our resiliency and building the resistance to extractive systems.

Seed Sorting Party-4:30pm at 279 Northampton St. The majority of the seeds were collected from the school-garden or gardeners I work with. These seeds will be used for: replanting, giving away, or for special projects. We will: label already packaged seeds with stickers, break up large bags of seed into smaller envelopes and store them all into totes and MAYBE prepare some seeds for "seed bombs" or valentines. <https://www.facebook.com/events/1211664442224531/>

Friday, December 2

Lead Poisoning Presentation-10am to 12pm, Market Arcade Building, 617 Main Street, Buffalo First Floor Conference Room. Join Partnership for the Public Good co-director Sam Magavern and a team of 12 University at Buffalo law students for a free workshop on potential policy changes at the local, state, and federal level to reduce lead poisoning in western New York. Free and open to the public, but seating is limited, so please RSVP to sam@ppgbuffalo.org to reserve a seat.

Exhibit Closing and Celebration- ¡Buen Vivir! Gallery for Contemporary Art and Global Justice Ecology Project are joining together for a holiday party and exhibit closing reception from 6-9 p.m at 148 Elmwood Avenue. [Here is our Facebook event page for more info.](#)

Saturday, December 3

Ghost of the Harbor-10am to noon at [Buffalo Harbor State Park](#). A winter invasion of haunting Snowy Owls is expected at Buffalo Harbor State Park. Snowy Owls are active during the day and this will be a good chance to see them on a waterfront hike to discover why they made the long journey from the arctic. *Call (716) 549-1050 to register for program.*

Holiday Crafts-1 to 4pm at [DeVeaux Woods State Park](#). Take a break and come join us for a fun-filled and relaxing afternoon of holiday crafts! We will have a variety of simple crafts for you to make. *Call (716) 282-5154 to register for program.*

Breakfast with Santa- 9:00 am – 12 noon. Come visit with the jolly old soul as you enjoy a homemade French Toast breakfast at Beaver Meadow Audubon Center. Activities include holiday themed crafts, along with storytelling, face painting and live animals. Admission includes Breakfast \$7.00 Adults \$5.00 Children Ages 4-12 3 and under Free.

Gift Tags and Ornament- 1pm – 3pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center. Your gifts will stand out with these natural creations! Using materials collected in nature, each participant will leave with 10 gift tags and an ornament designed exclusively by them. Unleash your creativity – sure to be Pinterest worthy! Pre-registration is required. Please call 585-457-3228 to register. \$10 All Ages.

Wild Bird Care for Winter-10:00am to 1:00pm at Grand Island Nike Base Community Center - 3278 Whitehaven Road. An environmental community gathering to include our presentation that shares some easy steps and projects individuals can make that birds will appreciate, increasing opportunities for bird watching and providing a deeper understanding of bird behaviors. Presented in collaboration with the Citizens Coalition for Wildlife and Environment.

Advanced Geocaching-10am. Search for geocaches hidden in the woods using GPS units on this guided walk. For adults and children ages 8+. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Woods Walk: History Hike-11am. Enjoy an easy walk and explore how nature has adapted to short days while discovering local history. No registration required.

Friends of Reinstein Woods Holiday Party- 1 to 4pm. Visit with live animals from Earth Spirit and see Santa at Friends of Reinstein Woods' annual holiday party for members. New members are welcome! Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Gift Tags and Ornaments-1pm – 3pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, ([map](#)). Your gifts will stand out with these natural creations! Using materials collected in nature, each participant will leave with 10 gift tags and an ornament designed exclusively by them. Unleash your creativity! Pre-registration required. Call 585-457-3228 to register. \$10 All Ages

6th Annual Tree-lighting at MLK Jr. Park-This event has become a neighborhood tradition presented by Assemblywoman Crystal Peoples-Stokes. This year, several block clubs are expanding the event. Special thanks to National Grid for grant support. Venue: MLK Jr. Park, Fillmore Avenue and Best Street. Start time: 3:00 p.m. (tree-lighting at 4:30 p.m.)

City of Buffalo E-Waste Saturday Drop off - 8:AM - 3:PM at 1120 Seneca Street, Buffalo, NY 14210.

RTPI Open House-10am to 4pm. Visitors to RTPI's annual Holiday Open House will enjoy free admission into our current exhibits, refreshments and entry into a drawing for a Roger Tory Peterson print. This event is part of Swedish Christmas Market Day in Jamestown - Julmarknad, organized by the Scandinavian Studies Program at Jamestown Community College. For more info visit www.rtpi.org.

The Jingle Roll-2:30 pm - 5:30 pm. Slow Roll Buffalo & Jes Roll present the Jingle Roll, part of the inaugural Christmas in Wonderland at MLK Park! This 7-mile, self-supported free bike ride will start at 3pm sharp from the MLK head statue at Fillmore & Best, returning in time for the annual tree lighting in the park. Adding to the tree lighting this year is a collaboration between the Jes Breathe Block Club, Fillmore Forward, Inc including food and hot drinks, live music, caroling, a silent auction of decorated Christmas trees, ugly sweater contest, and distribution of donated winter clothing.

Sunday, December 4

Natural Ornaments at Makers Buffalo-1pm – 3pm at Modern Nostalgia, 1382 Hertel Ave, Buffalo, NY 14216, ([map](#)). Join us in using natural materials to create one of a kind keepsake ornaments to hang on the tree or give as a gift! All supplies will be provided. Pre-registration is required. Register at www.makersbuffalo.com. Makers Buffalo is located at 1382 Hertel Ave. in Buffalo \$10.

Buffalo Area Daylily Society - 2 p.m., at the Aurora Senior Center, 101 King St., East Aurora.

<http://buffaloareadaylilysociety.com/> The guest speaker will be Melanie Mason of Longlesson Farm, home of North Country Daylilies. Carol Haj of Lasting Dreams Daylilies will present the Beginners Corner with a talk on "Bud Count and Branching— What Do We Mean?" There will be a short business meeting. This will be the holiday meeting and cookie exchange. Each person is invited to bring a plate of holiday cookies for sharing and an empty plate for taking an assortment home to enjoy later. There will also be door prizes.

Community Bike Workshop: Women and Trans Open Shop-6 to 7pm. Join us at our community workshop for our class Women and Trans Open Shop: We invite all women, trans, and gender non binary identifying individuals to the shop for a night of bicycle maintenance and repair. Staff and volunteers will be on hand to answer any questions, share skills, and discuss the awesomeness of all things bike related. Please RSVP to Stacy at stacy@gobikebuffalo.org at least 2 days ahead of time. A \$10 donation is suggested for the class.

Family Hike: Ellicott Creek Park-Come out and join us for a morning hike from 9:00 am until approximately 11:00 am. Dress for the weather! Cost is \$10.00 for a family and will include your guided trip and snacks. Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors.

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

Monday, December 5

Toward a Sustainable Buffalo: Public Lecture Series – Buffalo State Graduate School in collaboration with Open Buffalo and the Institute for Community Health Promotions will host "Taking Action on Economic, Environmental, and Climate Sustainability," from 6-8pm (2nd part on Monday, December 5). The series will feature community experts who will provide information about sustainability issues in our area. The series is designed to provide an interdisciplinary forum for discussing how to make progress in addressing these issues. [Online registration](#) is not required but is strongly encouraged; refreshments will be provided. Both sessions will be held from 6:00 to 8:00 p.m. in Butler Library 210 and are open to all. This session focuses on economic justice.

Tuesday, December 6

Little Tykes Mini Nature Camp-9:30am - 11:30am. Enjoy a morning of fun and exploration at Tiffit Nature Preserve! Nature story-time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided! Pre-registration required for ages 3-5. \$8 per child with adult, \$4 additional child with same adult. BMS Members save 10%.

<https://13520.blackbaudhosting.com/13520/Little-Tykes-Mini-Nature-Camp-06Dec2016>

Air quality in Tonawanda-6pm. The New York State Department of Environmental Conservation will be having a community presentation on the latest DEC air monitoring data. The DEC will be presenting information on the ongoing air monitoring efforts, interpretations of the data, and its implications. The event is free and open to the public. Residents will have time for questions and answers. You can find the event on Facebook here: [DEC Air Quality Update](#). River Road Fire Company, 39 Kaufman Ave, Tonawanda, NY. For more information you can call Brian at the Clean Air Office [716-852-3813](tel:716-852-3813).

2016 C-SAAHN 'IMAGINE' Lecture Series- Noon to 1pm@ Downtown Buffalo & Erie County Public Library. <http://buffaloah.com/h/center/lib/16lec.html> for details and speaker confirmation.

Wednesday, December 7

GBNRTC-PCC Meeting-9:30AM at NYSDOT, 100 Seneca Street Buffalo. Public invited to discuss transportation issues. Monthly meeting locations rotate, so you can confirm at 856-2026.

Buffalo Talks: Gates Circle Redevelopment Project –Noon to 1pm at Central Library. Christian Campos, President of TM Montante Development will present the development plans for the Gates Circle Redevelopment Project and explain how the former Millard Fillmore Gates Hospital site is being transformed into a vibrant, mixed-use urban district. Gates Circle is a key connection point in the City of Buffalo, part of the historic Delaware Park-Front Park system designed by Frederick Law Olmsted. Free and open to the public.

How to Pitch to Investors- 12 to 1:30pm, LEARN at the Innovation Center, 640 Ellicott Street, Buffalo, NY 14203. Presented by Jack McGowan, WNY Venture Association. Great startups don't fund themselves. Raising money from investors for your startup is challenging at any stage and requires a great pitch, even for experienced founders. In this session, learn the fundamentals of a good investor pitch and best practices in how to attract more investor interest in your company. As a respected leader of the WNY Venture Association and Buffalo Angels, Jack will share his insights on how to clear away the clutter and focus on delivering a concise and impactful value proposition to prospective investors. [register](#)

Webinar on climate change and public health-10:30 am - 12:00 pm. A Climate Smart Communities webinar on "Climate Change and Public Health – What Can Municipalities Do?" Climate change has increased the frequency of extreme weather events. Extreme weather such as heat waves and severe flooding have serious impacts on public health. Speakers from the Department of Health will describe the prognosis for New York State and their research on heat vulnerability and cooling centers. Speakers will provide examples of what municipalities can do to help protect their communities from the health impacts of climate change. Please provide the Office of Climate Change with your name and community affiliation at climatechange@dec.ny.gov or 518-402-8448. In the event that they cancel or postpone this webinar, respondents will be notified. [link](#), Enter the meeting password: NYSDEC1.

Thursday, December 8

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

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

Emerald Ash Borer Task Force Meeting- 9:00am - 11:00am at Erie County Fire Training Academy, Room 112, 3359 Broadway, Cheektowaga, NY 14227. All are welcome.

Hemlock Woolly Adelgid (HWA) Training- Roger Tory Peterson Institute (RTPI), in partnership with Jamestown Community College and Chautauqua Watershed Conservancy, is currently planning training and subsequent surveys throughout the Southern Tier this winter. 6pm for a HWA Citizen Scientist Survey Training. More information on this and planned surveys can be found at www.rtpi.org.

Green Development Zone (GDZ) Leadership Lab Workshops-6pm-8pm at the community room at 460 Massachusetts Ave in Buffalo. The Green Development Zone (or GDZ) is PUSH Buffalo's effort to grow a new community economy in a 25-square block area in the city of Buffalo NY. The GDZ Leadership Lab is an approach, a set of tools and a strategy. We're using popular education to build grassroots leaders. This set of workshops will work with community members to explore how our community is working towards sustainability by showing and growing our resiliency and building the resistance to extractive systems.

Friday, December 9

Toolfest-5:30 to 8pm at 298 Northampton St., Buffalo. Help us stock our makerspace with tools. RSVP by November 30 at www.thefoundrybuffalo.org/toolfest \$10 entry or free entry with tool (drink ticket for power tools).

Saturday, December 10

Yellowstone Park: Land of Great Predators -6:30-8:00pm at Clearfield Library (770 Hopkins Rd. Williamsville, NY). Experience the Earth Spirit 2016 Summer Wildlife Ecology Expedition to Yellowstone Park through beautiful pictures and memorable stories. And, prepare for the 2017 Expedition! Fees: Members: Free | Non-Members: \$5 <http://earthspiritedu.org/events.html>

Coping with Cold-10:30am. Discover how animals prepare for the cold months ahead on this guided walk in the woods. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Niagara River Birding at Unity Island-Join Buffalo Audubon 10am – 12pm at Unity Island, Buffalo, NY, USA ([map](#)). Join Buffalo Audubon Naturalist Tom Kerr for a morning birding walk on Buffalo's Unity Island. The end of the Black Rock Canal is one of Buffalo's best winter birding hot-spots, with large flocks of Gulls and Waterfowl taking advantage of the open water in the Niagara River. Pre-registration is required. Please call 585-457-3228 to register. Donations gratefully accepted.

Make and Take Rustic Wooden Box-2pm – 5pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA ([map](#)). Join volunteer Roy Maguire and learn the tools of the trade to make a decorative tabletop wooden box. Learn about the tools through a hands-on demonstration, then assemble your own box to take home. Makes a wonderful centerpiece! All materials provided. Space is limited and pre-registration is required by December 1st. Please call 585-457-3228 to register. \$10 Adults.

Winter Birds Workshop-2:00pm - 03:30pm. Get to know your backyard winter birds, by learning simple tips for attracting, photographing, and identifying WNY's feathered residents. Examine real mounted species, learn their calls, and gain experience using field guides and binoculars. Rain, snow, or shine. Pre-registration required. Ages 18+, \$5, BMS members save 10%. [register](#)

Holiday Nature Crafts for Kids Program- Start Time: 10:30 am Program length: 1 1/2 hrs.

Hey kids! Do you need a gift for someone special? Enjoy a fun time at Pfeiffer Nature Center's "Make 'n' Take A Nature Gift"! Create a gift of a bird feeder that you will make using peanut butter, bird seed and pine cones or a beautiful Christmas tree ornament. All ages will enjoy creating these gifts with the wonders of nature! This program is in conjunction with the Portville Library's holiday celebration. Santa Claus will be visiting and there will be lots of other library craft activities going on too! Location: Portville Free Library 1 N. Main Street, Portville. This activity is free and open to the public. Donations are gratefully accepted. Pre-registration is not required. Minors must be accompanied by an adult. For more information contact Pfeiffer Nature Center Administration Office 716-933-0187. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center where science, art & nature come together.

Sunday, December 11

Community Bike Class: Basic Wheel Maintenance- 6:00 PM - 7:00 PM. Join us at our community workshop for our Basic Wheel Maintenance class. We will cover hub overhauling and adjustment, and how to fix a broken spoke. Practice wheels will be available to work on but participants may also bring their own wheels. Please RSVP to Stacu Sauvageau at Stacy@gobikebuffalo.org at least 2 days prior to class. A \$10 donation is suggested for the class.

Monday, December 12

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

Sierra Club Energy Committee Meeting- 6:00 pm – 7:30 pm at UU Church 695 Elmwood Ave. 2nd floor, Use side garden entrance. All are welcome to join us as we work for renewable energy solutions to climate change.

GBNRTC Policy Committee Meeting -9:30-11:30am at The Conference & Event Center Niagara Falls, NY ([map](#)), 101 Old Falls Street.

Tuesday, December 13

"The Ecology of Lyme Disease"- Niagara Frontier Botanical Society meeting and talk by Charles Bartlett, Supervising Park Ranger of Erie County Parks. 7:30pm – 9:30pm at Harlem Road Community Center, 4225 Harlem Road, Amherst, NY, United States ([map](#)). Open to all.

Full Moon Walk-6:30pm. Take a walk in the woods at night as we observe nocturnal wildlife. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

2016 C-SAAHN 'IMAGINE' Lecture Series- Noon to 1pm@ Downtown Buffalo & Erie County Public Library. <http://buffaloah.com/h/center/lib/16lec.html> for details and speaker confirmation.

Municipal Solar Ordinances: Guidance and Considerations-10am to noon. Orchard Park Town Hall, Basement Meeting Room NYSEERDA's PV Trainers Network and Erie County invite all local public officials involved in approval processes of solar photovoltaic (PV) systems to attend this solar workshop on Municipal Solar Policy: Zoning for Solar. This workshop will cover topics related to solar development that are especially relevant to local governments with a focus on developing a local solar zoning ordinance. Local government officials who complete this course are eligible to receive complementary one-on-one technical support in designing and implementing smart solar policy in their local jurisdiction. [Register](#) Free.

Community Building Committee Meeting -5:00 PM - 7:00 PM. This is the place where you can help with planning PUSH events and community building activities. We'll be meeting at **271 Grant St** in Buffalo NY.

Forest Woodlot Invasive Species Management-A free workshop on managing private woodlots in light of invasions from non-native insects and plants as well as an introduction to the Master Forest Owner Volunteer Program resources available in Western New York will be presented from 10 a.m. to noon in the Visitor's Center at the Erie County Parks Bureau of Forestry, intersection of Genesee Rd. and Warner Gulf Rd., East Concord. The workshop is open to all interested private woodlot managers, targeting those who also manage agricultural lands and agency personnel that work with these land managers. The final portion of the workshop will be a 30-minute woods walk (weather permitting) with Erie County Forester Shane Daley, looking at some of the management considerations discussed on the Erie County Forest property. **Please register by Friday, Dec. 9.** [Register online](#) or call Emily Staychock with Cornell Cooperative Extension at 315-536-5123, ext. 4127 or ecs268@cornell.edu

African Violet & Gesneriad Society of WNY- 7 p.m. at the Greenfield Health & Rehab facility, 5949 Broadway, Lancaster. Contact judyoneil1945@gmail.com for detailed directions. The topic will be Sinningias. <http://www.gesneriadsociety.org/chapters/WNY/>

Wednesday, December 14

Holiday Cookie Exchange-1pm – 2pm at Beaver Meadow Audubon Center 1610 Welch Road, North Java, NY 14113 ([map](#)). Simplify your holiday baking by joining us for a cookie exchange at Beaver Meadow. Each person brings 2 dozen homemade cookies to swap with other bakers for the same amount of cookies. Leave with a lovely assorted platter. Pre-registration is required. Please call 585-457-3228 to register. Coffee and Tea will be served.

Buffalo Ornithological Society Meeting: Talk on the Niagara River and Outer Harbor- Buffalo Museum of Science 7PM in the Cummings Room of the Buffalo Museum of Science. Jay Burney, Chair of the Friends of Times Beach Nature Preserve, Executive Director of the Pollinator Conservation Association, founding partner of the Our Outer Harbor campaign, and habitat chair of the Western New York Environmental Alliance, will share stories and videos about Niagara River and Outer Harbor birds and other wildlife, ecology, and the efforts to ensure protection and conservation of critical regional assets, especially on Buffalo's Outer Harbor. We will also hold our Annual Holiday Celebration so please bring a treat to share and enjoy an evening of birding friendship. We will also elect officers for the year 2017.

Learn About Amphibian and Reptile Conservation-1:30pm – 3:00pm. Chautauqua Watershed Conservancy (CWC) and Roger Tory Peterson Institute (RTPI) will partner to host an opportunity to learn about amphibian and reptile conservation. This learning opportunity is free and open to the public. The program will last approximately an hour and a half. Light snacks will be provided for attendees. For more info, visit chautauquawatershed.org, e-mail jen@chautauquawatershed.org or call 664-2166.

Protecting Intellectual Property -12 to 1:30pm at LEARN at the Innovation Center, 640 Ellicott Street Buffalo, NY 14203. Presented by Jordan Walbesser, Hodgson Russ LLP. Protecting your intellectual property is crucial to the success of your business. What is your intellectual property and how should you protect it? Intellectual property consists of items that you have created that are unique and that provide you with an economic benefit. Intellectual property includes inventions, designs, original works of authorship and trade secrets. Learn how and when to patent, trademark, and copyright your original works, and how to leverage intellectual property for business success. [register](#)

2016 WNYEA Quarterly Meeting- 5:30 p.m. – 8:00 p.m. at Tewksbury Lodge, 249 Ohio Street, Buffalo, NY 14204. We welcome all Alliance members, and individuals associated with Alliance membership organizations, to join us for a lively discussion around the opportunity for a dynamic shared space that will incorporate environmental entrepreneurialism, innovation, social interaction, and recreation. Help us determine what our shared values and aspirations are as we move forward with this project. Afterwards, join the representatives from Erie County, Citizens Campaign for the Environment, the Alliance for the Great Lakes, and the members of the Western New York Environmental Alliance for a community discussion on the issue of plastic pollution like plastic bags in our communities and ecosystems. This discussion will feature a keynote presentation by Dr. Sherri Mason, renowned researcher on plastic pollution in the Great Lakes. Contact Nate Drag (ndrag@greatlakes.org) or Brian Smith (bsmith@citizenscampaign.org). [register](#)

Thursday, December 15

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

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

Beakers & Beer @ DIG- 5 to 7pm Innovation Center, 640 Ellicott Street. <http://www.bnmc.org/beakers/>

Friday, December 16

Milestones of Science: Books that Shook the World-Free & Open to the public - an exhibit featuring first edition rare books. An amazing rare collection- Milestones of Science: Books that Shook the World! features masterworks by the world's greatest thinkers, including Galileo, Copernicus, Newton, Ben Franklin, Darwin and da Vinci. Family friendly, fascinating, and interactive fun, the exhibition is filled with interesting connections between yesterday's science discoveries & today's world. Buffalo Central Library.

Saturday, December 17

Winter Wildlife Snowshoe Walk-10:30am. Look for signs of who is out and about in the winter woods and discover how animals survive the cold. Snowshoe rental \$5; \$2 for Friends of Reinstein Woods members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Woods Walk: Snowflakes Galore and More. 11am. Join a guided walk through the woods to search for snowflakes. No registration required.

Annual Bird Count- 8am – 12pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA ([map](#)). Join other birdwatchers from all over Western New York in the oldest running citizen science project in the world! Spend the morning counting birds in and around Beaver Meadow to help scientists understand changes in our local and worldwide bird populations. Call Beaver Meadow at 585-457-3228 or email Buffalo Audubon Naturalist Tom Kerr (tkerr.buffaloaudubon@gmail.com) to register today. Birders of all ages and experience levels.

Christmas Bird Count: Wilson-Lake Plains- Wilson, NY. Contact Garner Light (garnerlight@hotmail.com) if you are able to participate. We are always looking for new people, so please invite them to help out if you know someone who would like to participate!

Hot Chocolate Hike-6:00pm - 07:30pm. Stretch your legs with a wintry nighttime walk and warm-up afterwards with delicious hot chocolate, peppermint candies and music in the cabin. Preregistration required; ages 5+. \$6 non-members, BMS Members save 10%.

<https://13520.blackbaudhosting.com/13520/Hot-Chocolate-Hike-17Dec2016>

Sunday, December 18

Knox Farm Christmas Bird Count-11am to 1:30pm. [Knox Farm State Park](#). Audubon's Christmas bird count is the nation's longest-running citizen science bird project and has become a tradition for new and veteran birders. Join us at Knox Farm for our very own Christmas bird count and start your own birding tradition! *Call (716) 549-1050 to register for program*

Community Bike Class: Maintaining your Bike Through Fall and Winter- 6:00 PM - 7:00 PM. Join us at our community workshop for our Maintaining your Bike through the Fall & Winter class. Bikes ridden through rain, salt, snow, and sludge need a little extra attention. We will show you how to keep your ride running in tip top shape. We will also share tips for winter riding and choosing a winter bike. Please contact Stacy Sauvageau at Stacy@gobikebuffalo.org at least 2 days prior to class to RSVP. A \$10 donation is suggested for each class.

Family Hike: Royaltown State Park-Come out and join us for a morning hike from 9:00 am until approximately 11:00 am. Dress for the weather! Cost is \$10.00 for a family and will include your guided trip and snacks. Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors. www.pathspeakspaddles.com

Tuesday, December 20

2016 C-SAAHN 'IMAGINE' Lecture Series- Noon to 1pm@ Downtown Buffalo & Erie County Public Library. <http://buffaloah.com/h/center/lib/16lec.html> for details and speaker confirmation.

Wednesday, December 21

Senior Stroll-10:30am. Experience nature at your own pace, and enjoy a leisurely guided walk through the woods. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Solstice Celebration-6:30pm. Enjoy the first day of winter with an evening walk and discover more about the winter solstice. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Winter Solstice Twig Wreath-6:00pm – 7:30pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA ([map](#)). Celebrate the return of longer days with us and create a simple rustic starburst wreath as a symbol of the longest night of the year. A short night stroll will also take place. Pre-registration required. Please call 585-457-3228. \$5.

Soil Health Workshop -10am to 4pm in Elba, NY. Please register by **December 16th** by emailing wnysoilhealth@gmail.com. Cost is **\$15/person for pre-registration**. You may pay at the event, but please make sure to bring cash as we will not be accepting any other form of payment. Cost will be \$25 without pre-registration. Cost includes breakfast and catered lunch.

Thursday, December 22

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

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

Friday, December 23

Open Ice Skating at Canalside-weather permitting from 10am to 10pm. www.canalsidebuffalo.com

Saturday, December 24

Open Ice Skating at Canalside-weather permitting from 10am to 6pm. www.canalsidebuffalo.com

Sunday, December 25

Open Ice Skating at Canalside-weather permitting from 4pm to 8pm. www.canalsidebuffalo.com

Monday, December 26

Open Ice Skating at Canalside-weather permitting from 10am to 10pm. www.canalsidebuffalo.com

Tuesday, December 27

2016 C-SAAHN 'IMAGINE' Lecture Series- Noon to 1pm@ Downtown Buffalo & Erie County Public Library. <http://buffaloah.com/h/center/lib/16lec.html> for details and speaker confirmation.

Annual Old Growth Hike-10am – 12pm at Beaver Meadow Audubon Center 1610 Welch Road, North Java, NY 14113 ([map](#)). Enjoy a hike through some of the old woods at the preserve with Naturalist Mark Carra. Donations gratefully accepted.

Christmas Bird Count - Niagara Falls (ON/NY)- For details contact Compilers: Marcie Jacklin (Ontario: mjacklin@brocku.ca or 905-871-2577) or Willie D'Anna (NYS: dannapotter@roadrunner.com or 716-751-3637)

Wednesday, December 28

Frozen Forest Snowshoe Walk-10:30am. Explore the beauty of winter woods and learn how to identify local trees on this guided walk. Snowshoe rental \$5; \$2 for Friends of Reinstein Woods members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Family Track and Scat Walk-10:30am. Join us for a fun walk on the trails as we look for the tracks and scat of resident wildlife. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Christmas Bird Count: Oak Orchard- Contact Compiler: Celeste Morien (celeste.morien@gmail.com or 585-721-8202)

Frosty Fun- 2:00pm - 03:30pm. No matter what weather mother nature brings, we'll have frosty family fun at Tiff! Join us for an afternoon of hands-on activities celebrating the wintry season. Preregistration required, Ages 5+, \$5 non-members, BMS Members save 10%. [register](#)

Thursday, December 29

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

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

Nature Grandparents-10:00am – 11:30am at Beaver Meadow Audubon Center 1610 Welch Road, North Java, NY 14113 ([map](#)). If you love nature and want to encourage your grandchildren to do the same, then join us at Beaver Meadow for a short walk and New Year's craft! We will finish up with a delicious snack! Pre-registration is required. Please call 585-457-3228 to register. \$3 per child. Grandparents Free!

New Moon Night Ski!- 6:00 p.m. – 7:00 p.m. at Long Point State Park. Bright stars fill the skies on a guided cross-country ski tour through a snowy conifer canopy opening to magnificent views of Chautauqua Lake! *Call (716) 549-1050 to register for program.*

Friday, December 30

Winterbreak Wild Child-9:00am - 12:00pm. Drop off your wild child for a half day of hiking, crafts, games, and hands-on live animal encounters (and relaxation for you!) Bring warm outdoor apparel and a water bottle. Snack provided. Rain, snow, or shine. Pre-registration required. Ages 5-8. \$20; BMS members save 10%. [register](#)

Saturday, December 31

Christmas Bird Count: Hamburg-East Aurora-Contact Compiler: Tom O'Donnell
(tmodonnell@roadrunner.com or [716-284-5569](tel:716-284-5569))

Sunday, January 1

First Day Hike-10:00 AM - 02:00 PM at Allegany State Park, Red House Area. Reserve at (716) 354-9101 ext 236. This self-guided hike will take place in the Summit Area in the Red House side of the park. The off-trail hike, approximately 2 miles in length and easy to moderate in intensity, begins at the Summit Warming Hut, follows scenic ridge line to Stone Tower, then loops back to the Warming Hut. Interpretive points of interest can be found along the way. Come listen to birds, feel the warmth of the sun or the coldness of the snow. This 1st Day Hike will run from 10:00 a.m. to 2:00 p.m. Participants should begin the hike by stopping in the Summit Warming Hut to sign in and pick up a trail map. Be sure to dress in appropriate winter hiking apparel. Weather permitting, snowshoes and trekking poles are encouraged. After the hike, be sure to swing back in the warming hut for a New Year's Social with chili and warm beverages provided by the Friends of Allegany State Park.

First Day Hike- 11:00 AM - 12:30 PM at De Veaux Woods State Park in Niagara Falls. Hike through an old growth woods to the Niagara Gorge Rim Trail to see the Whirlpool and rapids. To register call (716) 282-5154. *Registration:* Required.

First Day Hike-10:00 AM - 12:00 PM at Evangola State Park. From beach to forest, through campground and nature center you will see everything this park offers at an annual event that connects people to their parks. In the event of snow we will outfit everyone with snowshoes for trail walking! To register call (716) 549-1050. *Registration:* Required.

First Day Hike-2:00 PM - 03:00 PM at Fort Niagara State Park. Enjoy a walk along the Niagara River, see the War of 1812 cemetery, and view the lighthouse, fort (closed 1-1-16), and the site where POWs were held in WWII. Visit the Officers Club museum displays. To register call (716) 282-5154.
Registration: Required

First Day Hike-11:00 AM - 01:00 PM at Knox Farm State Park. (716) 549-1050. Start your new year off right with an invigorating 2 mile hike through Knox Farm to visit the parks largest trees! Meet at visitors parking lot. Bring snowshoes, snow permitting. *Registration:* Required

First Day Hike-01:00 PM - 03:00 PM at Niagara Falls State Park. Join us for an afternoon stroll as we welcome the 1st day of the New Year at the falls! Stories will be told along the way in America's oldest state park! To register call (716) 282-5154. *Registration:* Required

Second Annual New Year's Day Hike for your Health - Program Start Time: 10 am Program Length: 1 hr. "In every walk with nature, one receives far more than he seeks."- John Muir. If you are looking to start the New Year off with a brain power boost, we have just the thing for you- hiking at Pfeiffer Nature Center! Hiking is a wonderful activity that is very easy to start as very little is needed in the way of equipment. Just bring along a pair of comfortable hiking shoes and we will provide the beautiful setting and companionship. The trek is not an interpretive hike so stops will not be made along the trails. The hike is free to the public and will take place rain or shine. The hike will be canceled if we are experiencing extreme weather conditions. This hike will take place at the Lillibridge Preserve 1974 Lillibridge Rd., Portville. Pre-registration is not required. For more information contact Pfeiffer Nature Center Administration Office 716-933-0187. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center- Where Science, Art & Nature Come Together.

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.

Tips for the Environment:

1. **Recycle your coffee grounds and beans**-while coffee grounds make a great addition to a compost pile, there are lots of other uses too. You can use them to make an under eye cream, face mask, scent a candle or even stain wood. Check out the ideas at <http://ecosalon.com/6-upcycling-projects-that-will-turn-your-coffee-waste-into-something-cool/>.
 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.
-

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

By Lesley Haynes

As the Christmas season approaches we often find ourselves caught up in the hustle and bustle of activities. It is important to be thoughtful about energy saving purchases. I have made most of these suggestions before but feel that they may be worth repeating.

Plan to purchase a living Christmas tree with roots attached. Later you can plant it in your yard or donate it to your local parks department. If it's a cut tree, recycle it. Shred the live tree and use the mulch in the garden around evergreen shrubs and trees.

If purchasing new holiday lights, consider seasonal light emitting diode, or LED, strings of lights. These can use up to 95 percent less energy than conventional bulbs, and they last seven times longer and this can lower power consumption. Timers and photo cells will also help reduce power usage by turning the lights on at dusk and turning them off at a desired time. Avoid leaving lights on all night. More strings of lights means more energy used - try reducing the number this season. Tinsel can be used to amplify lighting.

Be financially responsible: Overspending during the holidays will not only increase your stress now, but will leave you feeling anxious for months afterward as you struggle to pay the bills. Step back from the excessive gift-giving and practice simplicity, creativity and basic human kindness

Going green is the way to go when planning gifts. - When you give someone a "green gift" it means you went the extra distance for someone and for everyone - It means you have taken the time to consider the environment. It also means you have given a gift that shows something about you and you have created a ripple effect whose final result is too significant to calculate.

1. Make a gift from scratch. A personal effort to create something is always appreciated. Be conscious of the materials you choose and create something to show someone you care. Picture frames and mirrors are perennial favorites and people tend to keep them.

2. Buy a gift that adds a lasting element to someone's life. A houseplant or a live organic herb garden can be wonderful gifts, which live on and bring joy (and oxygen) into someone's home. Buy a calendar printed on 100% recycled paper with daily affirmations and uplifting quotes. These will remain with the person for a year at least, and can make a difference every day.

3. Buy a stress-reducing present for someone. Get your best friend a gift certificate for a one-hour massage, facial or acupuncture treatment. How about a free week of yoga classes, Pilates or personal training sessions? You will be doing more for the recipient of these gifts than initially meets the eye.

4. Give to a charity. Instead of giving something directly, consider giving to a charity on behalf of a friend or family member. Many charities now allow you to track the progress being made as the result of your contribution. By doing this you are setting up a powerful connection for someone that can go way beyond a simple donation.

5. Buy something educational and entertaining. A book, CD or DVD can make a fantastic present especially when the content is uplifting.

Does the holiday have you feeling depressed? **Help others** not because you should, but because it is the best antidote to seasonal sadness. Find someone who is struggling more than you are, lend them a helping hand, and remember the real meaning of the holidays. **Jesus is the reason for the season!**

Don't forget, "together we can make a difference!"

lesleyhaynes14@yahoo.com

Ongoing Volunteer Opportunities Available

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

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

AWARE (Association for Wild Animal Rehabilitation and Education) - Volunteers needed for fundraising, grant writing, capturing and transporting animals to us or the veterinarians, public relations, construction of cages, begging for donations of materials and food (for the animals, not us) and for helping at our educational programs. **Buffalo Audubon-** Volunteers wanted for Beaver Meadow Audubon Center, and For the Birds Niagara! Help with tour leading, office work, programming, grounds keeping and general maintenance. Every Wednesday 10am-2pm is Volunteer Day at Beaver Meadow. No need to register, but bring a lunch. Call (800) 377-1520 for details.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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>

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

Busti Cider Mill- www.busticidermill.com

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

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

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

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

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

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

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

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

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

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

Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- <http://www.first-light-farm.com>
Five Loaves Farm- Kauffman.m@gmail.com
Flavor Farm- www.flavor-farm.com
Good Food Farm- www.goodfoodfarm.blogspot.com
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Green Heron Growers- <http://www.greenherongrowers.com/>
Green Shoots- [www.jersbuffalo.org/index.php/programs/category/Green Shoots for New Americans](http://www.jersbuffalo.org/index.php/programs/category/Green_Shoots_for_New_Americans)
Harvest Patch- <http://www.harvestpatch.com/>
McCollum Orchards/Wildwood CSA- <http://www.oldfarmnewlife.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <http://www.platodalefarm.org/>
Porter Farms- <http://porterfarms.org/>
The Promised Land- <http://www.promisedlandcsa.com/produce.htm>
Queen City Farm- www.queencityfarm.org/
Reigle's on the Ridge- <http://www.localharvest.org/reigles-on-the-ridge-M48650>
Richardson Farms/Grace's Garden- <http://www.localharvest.org/richardson-farms-graces-garden-M51641>
Roots & Wings Family Farm- <http://www.rootsandwingsfamilyfarm.com>
Root Down- www.therootdownfarm.com
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals- www.singerfarmnaturals.com
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
T-Meadow Farms- <http://tmeadowfarm.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
NY Sustainable Agriculture Working Group- <http://www.farmtraveleronline.com/>
NYSAWG Links to Farmers' Markets, CSA, Other farms- <http://www.nysawg.org/directory-of-farms.html>
Local Harvest (resource site)-<http://www.localharvest.org/>
NY Agri-women - <http://www.newyorkagriwomen.com/>
Local Meats- <http://meatsuite.com/>

Local Tourism promoting Sustainability

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

Recycling, Reuse, 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://triadrecycle.com/mattress/> Hazman, Buffalo ReUse ReSource
Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf
Needles, Syringes etc.- <http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access>
Packaging Materials (bubble wrap, peanuts)-UPS Store
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
Styrofoam- Thermal Foams, Inc. accepts clean, white Styrofoam at 2101 Kenmore Avenue, 14207. Please call first at (716) 874-6474.
Tennis balls- <http://www.rebounces.com/recycle/>
Toys, plastic- http://dmpgreen.com/mail_in.html
Uses and reuses for many items- <http://www.world.org/weo/recycle>
Water filters-Brita partners with preserveproducts.com/recycling
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/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloudubon.org
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 Farm to School Program	http://buffalofarmtoschool.org/

Buffalo First	www.buffalofirst.org/
Buffalo Geological Society Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran	www.bgsny.org
Buffalo Green Code	http://www.buffalogreencode.com/
Buffalo 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 Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	http://www.buffalo-orienteeing.org/
Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Solar Carousel	http://buffaloheritagecarousel.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens' 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 Sustainability	www.daemen.edu
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
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	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 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 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	niagarafontierbotanicalsociety.org
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/
Open Buffalo	http://www.openbuffalo.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	http://www.niagara.edu/renu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://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/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	http://21stcenturypark.org/
UB Engineers for a Sustainable World	http://www.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
WASH Project	http://thewashproject.org/
Wellness Institute	http://www.healthycommunitynetwork.com/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.growwny.org/
Western New York 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.westsideminstries.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/