

# Enviro-News

December, 2014

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

## Newsletter Contents:

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## Articles:

### Mitigating Climate Change Using Mother Nature

The Sierra Club Climate and Clean Energy Writers Group will host Dave Majewski of Premium Services at their **December 1** meeting. Mr. Majewski, a recipient of a 2014 EPA Environmental Quality award, will present strategies on mitigating climate change using natural processes through soil restoration, agroforestry, farming practices and more. The group meets from 6:00 to 7:30 PM in the 2nd Floor Alliance Room of the Unitarian Universalist Church at Elmwood and West Ferry Streets. This meeting is free and open to the public. A current article about Dave's work is available [here](#). The group is also seeking writers of all ages to help get the word out on climate issues and clean energy via various media, including print and the internet. If you would like to write, critique writing, or track local news items, please contact [bill.nowakcwa@gmail.com](mailto:bill.nowakcwa@gmail.com).

### "Hazardous Cargo: Shipping Bakken Crude Oil by Rail"

The monthly WNY Drilling Defense meeting is hosting a presentation by Dr. Fred Millar on **December 4** at 6 p.m. at Crane Branch Library, 633 Elmwood Ave., Buffalo 14222. With very little public awareness and no study of environmental impacts, the oil industry is shipping crude oil from North Dakota across New York State and through the city of Buffalo via rail. Find out more about the issues associated with Bakken oil trains.

### Share your Voice in Buffalo's Bicycle Master Plan

Join GObike, the City of Buffalo and Alta Planning & Design on December 4 as they present the developing Buffalo Bicycle Master Plan for feedback and ideas. The meeting will consist of a 2-hour workshop from 6-8pm with a short video presentation by Alta and break-out group discussions with activities to develop ideas. The purpose of this meeting is to get the community together to elaborate on current findings, discuss the hierarchy of bicycle infrastructure needed (sharrows, protected bicycle lanes, cycletracks), and determine a priority of proposed action. This event will be held at 640 Ellicott St. (DIG Buffalo) and is free and open to the public.

### 2014 Christmas Bird Counts

The annual Christmas Bird Counts are an opportunity for thousands of volunteers to participate in an extensive citizen science project. From the new birders to the experts, all can contribute by helping to collect data on bird populations. Each count takes place in an established 15-mile wide diameter circle, and is organized by a count compiler. If your home is within the boundaries of a Christmas Bird Count circle, then you can stay at home and report the birds that visit your feeder on count day as long as you have made prior arrangement with the count compiler. A listing of dates (**December 14-January 1**), locations and contact info for counts in NY is available [here](#). The Beaver Meadow Audubon Christmas Bird Count will take place on **Saturday, December 20** at 7:00 am. Contact Tom Kerr at Beaver Meadow Audubon Center for more info ([tkerr.buffaloaudubon@gmail.com](mailto:tkerr.buffaloaudubon@gmail.com)).

## **Online Solar Heating Inspecting Course for New York State**

A three-week online course “Inspecting Solar Heating Systems in New York State” is geared towards code officials in New York and is approved by the Department of State, Division of Building Standards and Codes for six (6) CEU's. SHOL202 is also open to solar installers, architects, engineers and other professionals in New York State who will benefit from the knowledge of solar heating systems code. The \$50 course is being offered from **Dec. 2-22**. Info [here](#)

## **Draft Aquatic Invasive Species Management Plan-Comments Welcome**

A draft Aquatic Invasive Species (AIS) Management Plan updates the Department of Environmental Conservation's “Nonindigenous Aquatic Species Management Plan”, which was written in 1993. The draft plan includes more than 50 actions designed to address prevention, detection, and response to AIS. Public comment on the draft will be accepted until **December 15, 2014**. You can send comments via email to [FWfish@dec.ny.gov](mailto:FWfish@dec.ny.gov) , enter "AIS Management Plan" in the subject line. [Read the draft plan \(PDF\)](#)

## **Public Comment Requested for NYS Open Space Conservation Plan**

The NYS 2014 Draft Open Space Conservation Plan is now available for review and comments will be accepted through **December 17, 2014**. The Draft Plan is an update and revision of the 2009 Plan, which includes identification of the types and locations of open space resources and various open space conservation tools and methods. The revised Plan addresses the open space conservation priorities: promoting outdoor recreation, addressing climate change, ensuring clean water, air and land for a healthy public and vibrant economy, and protecting, using and conserving our natural resources and cultural heritage. Plan available [here](#).

## **Winter Zoo Camp**

Are you looking for a place where your child(ren) can have loads of fun over their holiday break? Why not bring them to Winter Camp Workshops at the Buffalo Zoo **December 29-31**. Activities will include a combination of exhibit visits, animal information, games, songs, stories, activities and live animal contact. Students will have the opportunity to interact with a variety of mammals, birds, reptiles, amphibians and arthropods from our Education Department animal collection. This provides each camper with the experience and thrill of live animal demos under well-supervised conditions. Morning and afternoon workshops allow great family flexibility; sign up for one half day session, a full day or all five workshops. For details on age groups, topics, costs and registration, visit [http://www.buffalozoo.org/winter\\_camp.html](http://www.buffalozoo.org/winter_camp.html).

## **2015 NOFA\_NY Winter Conference**

Join us for NOFA-NY's 33rd Annual Organic Farming & Gardening Conference from **January 23-25, 2015** in Saratoga Springs, NY. The theme for the conference—“Soil: The Root of the Movement” — honors the invaluable nature of healthy soil and highlights how it is the key to organic agriculture. Everything we do in organic agriculture ties into the soil. To highlight the importance of soil, we are excited that Wes Jackson, founder and President of the Land Institute will be our keynote speaker. The work of the Land Institute is to address the issues of soil loss and degradation, ecosystem destruction, and high energy use associated with agriculture. Info and registration available [here](#).

## **Garden Walk 2015 Beautification Grants**

Applications for Marvin Lunenfeld Beautification Grants are now available from Garden Walk Buffalo, the largest garden walk in the nation. The grants, named for Marvin Lunenfeld, Garden Walk Buffalo's founder, have helped fund dozens of garden beautification projects across the West Side of Buffalo for a total of more than \$50,000 in the last several years. The 2015 [grant application can be found here](#). Completed applications are due **Feb. 17, 2015** with funding awards announced in early spring 2015. Garden Walk Buffalo provides small grants not to exceed \$1,000. Award amounts are based on the overall project cost and the projects are required to include matching funds from government, private contributions or volunteer sweat equity. [See eligibility criteria for the grants here](#).

**Research Experience for Undergraduates (REU):  
Ecosystem Restoration through Interdisciplinary Exchange (ERIE)-REU at University at Buffalo**

Applications are now being accepted for the summer 2015 Ecosystem Restoration through Interdisciplinary Exchange (ERIE) REU at the State University of New York at Buffalo (UB). The ERIE-REU, sponsored by the National Science Foundation, provides the opportunity for undergraduate students to conduct interdisciplinary faculty-mentored research on a diverse array of projects related to ecosystem restoration and engineering for sustainability. REU participants will receive a total of a \$5,000 stipend and on-campus housing in a newly constructed LEED-certified student complex. Participation is limited to U.S. citizens or permanent residents, and students must be enrolled as undergraduate students in a college program through Fall of the following year (graduating seniors are ineligible). Students from underrepresented groups or attending institutions lacking research facilities or opportunities are especially encouraged to apply. Applications must be fully completed by **February 27, 2015**. More information can be found at: [http://www.erie.buffalo.edu/REU\\_apply.php](http://www.erie.buffalo.edu/REU_apply.php)

**Plastic Bag Alert**

How many times have you seen a plastic bag stuck in a tree, swirling through the street, or floating downstream? Disposable plastic bags are used for an average of 12 minutes, but the [damage they cause](#) can last centuries. Help generate more awareness about the issue. In collaboration, data will be used in creating a map and photo gallery of plastic bag pollution in WNY. To participate, text the word BAG to 877-877 to start a conversation about where you see a bag and if you are able to pick it up. You can also [upload a photo](#). Not a texter? [Report with form](#).

**Western New York Guide to Native Plants for your Garden**

Native Plants need less water and provide a multitude of benefits to the environment, as outlined in Buffalo Niagara RIVERKEEPER's newest publication Western New York Guide to Native Plants for your Garden. As you plan your spring plantings, choose natives and use this resource as a guide. The guide is available for download [here](#).

**PUSH Green comes to WNY**

[PUSH Green](#) was created to help WNY get energy efficient! Through PUSH Green you may receive a free comprehensive energy audit of your home. If you choose to proceed with recommended improvements, we can help you access subsidies and low-cost financing you may qualify for, including a new NYSERDA program that will allow you to finance improvements right on to your utility bill, eliminating the need to pay up-front. PUSH Green acts as your knowledgeable advocate during the entire process, and helps connect customers to contractors who agree to do right by their workers and community. Visit [www.pushGREENwny.org](http://www.pushGREENwny.org) or call 716-886-1780.

**WNY Coalition for Donated Goods-Textiles Accepted**

The WNY Coalition for Donated Goods (WNYCDG) is a consortium of local non-profit organizations including Salvation Army, Amvets, Goodwill, Hearts for the Homeless and the City Mission. The mission of WNYCDG is to educate the community on the environmental and economic benefits of recycling and donating goods and to provide easy access to donation opportunities. WNYCDG is supported and sponsored by the City of Buffalo and the County of Erie and partially funded by the State of New York. By donating to a WNYCDG member, donors are assured that they are providing valuable life changing services to people right here in Western New York. For a list of dropoff sites by zip code, visit [here](#) (scroll to bottom).

**University at Buffalo's 2015 Stream Restoration Summer Workshops**

The University at Buffalo (UB) will be offering two summer workshops on topics related to stream restoration. Workshops are scheduled for the first week of **June 2015** at the UB's North Campus in Buffalo, NY. The first workshop is Fundamentals of Stream Channel Design (June 1-2) and the second workshop is Watershed Management Planning, Assessment, & Monitoring (June 3-5). Participants may take either or both workshops. The workshops are geared toward graduate students and environmental professionals. More information will be posted on our webpage: <http://www.erie.buffalo.edu/trainingSummerCoursemainpage.php> and registration will open in late 2014/early 2015.

## **Hydrofracking Health Risks**

Concerned health professionals of WNY have compiled a report of issues related to hydrofracking which is available at <http://concernedhealthny.org/wp-content/uploads/2014/07/CHPNY-Fracking-Compendium.pdf>. The report summarizes research on the risks associated with horizontal hydraulic fracturing for natural gas.

## **Arctic Methane and Climate Change**

With thanks to Michael Patterson for sharing, the Arctic Methane Emergency Group website has an excellent explanation of how planetary warming is affecting methane release in the Arctic. As this region is warming more rapidly than more temperate and tropical regions, we need to understand the consequences. Visit <http://ameg.me/index.php/methane> for graphs and more information.

## **Big Building News from The Foundry**

The Foundry has received their first major grant. First Niagara's fund for supporting small businesses in and around the Buffalo Niagara Medical Campus has granted them \$100,000. The funds will be used to add twelve studio spaces upstairs and make other much-needed improvements. The expansion will allow for more businesses for our youth programs to learn from, and more educational opportunities for the community. The grant will also fund additional tool access for folks looking to start a business but unable to afford the investment in tools.

## **Food Policy Toolkit Resource**

In celebration of Food Day, the Union of Concerned Scientists launched a new resource to help individuals get involved in making food policy changes for their community. The new Healthy Food Policy [toolkit](#) is a guide to the influences and decisions that shape access to healthy food. Their goal is to demystify the often overwhelming world of food policy, with practical tips and resources concerning the policies that affect you and your community.

## **Texting for the Environment**

If you smell a foul odor, text STINK to 877877. For smoke, text SMOKE and for a truck idling, text TRUCK to the same number. Clean Air Coalition will the results to people in power to help reduce our hazardous air pollutants.

## **Entrepreneurship in Buffalo**

We know that Western New Yorkers are creative. Our region has a history of inventiveness. Check out our accomplishments in the video [here](#).

## **Bicycle-Pedestrian Transportation Projects Funded**

Approximately \$70 million has been awarded to fund 68 bicycle, pedestrian and multi-use path transportation projects in New York. The projects, funded by the Federal Highway Administration and which leverage a total investment of \$103.7 million, will promote walking and biking, and boost tourism and economic development opportunities in dozens of communities across the state. A number of WNY projects were funded including \$1.6 million for the West Niagara River Trail. When the trail and other improvements are implemented, a bicycle rider will be able to follow an uninterrupted off road trail from Canalside in downtown Buffalo to Niagara Falls and beyond. For a listing of projects funded, visit [here](#).

## **Permaculture Videos-See it in Action**

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

## Hydrofracking Education

If you want detailed information on hydrofracking, a series of eight hour long videos are available at <http://www.psehealthyenergy.org/COURSES>.

### FarmsReach Plans Online Sustainable Seed Marketplace

FarmsReach, a Berkeley-based social enterprise for farmers and ranchers, has announced a pilot e-commerce platform for non-GMO, sustainable seeds. Their Sustainable Seed Marketplace will be an e-marketplace for non-GMO seeds from a mix of seed distributors, enhanced with anecdotal seed-performance data from North American farmers. To find out more, visit <http://www.farmsreach.com/welcome/seeds/>.

### DEC Releases Plan to Prevent Spread of the Hemlock Woolly Adelgid

The Hemlock Woolly Adelgid (HWA) is an invasive insect species which kills hemlock trees, including Eastern hemlock (*Tsuga canadensis*). It multiplies very rapidly, feeding on the infested tree, and usually causes death within five to 10 years. Through a partnership with the Nature Conservancy and Cornell Cooperative Extension, the Department of Environmental Conservation is taking action to prevent the spread of HWA into the Zoar Valley area. In September, Cornell scientist Mark Whitmore discovered a single tree infested by HWA (*Adelges tsugae*), in Deer Lick Conservation Area, property that is adjacent to Zoar Valley Multiple Use Area. This was the first HWA detection in western New York. DEC will use two systemic pesticides to treat the infested trees and approximately 600 trees around them, in an attempt to kill the pests and prevent HWA from spreading further into the Zoar Valley. The registered chemicals (dinotefuran and imidacloprid) will be applied by DEC certified pesticide applicators directly to the bark of the trees, where it will absorb into the vascular tissue. Dinotefuran moves rapidly through the tree, killing any adelgids that are feeding on it, while imidacloprid moves more slowly, protecting the tree from further attacks for five years or more. HWA has been known in parts of New York for over 20 years, but this is the first detection of the pest in the Zoar Valley.

### 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. New courses in 2014 will focus on mitigation. To learn more, visit: [courses](#).

### EnviroAtlas

EPA's new EnviroAtlas tool is designed to help communities and researchers make informed policy and planning decisions related to the environment and ecosystems. EnviroAtlas includes over 300 data layers, letting you analyze how decisions affect ecosystems and their ability to provide goods and services. [Check it out here](#)

### Cool Harvest Resource for Climate Change & Diet

Cool Harvest is a food faith and climate program. Food is central to religious life – from rituals to sacraments to soup kitchens – and looking more carefully at our food choices can be a revealing exercise. CoolHarvest.org has tips and resources to walk you through this, so you can make healthier and more sustainable food choices for your congregation and community. You will also find climate table blessings, tips for hosting a "Cool Potluck" in your community, a guide for building your own raised beds, and much more. Visit <http://www.coolharvest.org/> for tips.

### Small Farmer Courses

The Northeast Beginner Farmers Project offers interactive 5-7-week courses to connect you to the information and people you need to start a successful farm business or diversify your farm. A new series of courses will be offered in early 2015 with limited spaces. Courses are \$200 each. All courses consist of weekly real-time webinars followed by homework, readings, and discussions on your own time in an online setting. Check out the offerings at <http://nebeginningfarmers.org/online-courses/>.

## 2015 NYS Green Ribbon Schools Applications Due

New York State is participating in the fourth year of the U.S. Department of Education Green Ribbon Schools (ED-GRS) program. ED-GRS recognizes schools taking a comprehensive approach to greening their school. A comprehensive approach incorporates environmental learning with improving environmental and health impacts. Public and non-public schools are invited to apply to the New York State Education Department Office of Facilities Planning for this national recognition at <http://www.p12.nysed.gov/facplan/GreenRibbonSchools.html>. The New York State Education Department (NYSED) is permitted to nominate as many as five Pre-K-12 schools or school districts to the ED. The 2015 NYS Green Ribbon Schools Application must be submitted online before 3:00 PM EST on **December 12, 2014**.

### Teacher's Resources

[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. This comprehensive educational resource is aligned with national educational standards, including NGSS, CCSS and Climate Literacy.

[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. Hundreds of SMILE activities are free, and thousands are low-cost and use readily available materials.

["Wild about Birds"](#) -The first of three new topics for the 2014-15 school year, "Wild about Birds" is focused on the science of birds, including their characteristics and adaptations, habitat needs, migration, and life cycles.

[National Geographic Education](#) brings two free online courses for educators looking for content and resources on watersheds and water.

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

[Brazil Habitats and Mask Making \(5-7 years\)](#): Children can learn about the different habitats of Brazil and some of the animals that live there before making their own masks. There are six different species to choose from including the jaguar, capybara and dyeing poison frog.

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

[From Pristine to Earth](#) is an environmental novel for middle school students and young adults interested in an adventure-filled story with a twist. Marlo, the protagonist, is sent from Pristine on two school assignments to observe the environment on Earth. Joined with two other students, Marlo sets out on a quest to bring about positive change for a problem that has become widespread in the country of Urban.

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

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

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

[Teaching Climate Change Using the National Climate Assessment Report](#)- Corn producers in Iowa, oyster growers in Washington state, and maple syrup producers in Vermont are all observing climate-related changes that are outside of recent experience. To see the health, life-support, and economic impacts in different parts of the US, go to <http://www.globalchange.gov/explore>. Decisions we need to be making to do something about this in our own communities and states are highlighted [here](#)

[PlanetExplore](#)-Find outdoor activities and events in your area through this portal to the outdoors designed to inspire and enable people of all ages to become regularly active outside, and to develop the benefits gained through a connection to nature. PlanetExplore members receive updates on their interests, explore local parks and outdoor spaces using Urban Nature Guides, and have access to partner and visionaries blogs, videos, and podcasts.

Bring Waste Reduction to your Classroom!-The Erie County Department of Environment and Planning offers in-class or assembly presentations all about the benefits of reuse, reduction and recycling. Presentations can be adapted to grade level and curriculum needs. To find out more contact Gary Carrel, Erie County Recycling Coordinator at 716-858-4805 or [gary.carrel@erie.gov](mailto:gary.carrel@erie.gov).

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

["Appetite for Adventure: Exploring Global Food Sustainability"](#)-Green Living Project is proud to announce our new school assembly program. 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.

[Advancing Climate Change Environmental Education Resources](#)- The Climate Change Environmental Education POLCA (Project-based Online Learning Community Alliance) has released materials produced by nine working groups. Formal and informal educators will find research findings, standards, and teaching suggestions appropriate for social studies, language arts, science, and interdisciplinary teaching/learning—and links to valuable resources for working with kindergarten to adult learners.

[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.

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

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

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

## Contests and Awards

[EPA's Campus Rainworks Challenge](#)-Registration opens September 2. College student teams, working with a faculty advisor, will submit design boards, a project narrative, and a letter of support describing a proposed green infrastructure project for their college campus. Registrants must submit their entries by **December 19, 2014**.

[President's Environmental Youth Award](#)- Working on an environmental project in your school or community? Apply for the President's Environmental Youth Award. Deadline: **December 31**.

## Grant and Scholarship Opportunities

[Sustaining Cultural Heritage Collections](#) program helps cultural repositories plan and implement preservation strategies that pragmatically balance effectiveness, cost and environmental impact. Sustainable approaches to preservation can contribute to an institution's financial health, reduce its use of fossil fuels and benefit its green initiatives, while ensuring that collections are well cared for and available for use in humanities programming, education and research. Deadline: **December 3, 2014**.

[2015 Youth Garden Grant](#)- 20 awards for organizations that plan to garden with at least 15 children between the ages of 3 and 18. Grant packages include a \$500 gift certificate to the Gardening with Kids online stores, curriculum, a generous donation of seeds and plant starts from Bonnie Plants. Deadline **December 5, 2014**.

[2015 Environmental Justice Small Grants \(EJSG\) Program](#) is designed to help nonprofit organizations and Tribal communities understand and address exposure to multiple environmental harms and risks at the local level. Special emphasis will be placed on proposals supporting community-based climate resiliency efforts. The application deadline is **December 15, 2014**.

[Katie's Krops](#) offers grants to youth ages of 9 and 16 in the US to start vegetable gardens or container garden with the harvest donated to feed people in need. Winners will be awarded a gift card to a garden center in their area (up to \$500), support from Katie's Krops, and a digital camera to document the project. Deadline: **December 31**.

[Prairie Biotic Research \(PBR\) Small Grants](#) funds grants up to \$1000 to individuals for the study of any grassland taxon in the USA. We support both natural history and experimental science. Since 2002, we've awarded 184 grants worth \$176,441 to people in 33 states to study a range of taxa and the human dimensions of conservation. Deadline: **December 31, 2014**.

[Apprentice Ecologist Initiative](#)- \$500, \$250 and \$100 awards for 13 to 21 year olds for a project (clean up, tree planting, etc.) and essay and photo-essay describing project. Deadline: **December 31, 2014**.

[Sodexo Foundation Youth Grants](#)-YSA (Youth Service America) and Sodexo Foundation are looking for 100 of the best ideas from young people about how they can help end childhood hunger in their communities. \$400 grants are available for youth leaders ages 5-25 across the U.S. to turn their ideas into action and make an impact on the issue of childhood hunger during Global Youth Service Day - April 17-19, 2015 - and beyond. Deadline: **January 15**.

[BoatUS Foundation Grassroots Grant](#) -The Foundation is looking to fund Grassroots Grant projects that utilize new, innovative approaches that encourage safe and clean boating among the boating public. Organizations with the best ideas will be awarded grants of up to \$10,000 to implement their project. Applications due: **January 15, 2015**.

[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**.

[Five Star and Urban Waters Restoration Grant Program](#) anticipates that approximately \$2,000,000 in combined total funding will be available for projects such as: wetlands creation and restoration; green infrastructure and stormwater management; citizen's science and volunteer water monitoring; projects that reduce or eliminate trash from entering waterways; coastal habitat, riparian, urban forest restoration and other water quality protection and restoration projects in local communities. Deadline: **February 2, 2015**.



[UL Innovative Education Award](#) - In recognition of our world's changing needs, Underwriters Laboratories (UL), the global safety science leader, and NAAEE launched the UL Innovative Education Award, a first-of-its-kind initiative designed to invest \$250,000 in environmental and STEM education, sustainable communities, and youth empowerment. The program offers recognition grants to increase the impact of existing innovative nonprofit programs in the US and Canada. Deadline: **February 28, 2015**.

[Scholarships for Amazon Rainforest Professional Development Workshop](#)- The 2015 Educator Academy in the Amazon Rainforest (July 1–11, 2015) allows environmental educators to use and learn innovative instructional tools while exploring one of the world's most important resources—the Amazon! Deadline: **March 1, 2015**.

[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**.

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

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

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

[Environmental Research and Education Foundation](#). Open. All educational materials for sustainable solid waste management, including conferences or events, which advance the foundation's educational mission. At this time, educational projects are typically conducted with EREF being a primary stakeholder/partner and with the goal to develop a revenue model that, at least, covers expenses for the project. Grants are typically not provided to support the development of educational projects.

[VolunTEEN Nation International Service Project Grants](#)-Students (ages 13-22) from the United States going abroad to volunteer or study in a developing country are encouraged to apply for an international service-learning mini-grant from VolunTEEN Nation. Grants are for up to \$300 to create a service project in a developing country while you are visiting that country. Projects that foster good health, education, and economic self-sufficiency in developing countries are eligible. Rolling deadline.

[KaBOOM! Let's Play Engineered Wood Fiber Surfacing Grants and Let's Play Maintenance Grants](#)-Thanks to generous support from Dr Pepper Snapple Group, KaBOOM! will be awarding 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. Through the generosity of the Charles and Lynn Schusterman Family Foundation, 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. Micro-grants will be accepted on a rolling basis, and grants will continue to be awarded as long as funding remains available.

[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. Online applications may be submitted throughout the year.

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

[Niagara Falls National Heritage Area](#) supports important projects and programs throughout the National Heritage Area with the long term goal of realizing community betterment. Grants are targeted to fund projects or programs that directly relate to the goals, strategies, and priority projects identified in the Niagara Falls National Heritage Area Management Plan. Download the plan online at <http://www.nps.gov/nifa>.

[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**

[AmeriCorps Positions](#)-For questions about the program, please call (716) 418-8500.

[Opportunity Corps](#)- Please visit [www.nationalservice.gov](http://www.nationalservice.gov) for available positions.

[Director of Planning & Development, Orleans County, NY](#)-This is professional and administrative work involving responsibility for overseeing the preparation of plans and reports concerned with the county planning and development programs. Deadline: **December 1**.

[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.

[Junior Planner, Mayville, NY](#)-The Chautauqua County Department of Planning and Development is seeking qualified applicants for the position of Junior Planner. A Junior Planner is responsible for specific phases of moderately difficult planning projects or may be in charge of a phase of a complex study. Work involves researching, analyzing and developing planning programs, policy development and grant writing/administration. Work is performed under the general direction of the Director of Planning and Economic Development.

[Environmental Specialist at Ecology and Environment](#) (Requisition ID: R-00250). Ecology and Environment, Inc. is seeking a Biological Project Manager for our corporate office in Buffalo, N.Y. to develop and oversee energy projects in the northeast.

[Environmental Planner](#) (Requisition ID: R-00261)-Ecology and Environment, Inc. is seeking an Environmental Planner for our corporate office in Lancaster, NY. This position will be responsible for preparing environmental reports, working as part of multidisciplinary team and community outreach.

[Geologist](#) (Requisition ID: R-00265)- Ecology and Environment, Inc. is seeking an entry-level Geologist for our corporate office in Buffalo, N.Y. This position will be responsible for supporting a variety of environmental projects. Our successful candidate will have an understanding of environmental investigations, restoration and/or remediation.

[GIS Analyst](#) (Requisition ID: R-00262)-Ecology and Environment, Inc. is seeking a GIS Analyst for our Lancaster, NY office. This position will be responsible for identifying appropriate geospatial solutions, as part of a dynamic results-oriented team, in response to clients' requirements. Our successful candidate will have experience working with ESRI ArcGIS Desktop software, enterprise-level databases, and mobile applications.

## 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.

[Project Squirrel](#)- No matter where you live, you are encouraged to become a squirrel monitor. Take a look around your home, office, school, or anywhere you are and, whether you see squirrels or not, enter your observations at the website. We want to know where squirrels are as well as where they aren't.

[Woodpecker Damage Surveys](#)-Calling all birders: Report woodpecker damage due to Emerald Ash Questions? Contact: [imapinvasives@nynhp.org](mailto:imapinvasives@nynhp.org) who will provide training to post to the NYS Invasive Species Database. Take photos of the damage, bark, and crown of any ash trees with woodpecker damage.

### Get Involved in Environmental Change in WNY

The WNY Environmental Alliance (WNYEA) has working groups that welcome individuals who want to work on improving environmental issues in our area. Check out the 2014 agenda and see a list of working groups [here](#) .

### Upcoming Community Activities:

#### Monday, December 1

**WNY Environmental Alliance Congress**-5:30pm at The Butler Mansion, 672 Delaware Avenue. Previous RSVP for meal is requested.

**Sierra Club Climate and Clean Energy Writers Group**-6:00 to 7:30 PM in the 2nd Floor Alliance Room of the Unitarian Universalist Church at Elmwood and West Ferry Streets. This meeting will be free and open to the public. The presenter will be Dave Majewski of Premium Services, Inc. The topic will be mitigating climate change by pulling existing Greenhouse Gases (GHGs) from the atmosphere. The Writers Group meets monthly and consists of a presentation followed by questions and followed in turn by a discussion of climate and clean energy issues in local media and letters and articles attendees are writing or considering writing. These sessions are free and open to the public - writers and non-writers alike - and last no more than an hour and a half.

**WNYEA Education & Outreach Process Group Meeting**-4 to 5pm. Buffalo Museum of Science, Buffalo NY.

#### Tuesday, December 2

**Imagine Lecture Series**-Free, noon at the Downtown Public Library "Ring Of Knowledge" Area (just past Fable's Cafe). <http://buffaloah.com/h/center/lib/14lec.html>. Noon - 12:30 P.M. "IMAGINE The Arts as Our Universal Language: In Pursuit of Happiness" " 12:30 - 1:00 P.M. "IMAGINE a Healthy, Wealthy & Sustainable Community: Why The Arts Matter" Bhakti Sharma, Assistant Professor Design, Buffalo State College.

**Tonawanda Clean Air Coalition Member Meeting**-6:00pm – 7:30pm at Sheridan Parkside Community Center - 169 Sheridan Parkside Dr. Tonawanda ([map](#)).

#### Wednesday, December 3

**Greater Buffalo Niagara Regional Transportation Council Meeting**- 9:30 AM . Public Welcome. 716-856-2026. NYSDOT office.

**“Measuring and Metrics”:** A WNY Sustainable Business Roundtable Event-3 to5pm. Several WNY Sustainable Business Roundtable (WNYSBR) member businesses will also talk about their experience measuring the success of projects related to the WNYSBR pledge. A tour of E&E's building will be offered after the meeting. Ecology & Environment, 368 Pleasant View Drive, Lancaster, NY 14086. RSVP at “Brown Paper Tickets” website: [<BrownPaperTickets-WNYSBR-Dec3>](#).

**WNYEA Growing Working Group Meeting-9 to 10:30am** at the Community Foundation for Greater Buffalo.

**WNY Partnership for Regional Invasive Species Management Partnership Meeting-** 1 to 3pm at Iroquois National Wildlife Refuge. Please join us as we learn about regional efforts to address invasive species, discuss the accomplishments of WNY PRISM during its first year of operation and discuss the future direction of the partnership. Everyone is welcome – don't miss this opportunity to become involved in your PRISM! RSVP is appreciated, but not necessary. RSVP to Andrea Locke, WNY PRISM Coordinator ([lockeas@buffalostate.edu](mailto:lockeas@buffalostate.edu))

#### **Thursday, December 4**

**Wellness Walk at Tifft-**10 am to noon. Drop by Tifft Nature Preserve and enjoy the fresh air and the sights and sounds of the season with a healthy outdoor walk! Offered Thursdays all year. \$2.00 per person donation appreciated. Please call 825-6397 to confirm walk will be taking place.

**After-School Escape-**4:30 PM at Reinstein Woods Nature Preserve, Depew. Enjoy a one-hour program for kids featuring a different, fun, outdoor activity each week. For kids in grades K through 5. No registration required.

**Citizen Science Info Session for Forest Pests-** Cornell Cooperative Extension of Chautauqua County and the Roger Tory Peterson Institute are teaming up for a proactive Forest Pest Outreach Project that will empower residents and winter outdoor enthusiasts to report possible sightings and potentially prevent pest infestations. Project will kick off with a Forest Pest Informational Session from 6 -7:30 p.m. at the Roger Tory Peterson Institute, 311 Curtis St., Jamestown. The presentation will highlight the biology as well as the signs and symptoms of the Hemlock Woolly Adelgid and the Emerald Ash Borer. In addition to the overview of HWA and EAB, the program will focus on enhancing the early detection of these invasive insects. A new citizen science monitoring project is being piloted this winter at several locations along the Chautauqua County Snowmobile Trail System. The details of this project will also be included in the informational session, such as what to look for and how to report possible HWA or EAB. This educational effort is free and open to the public. If you would like to attend this informational session, please RSVP by **Tuesday, Dec. 2** to Betsy Burgeson at (716) 664-9502 x 204 or [emh92@cornell.edu](mailto:emh92@cornell.edu).

**WNYEA Energy and Climate Change Working Group-** 5:00 pm at Knoer Group offices, 424 Main Street, Suite 1820, Liberty Building, Buffalo. There should be adequate street parking available at that time in the late afternoon.

**City of Buffalo's Bicycle Master Plan Update Meeting-** 6pm in DIG (640 Ellicott Street). Also, the project website is live, visit:[www.buffalobikeplan.org](http://www.buffalobikeplan.org). The meeting will consist of a 2-hour workshop with a short video presentation by Alta Planning and Design and break-out group discussions with activities to develop ideas. The purpose of this meeting is to get the community together to elaborate on current findings, discuss the hierarchy of bicycle infrastructure needed (sharrows, protected bicycle lanes, cycletracks), and determine a priority of proposed action. This event is free and open to the public.

**"Hazardous Cargo: Shipping Bakken Crude Oil by Rail"**-Presentation by Dr. Fred Millar at 6 p.m. at Crane Branch Library - 633 Elmwood Ave., Buffalo 14222. [info](#). Monthly WNY Drilling Defense meeting. With very little public awareness and no study of environmental impacts, the oil industry has made New York a dangerous pipeline for crude oil that snakes thousands of miles by rail, barge and ship from oil fields in North Dakota and elsewhere, to refineries on both coasts. Bakken oil trains from North Dakota are traveling across New York State and through the city of Buffalo. Find out more about the dangers associated with Bakken oil trains and how to fight them!

**Ingredients-** These documentary films are part of the [Food Is Our Medicine](#) project initiatives to improve the health and well-being of the community and to raise awareness of the crucial role that sound food decisions play in this process. 7 p.m. in the Ray Evans Theater, 10 Main St., **Salamanca**. Admission is free.

**“The Role of Seabed Dynamics in Structuring an Estuarine Macro-benthic Community”**-Talk by Elizabeth Hinchey Malloy, Ph.D., Environmental Scientist, U.S. EPA Great Lakes National Program Office. 12:15 p.m. to 1:30 p.m. at Buffalo State College [Science Building 272](#). All are welcome to attend. Contact: Cathleen Nasca at (716) 878-4329.

### **Saturday, December 6**

**Zooper Saturday**-Buffalo Zoo, 10:00am-4:00pm, free with zoo admission \*\*\* Come visit some animals at the Zoo who are thrilled to welcome winter to Buffalo! Enjoy zoo keeper talks and animal enrichments, which provide objects and activities for animals critical to their well-being. Features the North American river otter and reindeer.

**Deck the Halls**- 10am-4pm. At New York Power Authority . Bring the family to a holiday celebration of fun at the New York Power Authority’s visitor center. State parks will provide a craft for the children. For information contact NYPA at (716) 286-6661.

**Wildlife Adventure Hike**-10:00am to 12:30pm at Erie County Forest Lands – Sardinia. A moderately challenging hike through conifer plantations and hardwood forests in search of wildlife and their signs. Fee: \$7.00 members / \$10.00 non-members, Children ages 5-12 are 1/2 price, and must be accompanied by an adult. Interested people should register in advance by emailing Kerri at [programming@earthspiritedu.org](mailto:programming@earthspiritedu.org), or by calling 716-941-6267.

**Full Cold Moon Stroll**- Tiff Nature Preserve from 5-6:30pm for ages 5+. Winter is almost officially underway, making it a great time to go for a moonlit hike. If there’s enough snow, you can rent snowshoes for an additional \$2 per person. \$5 non-members, BMS members save 10%. Please call 825-6397.

**Friends of Reinstein Woods Holiday Party**-1:00 to 4:00 p.m. Friends of Reinstein Woods members will celebrate the beauty of winter at their annual holiday gathering. New members are welcome! Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

**Breakfast with Santa**- 9am to noon at Beaver Meadow Audubon Center. Admission includes breakfast-\$7.00 Adults, \$5.00 Children Ages 4-12, 3 and under Free. Come visit with the jolly old soul as you enjoy a homemade breakfast. Activities include crafts for kids, along with storytelling, and nature walks.

**Walk at Knox Farm State Park** – 9am. Enjoy a family-friendly nature walk led by Buffalo Audubon staff at Knox Farm State Park. (KF) Free. Please call 585-457-3228 to register.

**Holiday Open House at Roger Tory Peterson Institute**- 10 AM - 4 PM. Meet photographer Steve Cagan as you view his black and white photographs of birds in the style of portraits. Steve will be on hand to talk to guests about his photography and to hand sign his beautiful photography prints that will be for sale. \*Free Admission, refreshments. This event coincides with the Jamestown Scandinavian Studies Program's "Julmarknad" or Swedish Christmas Market Day held at the Hamilton Collegiate Center at Jamestown Community College, and the Svenska Spelman band just might drop in for a bit of music during the afternoon! See artwork and memorabilia of America's great naturalist of the 20th century, meet photographer Steve Cagan, and enjoy a Special Guest Artist Demonstration with Jim Michielson.

**Learning about Zoo Design**- Buffalo Architecture Foundation Youth and Family Workshop, free for the whole family. Delavan Grider Community Center from 12-1:30pm.

**Full Moon/Cold Moon Snowshoe Hike**- Come out and join Paths, Peaks & Paddles for a snowshoe hike at Royalton Ravine. If there is no snow we will hike in the Ravine. Meet in the parking lot out in Royalton at 6:00 PM SHARP with an expected ETA back to the parking lot between 9:00 PM & 9:30 PM. There is no cost if you have your own snowshoes & poles. (Poles are a must to aid in ascending & descending) If you do not have snowshoes contact us for rentals. Snowshoe rental with poles is \$10.00 pp. If you have never snowshoed this is the time to come out and try it. This is a great evening adventure into the Ravine hiking the trails, up and down the hills and a short break in the pines. Instructors and NYS Licensed Guides will accompany you on this hike. For further information or directions call 716-213-0350.

### **Sunday, December 7**

**Go Bike Buffalo Class: Maintaining your Bike Through Winter**-6:00 PM at 98 Colvin Ave., Buffalo. Cost is \$10. Curious as to what clothes you should or should not wear while biking in winter, what kind of tires are best for you, how to keep your bike in shape amidst the salt & grit and how to stay safe on icy, snowy streets? Learn how to keep your bike and yourself rolling through the most challenging cycling weather of the year. Call 218-7161.

### **Monday, December 8**

**Sierra Club Energy Committee Meeting**-6:00 pm. UU Church 695 Elmwood Ave. at corner of W Ferry, upstairs in Alliance Room. All are welcome to join us as we work on renewable energy solutions to climate change.

### **Tuesday, December 9**

**Imagine Lecture Series**-Free, noon at the Downtown Public Library "Ring Of Knowledge" Area (just past Fable's Cafe). <http://buffaloah.com/h/center/lib/14lec.html>. Noon - 12:30 P.M. "IMAGINE The Arts as Our Universal Language: In Pursuit of Happiness" " 12:30 - 1:00 P.M. "IMAGINE a Healthy, Wealthy & Sustainable Community: Appreciating Buildings & History", Chuck LaChiusa, Webmaster, [BuffaloAH.com](http://BuffaloAH.com) & C-SAAHN.

**Niagara Frontier Botanical Society**-General meetings are held on the second week of each month, September through May, at the Harlem Road Community Center, 4225 Harlem Road, one block south of Main Street in Snyder. Meetings are open to the public and free of charge. "Annual Members Night." All members are invited to bring a topic for discussion, botanical specimens or photos to share. Michael Siuta expects to bring photos from a cedar rock barren at Georgian Bay. Joanne Schlegel will present "What the Heck Tree is This?—Tree Oddities from Botanical Gardens."

**ADK General Meeting**-Potluck Dinner: 6:30 – 7:45 and General Meeting 7:45 – 9:00 at 77 Washington Highway, Snyder Amherst Community Church, NOTE: Please park in rear and enter through back door. Presentation is on ADK Winter Mountaineering School.

**PUSH Buffalo Community Development Committee Meeting**-6:00 PM. This is the place where PUSH ideas and concerns about neighborhood development are born. We're meeting at 460 Massachusetts Ave.

### **Wednesday, December 10**

**Buffalo Ornithological Society Annual Holiday Celebration**- 7:00 PM in the Cummings Room of the Buffalo Museum of Science. Please bring a treat to share and enjoy an evening of birding friendship. We will also elect officers for the year 2015.

### **Thursday, December 11**

**Wellness Walk at Tiff**-10 am to noon. Drop by Tiff Nature Preserve and enjoy the fresh air and the sights and sounds of the season with a healthy outdoor walk! Offered Thursdays all year. \$2.00 per person donation appreciated. Please call 825-6397 to confirm walk will be taking place.

**After-School Escape**-4:30 PM at Reinstein Woods Nature Preserve, Depew. Enjoy a one-hour program for kids featuring a different, fun, outdoor activity each week. For kids in grades K through 5. No registration required.

**Vanishing Bees**- These documentary films are part of the [Food Is Our Medicine](#) project initiatives to improve the health and well-being of the community and to raise awareness of the crucial role that sound food decisions play in this process. 7 p.m. in the Ray Evans Theater, 10 Main St., **Salamanca**. Admission is free.

### **Friday, December 12**

**Buffalo Astronomical Association General Meeting** - 7:30pm – 9:30pm at Buffalo State, 1300 Elmwood Ave, Buffalo, NY, United States ([map](#)), Classroom Building, Rm C122. Visitors warmly welcomed to attend.

## Saturday, December 13

**Niagara Falls Winter Walk**-1 to 3pm. Niagara Falls State Park. We will view the Three Sisters Island, the Horseshoe and American Falls. We can't promise a snowy walk, but you'll see pictures of Ice Bridges and snow-covered trees. Call (716) 282-5154 to register for program.

**2<sup>nd</sup> Saturdays at the Foundry**-12pm to 5pm at 298 Northampton St., Buffalo 14208. Come buy presents or shop for yourself, enjoy good food and live music, support LOCAL artists and artisans! Once every month (Second Saturday) at The Foundry. Food & Refreshments Art & Craft made by local artists and artisans Live Music. For info, email [info@thefoundrybuffalo.org](mailto:info@thefoundrybuffalo.org).

**Nature Maker DIY Holiday Gifts**- Tifft Nature Preserve from 2-4pm. Create one-of-kind holiday gifts for family and friends using natural and recycled materials and easy techniques in this edition of our guided Nature Maker workshop series! All materials provided. Ages 5+. \$7 non-members, BMS members save 10%. Please call 825-6397.

**Weathering the Winter**- 10:30 a.m. Learn how animals survive the long winter season on this guided walk. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

**Niagara Rapids Gulls and Waterfowl** – 10am at Goat Island. Led by BAS Naturalist Tom Kerr. As the tourist season ends, thousands of Gulls and Waterfowl arrive at Niagara Falls to spend the winter. Meet at Goat Island Lot 3. Donations. To register, call 585-457-3228.

**Boy Scout Mammal Study Merit Badge Workshop**- 10am to 3pm at Beaver Meadow Audubon Center. Who isn't fascinated by the mammals of the world? Dive into this amazing tribe of furry creatures to learn more about one of the most visible of all the animal families. From the tiniest to the largest, from the strongest to the weakest, from the slowest to the fastest, they'll give up all their secrets. Prerequisite is 3c. \$12 per scout. Reservations at 585-457-3228.

**The WASH Project**- Buffalo Architecture Foundation Youth and Family Workshop, free for the whole family. 417 Massachusetts Avenue from 12-1:30pm. (<http://thewashproject.org/about/>)

## Sunday, December 14

**Fresh Winter Wreath Class** – 2 to 3:30pm at Beaver Meadow Audubon Center. Learn the basics of hand-tied wreathes in this hands-on workshop. Each participant will make one fresh conifer and mixed foliage wreath to hang inside or outside for the rest of the winter season. The materials used are long lasting, beautiful, as well as sustainably gathered. All materials are provided in this class but participants are welcome to bring any interesting materials they would like to add to their arrangement. Please bring hand clippers or a pair of scissors with you so we have enough materials for everyone. Garden gloves are recommended. Conducted by Sara Johnson, Sylvatica Shop, Inc., Buffalo. Cost:\$25. Pre-registration required at 585-457-3228.

**Go Bike Buffalo Class: Bike Crafts**-6:00 PM at 98 Colvin Ave., Buffalo. Cost is \$10. Ever make sweet art out of spare bike parts? Our shop staff has gotten pretty good at it, and they'll help you get creative and crafty, too. Come have some fun and get creative. Learn how to make unique bike-centric jewelry, home décor, and more. You must RSVP to save a spot! Contact Stacy: [stacy@gobikebuffalo.org](mailto:stacy@gobikebuffalo.org)

**Christmas Bird Count**-Come participate in an important census of our birds-beginners welcome. This count covers Grand Island and surrounding areas ([map](#)). Contact Compiler: David Gordon ([dgordonphoto@yahoo.com](mailto:dgordonphoto@yahoo.com) or 716-390-1429).

## Monday, December 15

**Little Tykes Mini Nature Camp**-Enjoy a morning exploration at Tifft with your little tyke! Crafts, games, outdoor investigation and more help to foster the nature explorer in your child. Healthy and kid-friendly snacks provided too! 9:30-11:30 AM for ages 3-5. Non-Members: \$8 per child w/adult, \$4 per additional child with same adult. BMS Members save 10%. Please call 825-6397 for more information. Pre-registration required.

## **Tuesday, December 16**

**Imagine Lecture Series**-Free at the Downtown Public Library "Ring Of Knowledge" Area (just past Fable's Cafe). [details](#). Noon - 12:30 P.M. "IMAGINE The Arts as Our Universal Language: In Pursuit of Happiness" 12:30 - 1:00 P.M. "IMAGINE a Healthy, Wealthy & Sustainable Community: Appreciating the Past & The Art of Investing Locally for Tomorrow" John McClive, Community Builder - "Communities are built one person at a time".

## **Thursday, December 18**

**Wellness Walk at Tiff**-10 am to noon. Drop by Tiff Nature Preserve and enjoy the fresh air and the sights and sounds of the season with a healthy outdoor walk! Offered Thursdays all year. \$2.00 per person donation appreciated. Please call 825-6397 to confirm walk will be taking place.

**After-School Escape**-4:30 PM at Reinstein Woods Nature Preserve, Depew. Enjoy a one-hour program for kids featuring a different, fun, outdoor activity each week. For grades K - 5. No registration required.

## **Friday, December 19**

**WNY Environmental Alliance Transportation Working Group/ Complete Streets Coalition** - 10am in room 502 Buffalo City Hall.

## **Saturday, December 20**

**Winter Solstice Walk**-Tiff Nature Preserve from 6 to 7:30pm for adults. Enjoy the shortest day of the year with a guided walk on Tiff's trails and look for signs of animals that call Tiff home. If there's enough snow, you can rent snowshoes for an additional \$2 per person and enjoy a wonderful winter workout. \$5 per person; BMS Members save 10%. Please call 825-6397.

**Solstice Snowshoe Walk**-10:30 a.m. Enjoy the first day of winter with a walk through the woods to learn about the winter solstice. Snowshoe fee \$5/person, \$2 Friends of Reinstein members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

**Junior Audubon Club** – Christmas Bird Count. Middle and High School Students are invited to join our club. This month we will be doing the Christmas Bird Count at Beaver Meadow. 7am.

**Christmas Bird Count** – 7am at Beaver Meadow Audubon Center. No matter what your birding skills, this is a fun event for all birding enthusiasts. We will meet at Beaver Meadow before heading out to our count areas. Contact [www.buffaloudubon.org](http://www.buffaloudubon.org) for more information. Free.

**Walk at Knox Farm State Park** – 9am. Enjoy a family-friendly nature walk led by Buffalo Audubon staff at Knox Farm State Park. (KF) Free. Please call 585-457-3228 to register.

**Christmas Bird Count**-Come participate in an important census of our birds-beginners welcome. This count covers Wilson-Lake Plains. Contact Compiler: Garner Light (716-491-4408 or [garnerlight@hotmail.com](mailto:garnerlight@hotmail.com)).

## **Sunday, December 21**

**Go Bike Buffalo Class: Fix a Flat**-6:00 PM at 98 Colvin Ave., Buffalo. Cost is \$10. Getting a flat tire is always a bummer, but it doesn't have to be such a terrible experience—especially if you can fix the flat and get back on your bike in under 10 minutes. Learn the ins and outs of fixing a flat, including hands-on instruction on tube patching, tube and tire removal and reinstallation. We will also discuss different types of punctures as well as flat prevention. You MUST RSVP to save your spot! Please email Stacy, [stacy@gobikebuffalo.org](mailto:stacy@gobikebuffalo.org).

## **Monday, December 22**

**Family Snowshoe Walk**-10:30 a.m. Take a break from the busy holiday season and enjoy some fresh air on a guided snowshoe walk. Snowshoe fee \$5/person, \$2 Friends of Reinstein members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.



## Tuesday, December 23

**Sierra Club Meeting**-Join others with the Niagara Sierra Club for their monthly meeting at 7pm at Room 240 Duns Scotus Hall, Daemen College. Visit [www.daemen.edu/maps](http://www.daemen.edu/maps) for directions.

## Friday, December 26

**Annual Old Growth Forest Hike**-10am to noon at Beaver Meadow Audubon Center. Enjoy a hike through some of the old woods at the preserve. Walk led by BAS Naturalist Mark Carra. Donations.

## Saturday, December 27

**Hot Chocolate Hike**-Stretch your legs at Tiffit Nature Preserve from 6 to 7:30pm with a wintry nighttime walk and warm-up afterwards with delicious hot chocolate and music by the fireplace. If there's enough snow, you can rent snowshoes for an additional \$2 per person. Ages 5+. \$6 non-members, BMS members save 10%. Please call 825-6397.

**Buffalo-Niagara Gull Appreciation Day** – Gulls have a reputation of being garbage pickers and pests, but today will change your mind. Throughout the day we will be visiting the best sites to see Gulls in along the Niagara River. 9am – Squaw Island, Meet at the Squaw Island parking loop. 11am – Goat Island and Niagara Falls, Meet at Goat Island Lot 3. 1pm – NYPA Power Vista – Meet at Power Vista Entrance.

**Cross Country skiing, snowshoeing, and/or nature walk at Penn Dixie**-10am. Public Welcome. Pre-registration required. \$4/person, Penn Dixie members FREE. [www.penndixie.org](http://www.penndixie.org)

**Christmas Bird Count**-Come participate in an important census of our birds-beginners welcome. This count covers Hamburg/East Aurora. Contact Compiler: Tom O'Donnell ([tmodonnell@roadrunner.com](mailto:tmodonnell@roadrunner.com) or 716-284-5569).

## Sunday, December 28

**Christmas Bird Count**-Come participate in an important census of our birds-beginners welcome. This count covers Niagara Falls (ON/NY). Contact Compilers: (Ontario) Kayo Roy [kayoroy@niagara.com](mailto:kayoroy@niagara.com) or 905-892-4433, (New York State) Willie D'Anna [dannapotter@roadrunner.com](mailto:dannapotter@roadrunner.com) or 716-751-3637.

**Go Bike Buffalo Class: Basic Wheel Maintenance**-6:00 PM at 98 Colvin Ave., Buffalo. Cost is \$10. Does the idea of truing wheels intimidate you? (Do you know what it means to “true” a wheel?) Not sure of how to take care of that persistent wobble? Clueless about what's going on in your hub? (Not sure what a hub is?). We will cover hub overhauling and adjustment, wheel truing, and how to fix a broken spoke. Practice wheels will be available to work on but participants may also bring their own wheels. A RSVP is mandatory! Please email Stacy: [stacy@gobikebuffalo.org](mailto:stacy@gobikebuffalo.org) to notify us if you are attending.

## Monday, December 29

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

**Christmas Bird Count**-Participate in an important census of our birds-beginners welcome. This count covers Oak Orchard. Contact Compiler Celeste Morien at [celeste.morien@gmail.com](mailto:celeste.morien@gmail.com) or 585-721-8202.

## Tuesday, December 30

**Frosty Fun!**-No matter what weather Mother Nature brings, we'll have frosty family fun at Tiffit! Join us for an afternoon of hands-on activities celebrating the wintry season. 2-4pm for ages 5+. \$5 non-members, BMS members save 10%. Please call 825-6397.

**Imagine Lecture Series**-Free, noon at the Downtown Public Library "Ring Of Knowledge" Area (just past Fable's Cafe). [details](#). 12:10 - 1:00 P.M. "IMAGINE Lifelong Learning & Buffalo Niagara as a Bi-National Cultural Center" Dennis Galucki, Founder, C-SAAHN "The Buffalo-Chautauqua Idea: 'IMAGINE' Series Fifth Anniversary".

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

### **Wednesday, December 31**

**Winter Nature Play**-10:30 a.m. Bring the kids out for some fun in the snow! Play nature games, build snow sculptures, and go on a scavenger hunt. For kids ages 4-8. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

### **Thursday, January 1**

**Christmas Bird Count**-Come participate in an important census of our birds-beginners welcome. This count covers Dunkirk/Fredonia. Contact Compiler: Joanne Goetz ([goetz@netsync.net](mailto:goetz@netsync.net) or 716-673-1627).

### **Friday, January 2**

**Frosty Fun!**-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. 10am to noon for ages 5+. \$5 non-members, BMS members save 10%. Please call 825-6397.

### **Saturday, January 3**

**Snowshoeing 101**- 10:30 a.m. Learn the basics of snowshoeing before going on a guided snowshoe walk. Snowshoe fee \$5/person, \$2 Friends of Reinstein members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

**Walk at Knox Farm State Park** – 9am. Enjoy a family-friendly nature walk led by Buffalo Audubon staff at Knox Farm State Park. (KF) Free. Please call 585-457-3228 to register.

### **Sunday, January 4**

**Learn to Cross-Country Ski**- 10:30 a.m. Learn the basics of cross-country skiing before going on a short guided ski tour. Ski rental \$5/person, \$2 Friends of Reinstein members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

## **Tips for the Environment:**

- 1. Consider your snow/ice strategies**- As we have been dealt an early reminder of Mother Nature's ability to bury some of our communities, it's time to review our strategies for keeping walkways and driveways safe. Almost every option has drawbacks. While shoveling is the most environmentally-friendly method, some of us can't keep up physically. So we turn to salts and other compounds that may have negative environmental effects. Check out the following for options as you weigh the pros/cons of getting traction: [three tips](#), [picklebrinebeet](#), [multipletips](#).
- 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. So let's reuse and recycle-you can check the list of tips from the first Enviro-News in January 2006 (check for any missed at [econews](#)). If you have tips to share, please send them to me to include.

### **December's Contribution by Lesley Haynes:**

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

As the Christmas season approaches and we are caught up in the hustle and bustle of activities, it is important to be thoughtful about energy saving purchases.

**Christmas tree:** A live tree certainly evokes the season with its pine-fresh smell. Consider buying a living Christmas tree with roots attached that you can plant later in your garden or donate to your local parks department. A cut tree can be recycled by shredding and used as mulch in the garden around evergreen shrubs and trees.

**Holiday lights:** consider seasonal light emitting diode, or LED, strings of lights. These can save up to 95 percent less energy than conventional bulbs, and they last seven times longer than traditional bulbs thereby resulting in lower power consumption.

**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 when planning gifts:** When you give someone a “green gift” it means you went the extra distance. It also means that you have taken the time to consider the environment and have given a gift that shows something special about you. You will have created a ripple effect too significant to calculate.

**Create a gift from scratch:** Making a personal effort to create something is always appreciated. Be conscious of the materials you choose and create something to show that you care. Picture frames and mirrors are perennial favorites and people tend to keep them. Reprint a favorite family photo and have it framed. Compose a song, write a poem, or knit a scarf for the one you love. Make the wrapping part of the gift: a decorative canvas bag can hold gifts and be reused for grocery shopping.

**Buy a thoughtful gift** that adds a lasting element to someone’s life. Houseplants or a live organic herb garden are wonderful gifts which live on and bring joy (and oxygen) into someone’s home. Always try to buy local. 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. Open a savings account or buy a stock for a child in your family and teach him/her how it grows.

**Consider a stress-reducing present:** Buy your best friend a gift certificate for a one-hour massage or a yoga lesson. Give gift coupons for a car wash or a movie. A subscription to the theater or gym is also an excellent alternative to packaged material gifts. A book, CD or DVD can make a fantastic present especially when the content is uplifting.

**Give to a charity:** Transfer your gift-giving energy towards buying toys for local children through [Toys for Tots](#), or by donating items to your local food pantry. Buy cards that donate a portion of proceeds to a good cause like UNICEF.

**Holiday Cards:** The 2.6 billion non-recyclable holiday cards sold each year in the United States could fill a landfill the size of a football field 10 stories high. Buying cards printed on recycled paper could help reduce that pile. Does the holiday have you feeling depressed? Help others, not because you should, but because it is the best remedy to seasonal sadness. Find someone who is struggling more than you are, lend them a helping hand, and remember **Jesus is the reason for the season!**

Don’t forget, “Together we can make a difference!”

Peacesojourner – Lesley [Haynes14@yahoo.com](mailto:Haynes14@yahoo.com)

### **GROW WNY: Local Website for Everything Environmental**

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

### **Ongoing Volunteer Opportunities Available**

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

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

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

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

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

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

**Buffalo & Erie County Botanical Gardens**-Docents needed. Training is provided. Tours and hands-on lessons are scheduled in advance, so you may sign up for those that fit your schedule. Other opportunities to help are available too. For info, contact Nancy Kalieta at 827-1584 ext. 207 or [nkalieta@buffalogardens.com](mailto:nkalieta@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](mailto: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 including fundraising, graphic design, building salvage and material pickups. Join them for their fun Saturdays. To help, contact them at [volunteer@buffaloreuse.org](mailto: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](http://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](mailto: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](mailto:GardenWalkBuffalo@yahoo.com).

**Go Bike Buffalo**- If you're interested or want more information, feel free to contact Tivona Renoni at [tivona@gobikebuffalo.org](mailto:tivona@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](mailto: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](mailto: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](mailto:muj265@homeny.org) or visit their website at [www.homeny.org](http://www.homeny.org).

**Iroquois Observations** offers free nature programs in partnership with the Buffalo Audubon Society each spring and fall. Programs include: birding field trips, scope watches, owl prowls, canoe trips, hands on activities, and guest speakers. Please contact Garner Light at 772-5110 or [glight@rochester.rr.com](mailto: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](mailto: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. Anyone is welcome to come by the farm, pitch in and help on a project, or even just stroll around and check out what's growing. <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](mailto:meghmccallum@gmail.com). Remember that families with children are always welcome with parental supervision.

**Preservation Buffalo Niagara-**Interns & volunteers welcome. [www.preservationbuffaloniagara.org](http://www.preservationbuffaloniagara.org).

**Reinstein Woods Nature Preserve** offers a variety of volunteer positions as well as internships for college students. On Trail Tuesdays volunteers help control invasive species. For more info about these and other opportunities, call 683-5959 or visit the volunteer page of Reinstein Woods' website: <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](mailto: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>

#### **Additional local blogs and websites-**

ReNews Weekly Digest (renewable energy news)- sign up by email to [zaczek@prodigy.net](mailto:zaczek@prodigy.net)

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

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

Campaign for Buffalo History, Architecture and Culture- <http://greaterbuffalo.blogs.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](http://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](http://www.blackdogsecondchance.org)  
Peace Weavers- <http://peaceweavers.org/>  
Eco-Island Nature Center- [www.k12.ginet.org/resources.cfm?subpage=6518](http://www.k12.ginet.org/resources.cfm?subpage=6518)  
NY Sport Fishing- <http://www.fishny.com/>  
Erie Canal Trailway- [www.ptny.org/bikecanal](http://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/>

### **Green Jobs, Internships and Opportunities**

Environmental Internships-<http://environmentalinterns.ncseonline.org/>  
Green Careers-<http://www.greencareersny.com/>  
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](http://www.tinyurl.com/SustainabilityAndGreenJobs)

### **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**

[www.wnygrantmakers.org/](http://www.wnygrantmakers.org/)  
[www.grantstation.com](http://www.grantstation.com)  
[www.grantwatch.com](http://www.grantwatch.com)  
[www.grantwrangler.com](http://www.grantwrangler.com)  
[www.grantsalert.com](http://www.grantsalert.com)  
<http://www.glrppr.org/funding/>

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

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

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

Busti Cider Mill- [www.busticidermill.com](http://www.busticidermill.com)

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

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

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](http://www.fentonsproduce.com)

First Light Farm and Creamery- <http://www.first-light-farm.com>

Flavor Farm- [www.flavor-farm.com](http://www.flavor-farm.com)

Green Heron Growers- <http://www.greenherongrowers.com/>

Good Food Farm- [www.goodfoodfarm.blogspot.com](http://www.goodfoodfarm.blogspot.com)

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

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

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

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

Niagara Malt- [www.niagaramalt.com](http://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/](http://www.queencityfarm.org/)

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

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

Root Down- [www.therootdownfarm.com](http://www.therootdownfarm.com)

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

Singer Farms Naturals-[www.singerfarmnaturals.com](http://www.singerfarmnaturals.com)

Thorpe's Organic Farm- [www.thorpesorganicfamilyfarm.com](http://www.thorpesorganicfamilyfarm.com)

T-Meadow Farms- [www.heritagebreedsusa.com/TMeadow.html](http://www.heritagebreedsusa.com/TMeadow.html)

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 Tourism promoting Sustainability**

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

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

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

## **Recycling, Reuse, Disposal, Green Cleaning Options:**

(also check <http://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](http://www.booksforafrica.org), [www.operationpaperback.org](http://www.operationpaperback.org)

Bottle and jar caps-Weisenbach Recycled Products in Ohio. [CapsCando.com](http://CapsCando.com).

Bras- [www.donateyourbra.com](http://www.donateyourbra.com), [www.brarecycling.us](http://www.brarecycling.us)

Building materials- [www.buffaloreuse.org](http://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/](http://www.donatemyweddingdress.org/), [www.careergear.org](http://www.careergear.org), [www.dressforsuccess.org](http://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](http://www.greenergadgets.org/recycling-responsibly.html), most electronics stores, [www.sunnking.com](http://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 18<sup>th</sup> 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](http://RecyclePlace.com) and most manufacturers

Mattresses- <http://www.triadrecycle.com/mattress.html>

Medicines, expired or unused- [http://www.dec.ny.gov/docs/water\\_pdf/guidance3.pdf](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](http://NoNonsense.com/PantyhoseRecycling.aspx)

Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery

Plastic shopping bags-groceries, many retailers

Recycling A to Z - [realsimple](http://realsimple)

Shoes, athletic-[NikeReuseAShoe.com](http://NikeReuseAShoe.com), [Souls4Souls.org](http://Souls4Souls.org) and [OneWorldRunning.com](http://OneWorldRunning.com)

Sports equipment-resell/trade at [www.playitagainsports.com](http://www.playitagainsports.com)

Tennis balls- <http://www.rebounces.com/recycle/>

Toys, plastic- [http://dmpgreen.com/mail\\_in.html](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](http://preserveproducts.com/recycling)

Yoga mats- [RecycleYourMat.com](http://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](#)

### **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	<a href="http://www.adk-nfc.org/home.php">http://www.adk-nfc.org/home.php</a>
Allegany Nature Pilgrimage	<a href="http://alleganynaturepilgrimage.com/">http://alleganynaturepilgrimage.com/</a>
Alliance for the Great Lakes	<a href="http://www.greatlakes.org">www.greatlakes.org</a>
American Planning Association-WNY Section/Upstate	<a href="http://www.wnyapa.com">www.wnyapa.com</a>
Amherst Greenways	<a href="http://Amherstgreenways.org">http://Amherstgreenways.org</a>
Amherst State Park Arboretum	<a href="http://www.amherststatepark.org/ASP/Welcome.html">http://www.amherststatepark.org/ASP/Welcome.html</a>
Animal Advocates of Western New York	<a href="https://www.facebook.com/aaofwny">https://www.facebook.com/aaofwny</a>
Aquarium of Niagara	<a href="http://www.aquariumofniagara.org">www.aquariumofniagara.org</a>
Artfarms	<a href="http://www.artfarms.org/">http://www.artfarms.org/</a>
AWARE-Assoc. for Wild Animal Rehabilitation & Education	<a href="https://www.facebook.com/AWAREWildlife">https://www.facebook.com/AWAREWildlife</a>
Bergen Swamp Preservation Society	<a href="http://www.bergenswamp.org/">http://www.bergenswamp.org/</a>
Bless the Beasts Foundation	<a href="http://blessthebeastsinc.webs.com/">http://blessthebeastsinc.webs.com/</a>
Bond Lake Environmental & Beautification Committee	<a href="http://www.freewebs.com/bondlake/">http://www.freewebs.com/bondlake/</a>
Buffalo Architecture Foundation	<a href="http://www.buffaloarchitecture.org/">http://www.buffaloarchitecture.org/</a>
Buffalo Audubon Society/Beaver Meadow Nature Center Volunteer Day every Wed. 10am-2pm at Beaver Meadow	<a href="http://www.buffaloudubon.org">www.buffaloudubon.org</a>
Braddock Bay Bird Observatory	<a href="http://braddockbaybirdobservatory.wordpress.com/">http://braddockbaybirdobservatory.wordpress.com/</a>
Buffalo Astronomical Association	<a href="http://www.buffaloastronomy.com/">http://www.buffaloastronomy.com/</a>
Buffalo Brownfields Opportunities Areas	<a href="http://buffalobrownfieldopportunities.com/">http://buffalobrownfieldopportunities.com/</a>
Buffalo Citybration	<a href="http://citybration.com/">http://citybration.com/</a>
Buffalo Complete Streets	<a href="http://buffalocompletestreets.org/">http://buffalocompletestreets.org/</a>
Buffalo and Erie County Botanical Gardens	<a href="http://www.buffalogardens.com">www.buffalogardens.com</a>
Buffalo First	<a href="http://www.buffalofirst.org/">www.buffalofirst.org/</a>
Buffalo Food not Bombs	<a href="http://buffalofoodnotbombs.webs.com/">http://buffalofoodnotbombs.webs.com/</a>

Buffalo Geological Society Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran	<a href="http://www.bgsny.org">www.bgsny.org</a>
Buffalo Green Code	<a href="http://www.buffalogreencode.com/">http://www.buffalogreencode.com/</a>
Buffalo in Bloom	<a href="http://www.buffaloinbloom.com/">www.buffaloinbloom.com/</a>
Buffalo Maritime Center	<a href="http://www.buffalomaritimecenter.org/">http://www.buffalomaritimecenter.org/</a>
Buffalo Microparks	<a href="http://www.buffalomicroparks.com/">http://www.buffalomicroparks.com/</a>
Buffalo Museum of Science	<a href="http://www.sciencebuff.org/">www.sciencebuff.org/</a>
Buffalo Niagara Riverkeeper	<a href="http://www.bnriverkeeper.org/">www.bnriverkeeper.org/</a>
Buffalo Niagara 2050 Transportation	<a href="http://www.buffaloniagara2050.com">www.buffaloniagara2050.com</a>
Buffalo Olmsted Parks Conservancy	<a href="http://www.bfloparks.org">www.bfloparks.org</a>
Buffalo Orienteering Club	<a href="http://www.buffalo-orienteeing.org/">http://www.buffalo-orienteeing.org/</a>
Buffalo Ornithological Society	<a href="http://www.buffaloornithologicalsociety.org/">http://www.buffaloornithologicalsociety.org/</a>
Buffalo ReUse	<a href="http://www.buffaloreuse.org/">www.buffaloreuse.org/</a>
Buffalo Urban Development Corp	<a href="http://budc.ecidany.com/">http://budc.ecidany.com/</a>
Buffalo Urban Outdoor Education	<a href="http://www.buoe.org">www.buoe.org</a>
Buffalo Zoo	<a href="http://www.buffalozoo.org">www.buffalozoo.org</a>
Center for Environmental Information (Rochester)	<a href="http://ceinfo.org/">http://ceinfo.org/</a>
Center for the Study of Art, Architecture, History and Nature	<a href="http://buffaloah.com/h/center/index.html">http://buffaloah.com/h/center/index.html</a>
Chautauqua Watershed Conservancy	<a href="http://www.chautauquawatershed.org/">http://www.chautauquawatershed.org/</a>
Citizens Campaign for the Environment	<a href="http://www.citizenscampaign.org">www.citizenscampaign.org</a>
Citizens' Environmental Coalition	<a href="http://www.cectoxic.org/index.html">www.cectoxic.org/index.html</a>
Citizens Regional Transit Corporation	<a href="http://www.citizenstransit.org/">www.citizenstransit.org/</a>
Clarence Bluebird Trail	<a href="http://www.clarencebluebirdtrail.org">www.clarencebluebirdtrail.org</a>
Clean Air Coalition of Western New York	<a href="http://www.cacwny.org/">http://www.cacwny.org/</a>
Clean Communities of Western New York	<a href="http://www.ccofwny.org/">http://www.ccofwny.org/</a>

Community Action Organization of Erie County	<a href="http://www.caoec.org/">http://www.caoec.org/</a>
Community Foundation for Greater Buffalo	<a href="http://www.cfgb.org/">http://www.cfgb.org/</a>
Cornell Cooperative Extension for Cattaraugus County	<a href="https://chautauquacce.shutterfly.com/">https://chautauquacce.shutterfly.com/</a>
Cornell Cooperative Extension for Erie County	<a href="http://counties.cce.cornell.edu/erie/">http://counties.cce.cornell.edu/erie/</a>
Cornell Cooperative Extension for Niagara County	<a href="http://counties.cce.cornell.edu/niagara/">http://counties.cce.cornell.edu/niagara/</a>
Daemen College Center for Sustainable Communities	<a href="http://www.daemen.edu/academics/centersinitiatives/CSCCE">www.daemen.edu/academics/centersinitiatives/CSCCE</a>
Department of Environmental Conservation (NY State)	<a href="http://www.dec.ny.gov/index.html">www.dec.ny.gov/index.html</a>
Designing to Live Sustainably	<a href="http://www.d2ls.org/">http://www.d2ls.org/</a>
Earth Spirit Educational Services	<a href="http://www.earthspiritedu.org">www.earthspiritedu.org</a>
Environmental Education Associates	<a href="http://environmentaleducation.com/">http://environmentaleducation.com/</a>
Environmental Justice Action Group of Western New York	<a href="http://weact.org/Coalitions/tabid/182/Default.aspx">http://weact.org/Coalitions/tabid/182/Default.aspx</a>
Environmental Protection Agency Local Office (716) 551-4410	<a href="http://www2.epa.gov/aboutepa/epa-region-2">http://www2.epa.gov/aboutepa/epa-region-2</a>
Erie Canal Harbor Development	<a href="http://www.eriecanalharbor.com/">http://www.eriecanalharbor.com/</a>
Erie County Community College Going Green	<a href="http://eccgoinggreen.ecc.edu/index.html">http://eccgoinggreen.ecc.edu/index.html</a>
Erie County Conservation Society	<a href="http://eccs-club.org/">http://eccs-club.org/</a>
Erie County Department of Environment and Planning	<a href="http://www.erie.gov/environment/">http://www.erie.gov/environment/</a>
Erie County Environment Management Council	<a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>
Erie County Farm Bureau	<a href="http://www.ecfarm.com/">http://www.ecfarm.com/</a>
Erie County Federation of Sportsmen's Clubs	<a href="http://www.eriectyfsc.org/">http://www.eriectyfsc.org/</a>
Erie County Parks and Recreation	<a href="http://www.erie.gov/parks">http://www.erie.gov/parks</a>
Erie County Soil and Water Conservation	<a href="http://www.ecswcd.org/">www.ecswcd.org/</a>
Evergreen-Buffalo State College	<a href="http://www.buffalostate.edu/orgs/evergreen">www.buffalostate.edu/orgs/evergreen</a>
Excalibur Leisure Skills	<a href="http://excaliburl.org">http://excaliburl.org</a>

Field and Fork Network	<a href="http://fieldandforknetwork.com/">http://fieldandforknetwork.com/</a>
First Hand Learning	<a href="http://www.firsthandlearning.org">www.firsthandlearning.org</a>
Food is our Medicine Project	<a href="http://www.foodisourmedicine.org/">www.foodisourmedicine.org/</a>
For A Clean Tonawanda Site	<a href="http://www.factsofwny.com/">www.factsofwny.com/</a>
Foundry	<a href="http://thefoundrybuffalo.org/">http://thefoundrybuffalo.org/</a>
Friends of the Iroquois National Wildlife Refuge	<a href="http://www.friendsofiroquoisnwr.org/">http://www.friendsofiroquoisnwr.org/</a>
Friends of Times Beach Nature Preserve	<a href="http://www.friendsoftimesbeachnp.org/">http://www.friendsoftimesbeachnp.org/</a>
Foothills Trail Club	<a href="http://www.foothillstrailclub.org">www.foothillstrailclub.org</a>
Gander Mountain Store (seminar listings)	<a href="http://www.gandermountain.com/store-locator/">http://www.gandermountain.com/store-locator/</a>
Garden Clubs of WNY	<a href="http://www.gardenclubsofwny.com">www.gardenclubsofwny.com</a>
Garden Walk Buffalo	<a href="http://gardenwalkbuffalo.com/">http://gardenwalkbuffalo.com/</a>
Genesee County Nature Center	<a href="http://www.gcv.org">www.gcv.org</a>
Go Bike Buffalo	<a href="http://gobikebuffalo.org/">http://gobikebuffalo.org/</a>
Good Going WNY	<a href="http://www.goodgoingwny.com">www.goodgoingwny.com</a>
Gooseneck Hill Waterfowl Sanctuary	<a href="http://www.gooseneckhillwaterfowlfarm.com">www.gooseneckhillwaterfowlfarm.com</a>
Grassroots Gardens of Buffalo	<a href="http://www.grassrootsgardens.org/">www.grassrootsgardens.org/</a>
Greater Buffalo-Niagara Regional Transportation Council	<a href="http://www.gbnrtc.org/">www.gbnrtc.org/</a>
Great Lakes Beach Sweep	<a href="http://greatlakesbeachsweep.org/">http://greatlakesbeachsweep.org/</a>
Great Lakes Center at Buffalo State College	<a href="http://www.buffalostate.edu/greatlakescenter">http://www.buffalostate.edu/greatlakescenter</a>
Great Lakes Experience	<a href="http://www.thegreatlakesexperience.org">http://www.thegreatlakesexperience.org</a>
Green Development Zone	<a href="http://greendevlopmentzone.org/">http://greendevlopmentzone.org/</a>
Green WNY	<a href="http://greenwny.com/">http://greenwny.com/</a>
Groundwork Buffalo	<a href="http://www.groundworkbuffalo.org/">http://www.groundworkbuffalo.org/</a>
Habitat for Humanity Buffalo	<a href="http://www.habitatbuffalo.org/">http://www.habitatbuffalo.org/</a>

Intro to Volunteering 9am-3<sup>rd</sup> Saturday each month

Hawk Creek Wildlife Center, Inc.	<a href="http://www.hawkcreek.org">www.hawkcreek.org</a>
Healthy Kids Healthy Communities	<a href="http://www.healthykidshealthycommunities.org/communities/buffalo-ny">www.healthykidshealthycommunities.org/communities/buffalo-ny</a>
Heart of the City Neighborhoods, Inc.	<a href="http://www.hocn.org">www.hocn.org</a>
Iroquois National Wildlife Refuge	<a href="http://www.fws.gov/refuge/iroquois/">http://www.fws.gov/refuge/iroquois/</a>
Jamestown Audubon Center & Sanctuary	<a href="http://www.jamestownaudubon.org">www.jamestownaudubon.org</a>
Jamestown Community College	<a href="http://www.sunyjcc.edu/sustainability">http://www.sunyjcc.edu/sustainability</a>
Junior Solar Sprint Buffalo	<a href="http://www.jssbuffalo.com">www.jssbuffalo.com</a>
Lake Erie Forum	<a href="http://www.lakeerieforum.org/">http://www.lakeerieforum.org/</a>
Lake Erie Seaway Trail Center	<a href="http://lakeerieseawaytrail.org/">http://lakeerieseawaytrail.org/</a>
League of Women Voters of Buffalo Niagara	<a href="http://www.lwvbn.org/">http://www.lwvbn.org/</a>
Learning Sustainability Campaign	<a href="http://www.learningsustainability.com/">http://www.learningsustainability.com/</a>
Local Initiatives Support Corporation	<a href="http://www.buffalolisc.org">http://www.buffalolisc.org</a>
Maddie's Pet Rescue Project	<a href="http://www.maddieseriecounty.org/">http://www.maddieseriecounty.org/</a>
Massachusetts Avenue Project	<a href="http://mass-ave.org/">http://mass-ave.org/</a>
Messinger Woods Wildlife Care and Education Center, Inc	<a href="http://www.messingerwoods.org">www.messingerwoods.org</a>
Nannen Arboretum	<a href="http://www.nannenarboretum.org/">http://www.nannenarboretum.org/</a>
National Buffalo Garden Festival	<a href="http://www.nationalgardenfestival.com">http://www.nationalgardenfestival.com</a>
Nature Conservancy-Central and Western New York Chapter	<a href="http://Nature.org/centralwestern">http://Nature.org/centralwestern</a>
Nature Ed-Ventures	<a href="http://www.natureed-ventures.com">www.natureed-ventures.com</a>
Nature Sanctuary of Western New York	<a href="http://nsswny.org/">http://nsswny.org/</a>
Net+Positive	<a href="http://www.netpositivefoundation.org">www.netpositivefoundation.org</a>
New York Farm Bureau	<a href="http://www.nyfb.org/">http://www.nyfb.org/</a>
New York Flora Association	<a href="http://www.nyflora.org/">http://www.nyflora.org/</a>
New York Forest Owner's Association	<a href="http://www.nyfoa.org">www.nyfoa.org</a>

New York Interfaith Power and Light	<a href="http://www.newyorkipl.org/">www.newyorkipl.org/</a>
New York Power Authority	<a href="http://www.nypa.gov">www.nypa.gov</a>
New York Public Interest Research Group	<a href="http://www.nypirg.org/">http://www.nypirg.org/</a>
New York State Association of Conservation Commissions	<a href="http://www.nysaccny.org/index.php">http://www.nysaccny.org/index.php</a>
New York State Ornithological Association	<a href="http://nybirds.org/index.html">http://nybirds.org/index.html</a>
New York State Outdoor Education Association	<a href="http://nysoea.org/">http://nysoea.org/</a>
New York State Parks	<a href="http://www.nysparks.com">www.nysparks.com</a>
New York State Sea Grant	<a href="http://www.seagrantsunysb.edu/">http://www.seagrantsunysb.edu/</a>
New York State Soil and Water	<a href="http://www.nys-soilandwater.org/">http://www.nys-soilandwater.org/</a>
New York State Sustainable Agriculture Working Group	<a href="http://www.ny-sawg.org/">http://www.ny-sawg.org/</a>
New York Upstate Chapter of the Green Building Council	<a href="http://www.greenupstateny.org/">http://www.greenupstateny.org/</a>
New York State Wetlands Forum	<a href="http://www.wetlandsforum.org">http://www.wetlandsforum.org</a>
Niagara County Farm Bureau	<a href="http://niagarafb.org/">http://niagarafb.org/</a>
Niagara County Landfill and Recycling	<a href="http://www.rethinkyourwaste.com/">http://www.rethinkyourwaste.com/</a>
Niagara County Parks	<a href="http://www.niagaracounty.com/Parks/">http://www.niagaracounty.com/Parks/</a>
Niagara County Soil and Water Conservation District	<a href="http://www.niagaraswcd.com">www.niagaraswcd.com</a>
Niagara Frontier Botanical Society	<a href="https://sites.google.com/a/niagarafrontierbotanicalsociety.org/niagara-frontier-botanical-society/home">https://sites.google.com/a/niagarafrontierbotanicalsociety.org/niagara-frontier-botanical-society/home</a>
Niagara Frontier Wildlife Habitat Council	<a href="http://www.nfwhc.org/">http://www.nfwhc.org/</a>
Niagara Heritage Partnership	<a href="http://www.niagaraheritage.org/">http://www.niagaraheritage.org/</a>
Niagara Restoration Council	<a href="http://www.niagararestoration.org/">www.niagararestoration.org/</a>
Niagara River Anglers Association	<a href="http://www.niagarariveranglers.com">http://www.niagarariveranglers.com</a>
Niagara River Greenway Commission	<a href="http://www.niagaragreenway.org">www.niagaragreenway.org</a>
Niagara University Sustainability	<a href="http://www.niagara.edu/green/">http://www.niagara.edu/green/</a>
Northeast Organic Farming Association of New York	<a href="http://nofany.org">http://nofany.org</a>

Oakmossed Education	<a href="http://oakmossed.com">http://oakmossed.com</a>
One Region Forward	<a href="http://www.oneregionforward.org/">http://www.oneregionforward.org/</a>
Partnership for the Public Good	<a href="http://www.ppgbuffalo.org">www.ppgbuffalo.org</a>
Paths, Peaks and Paddles	<a href="http://www.pathspeakspaddles.com">www.pathspeakspaddles.com</a>
Penn Dixie Paleontological and Outdoor Education Center Open Sat. 9am-4pm May-Oct. for fossil collecting	<a href="http://www.penndixie.org">www.penndixie.org</a>
Pfeiffer Nature Center (Portville)	<a href="http://www.pfeiffernaturecenter.org">www.pfeiffernaturecenter.org</a>
People United for Sustainable Housing	<a href="http://www.pushbuffalo.org">http://www.pushbuffalo.org</a>
Preservation Buffalo Niagara	<a href="http://www.preservationbuffaloniagara.org/">http://www.preservationbuffaloniagara.org/</a>
Primate Sanctuary	<a href="http://theprimatesanctuary.com">http://theprimatesanctuary.com</a>
Regional Councils NYS	<a href="http://regionalcouncils.ny.gov">http://regionalcouncils.ny.gov</a>
Reinstein Woods Nature Preserve	<a href="http://www.dec.ny.gov/education/1837.html">www.dec.ny.gov/education/1837.html</a>
Renew Erie County	<a href="http://reneweriecounty.org/">http://reneweriecounty.org/</a>
ReNU Niagara	<a href="http://www.niagara.edu/renu/">http://www.niagara.edu/renu/</a>
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	<a href="http://rarerehab.org/">http://rarerehab.org/</a>
Retree Western New York	<a href="http://www.re-treewny.org">www.re-treewny.org</a>
ReUse Action	<a href="http://reuseaction.com/">http://reuseaction.com/</a>
Roger Tory Peterson Institute	<a href="http://www.rtpi.org">www.rtpi.org</a>
Service Collaborative of WNY	<a href="http://www.tscwny.org/">http://www.tscwny.org/</a>
Sierra Club (Niagara Group of Atlantic Chapter)	<a href="http://newyork.sierraclub.org/Niagara">http://newyork.sierraclub.org/Niagara</a>
Slow Food Buffalo Niagara	<a href="http://www.slowfoodbuffaloniagara.org/">http://www.slowfoodbuffaloniagara.org/</a>
South Buffalo Alive	<a href="http://www.southbuffaloalive.com/">http://www.southbuffaloalive.com/</a>
SPCA serving Erie County	<a href="http://www.yourspca.org">www.yourspca.org</a>
Street Synergy	<a href="http://www.streetsynergy.org/">http://www.streetsynergy.org/</a>

SUNY Fredonia	<a href="http://www.fredonia.edu/gogreen/">http://www.fredonia.edu/gogreen/</a>
Sustainable Earth Solutions	<a href="http://www.sustainableearthsolutions.com">www.sustainableearthsolutions.com</a>
Tifft Nature Preserve	<a href="http://www.sciencebuff.org/tifft_nature_preserve.php">www.sciencebuff.org/tifft_nature_preserve.php</a>
Tuscarora Environmental Task Force	<a href="http://www.tuscaroraenvironment.com">http://www.tuscaroraenvironment.com</a>
21 <sup>st</sup> Century Park on the Outer Harbor	<a href="http://21stcenturypark.org/">http://21stcenturypark.org/</a>
UB Student Association Environmental Affairs	<a href="http://www.sa.buffalo.edu/environmental">http://www.sa.buffalo.edu/environmental</a>
UB Engineers for a Sustainable World	<a href="http://www.eng.buffalo.edu/esw">http://www.eng.buffalo.edu/esw</a>
UB ERIE Program	<a href="http://www.erie.buffalo.edu/">http://www.erie.buffalo.edu/</a>
UB Office of Sustainability	<a href="http://www.buffalo.edu/sustainability.html">http://www.buffalo.edu/sustainability.html</a>
UB Regional Institute	<a href="http://regional-institute.buffalo.edu/">http://regional-institute.buffalo.edu/</a>
UnwasteNY	<a href="http://www.unwasteney.org">http://www.unwasteney.org</a>
Urban Land Institute	<a href="http://newyork.uli.org/regional/">http://newyork.uli.org/regional/</a>
Urban Roots	<a href="http://www.urbanroots.org/">www.urbanroots.org/</a>
US Army Corps of Engineers-Buffalo District	<a href="http://www.lrb.usace.army.mil/">http://www.lrb.usace.army.mil/</a>
US Coast Guard-Boating Safety	<a href="http://www.wnyboatsafe.org/">http://www.wnyboatsafe.org/</a>
Voice-Buffalo	<a href="http://www.voice-buffalo.org/index.html">http://www.voice-buffalo.org/index.html</a>
Western Chapter New York Water Environment Association	<a href="http://nywea.org/">http://nywea.org/</a>
Western New York AmeriCorps (Service Collaborative)	<a href="http://www.tscwny.org/">http://www.tscwny.org/</a>
Western New York Earth Day	<a href="http://www.wnyearthday.org/">http://www.wnyearthday.org/</a>
Western New York Environmental Alliance	<a href="http://www.growwny.org/">http://www.growwny.org/</a>
Western New York Herpetological Society	<a href="http://www.wnyherpsociety.org/">http://www.wnyherpsociety.org/</a>
Western New York Hiking Trails and resources	<a href="http://www.wnyhikes.com">www.wnyhikes.com</a>
Western New York Land Conservancy	<a href="http://www.wnylc.org/">http://www.wnylc.org/</a>
WNY Nursery and Landscape Association (PLANT WNY)	<a href="http://www.wnysnla.org/">http://www.wnysnla.org/</a>



Western New York Science Congress	<a href="http://wnyssc.org/">http://wnyssc.org/</a>
Western New York Service Learning Coalition	<a href="http://www.wnyslc.org">www.wnyslc.org</a>
Western New York Stormwater Coalition	<a href="http://www.erie.gov/stormwater">www.erie.gov/stormwater</a>
Western New York Sustainable Business Roundtable	<a href="http://www.wnysustainablebusiness.org/">http://www.wnysustainablebusiness.org/</a>
Western New York Sustainable Energy Association	<a href="http://www.wnysea.com">www.wnysea.com</a>
West Side Ministries	<a href="http://www.westsideminstries.org/">http://www.westsideminstries.org/</a>
West Valley Citizen Task Force	<a href="http://www.westvalleyctf.org">www.westvalleyctf.org</a>
Wild Kritters	<a href="http://www.wildkритters.com/">http://www.wildkритters.com/</a>
Wild Ones, Native Plants and Natural Landscapes	<a href="http://www.wildonesniagara.org/">http://www.wildonesniagara.org/</a>
Wild Spirit Education	<a href="http://www.wildspirit.org/">http://www.wildspirit.org/</a>
Wind Action Group	<a href="http://www.buffalowind.org">http://www.buffalowind.org</a>
Working for Downtown	<a href="http://www.workingfordowntown.org/">http://www.workingfordowntown.org/</a>
World on your Plate	<a href="http://www.worldonyourplate.org/">http://www.worldonyourplate.org/</a>