

Enviro-News

January, 2016

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

Newsletter Contents:

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

Articles:

Paris Unfiltered

The Sierra Club Climate and Clean Energy Writers Group will meet on **Monday January 4** from 6 to 7:30 PM in the Alliance Room - 2nd floor of the Unitarian Universalist Church - 695 Elmwood at Ferry (Use the Garden Entrance). This month's session will feature Sandy Chelnov and UB Law students Alyssa Erazo and Andrea DiNatale who will tell of their experience at the Paris Climate talks. This event is free and open to the public. Contact billnowa@gmail.com for info.

Call For Citizen Scientists: Hemlock Woolly Adelgid Training

Do you enjoy the great outdoors and want to help protect it? Join the Roger Tory Peterson Institute in Jamestown on **Thursday, January 7th** at 6pm for a training session on the Hemlock Woolly Adelgid (HWA), an invasive insect that is threatening our local forests. Find out what damage this bug is causing, what is being done to combat this unwanted visitor and how you can get involved! Questions? Contact Elyse Henshaw, RTPI Conservation Technician, at ehenshaw@rtpi.org. This winter season we will have a series of field surveys in which the public is invited to join and work alongside Roger Tory Peterson Institute, Chautauqua Watershed Conservancy and Jamestown Community College researchers, conservationists and professors. As we all know, Western New York winter weather can be rather snowy and cold. Individuals interested in participating in surveys should be prepared for the weather with warm clothing and boots. Snow pants and snow shoes or cross country skis are highly recommended when snow pack is deep. Info at <http://rtpi.org/events-exhibits/upcoming-events/>

Classes for Wilderness and Outdoor Activities

Paths, Peaks and Paddles is offering several courses this winter to prepare you for outdoor activities. Their offerings include "Wilderness and Remote First Aid", "Introduction to Snowshoeing", and "Introduction to Kayaking". Several courses are offered in conjunction with Williamsville Community Education, but open to anyone. For dates, costs and registration, visit <http://www.pathspeakspaddles.com/events.php>

Certified Nursery and Landscape Professionals Day and Education Trade Show Conference

The annual Certified Nursery and Landscape Professionals Day and Education Trade Show Conference will be held on **Thursday, February 4 and Friday, February 5**. The event will be held at Salvatore's Italian Gardens Restaurant 6461 Transit Rd Depew. The Friday keynote speaker is Dr. Allan M. Armitage. Dr. Armitage is a perennial guru; author of several books including *Herbaceous Perennial Plants*, *Armitage's Garden Perennials* and *Armitage's Native Plants for North American Gardens*. For info, visit [conference](#)

Horticulture Classes at the Botanical Gardens

Get a jump on spring with horticulture classes at the Buffalo & Erie County Botanical Gardens. The classes are \$105 (members)/\$130 (non) for the series or may be taken for \$22/\$27 per class. Classes begin **February 20**. For a full listing, visit <http://www.buffalogardens.com/collections/adults/products/horticulture-iii-winter-2016>

Wild About You!

How do you treat your special someone? How about an intimate dinner for two on Valentine's Day at the Buffalo Zoo. Enjoy a candlelit dinner catered by Frontier Catering and be serenaded by a string quartet, while surrounded by our exotic animal collection. For \$150 per couple, you will enjoy a three-course dinner for two, wine, entertainment, a special gift, and personal visits from Zoo animals. Dinner will be served on **February 13 and 14**. Tickets can be purchased online [CLICK HERE](#) or by calling 716-995-6133. Seating is limited.

Arctic White Out 2016

Winter is cool as at the inaugural Arctic White Out on **February 18**, a fundraising cocktail party for the Buffalo Zoo at the Buffalo Niagara Convention Center. Take a break from your winter hibernation with some ice melting fun in the city. Enjoy a complimentary welcome cocktail and hors d'oeuvres provided by the Buffalo Niagara Convention Center. The event will also feature live music, dancing, a basket auction, and other wintry surprises. There is no better way to thaw out and support the Buffalo Zoo! Limited VIP tickets will be available for sale and include a VIP area with open bar from 6 - 8 p.m. Winter white attire is encouraged! [CLICK HERE FOR TICKETS](#). Please note: this is a 21 and older event. Sponsored by Try-It Distributing, MASH Urgent Care, and M&T Bank .

Erie County Rain Barrel Painting Contest Entries Now Open!

The Erie County Department of Environment and Planning is proud to announce the **2016 Rain Barrel Painting Contest** for schools and student-based community groups in Erie and Niagara counties in honor of Earth Day 2016! All are encouraged to enter as a team, either through a class or an after-school program. The team will design and paint a rain barrel provided by the Coca-Cola Bottling Company of Buffalo, Inc. for the theme, *Rain Barrels – Every Drop Counts!* The Coca-Cola Bottling Company of Buffalo, Inc. is awarding generous cash prizes for the three winning barrel designs at our annual Earth Day celebration in April, 2016. Student participants will also receive a prize pack from The Buffalo Sabres Green Team. All participating schools will receive their final painted rain barrels to use, donate or raffle as desired. We encourage teachers to incorporate environmental lessons in the classroom wherever possible on conserving resources, stormwater pollution prevention, and reusing materials for a sustainable planet. **This contest is limited to the first 50 entrants. Please register ASAP if you are at [Erie County Rain Barrel Painting Contest](#).**

Turn your old electronics into funds to support Camp Good Days & Special Times!

Sunnking, in partnership with Camp Good Days and Special Times, has created a program entitled E-Scrap for Camp to turn old electronics into funds to help improve the quality of life for children, adults and families whose lives have been touched by cancer. Business and organizations in the Buffalo and Rochester area are encouraged to sign up to collect electronics for a one week period during the month of March 2016. Sunnking will provide boxes to collect electronics, and will pick them up for free! For every pound recycled from your organization, a portion of the proceeds will be donated to Camp Good Days to fund future programs. The deadline to sign up your organization is **February 12, 2016**. Register at <http://www.sunnking.com/business/e-scrap-for-camp/>

Beerology

The Buffalo Museum of Science popular fundraiser "Beerology" is scheduled for **March 5, 2016** from 7 to 10pm. The event features beer tastings, lectures, homebrewing presentations, an exclusive VIP room, and more. Tickets are \$35 for members, \$40 for non-members and \$60 for VIP through January 31. All prices increase \$5 on February 1, so get your tickets early! [Learn More](#)

Environmental Excellence Awards Program

The Erie County Environmental Management Council (ECEMC) Environmental Excellence Awards Program recognizes exceptional projects carried out by municipal and non-profit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. The program is sponsored by the Erie County Environmental Management Council (EMC) and is designed to showcase and promote projects that can be replicated in communities across Erie County and beyond. If you represent a municipal government or non-profit organization in Erie County that has recently completed a project that has environmental benefits, we invite you to nominate your project for consideration in this year's Environmental Excellence Awards Program. Projects could be in the areas of Planning & Design, Land Use and Zoning, Natural Resource Protection, Air and Water Quality, Ecosystem Health, Energy and Transportation, Agriculture and Forestry, Solid Waste Management, Contaminated Sites, Community Action & Education, Climate Change or any other related subject area. Environmental Excellence Award nominations are due by **March 1, 2016**. Nominations are evaluated by a panel of reviewers from the ECEMC, with winners announced during Earth Week (April 2016). Please request an application from Bonnie Lawrence at Bonnie.Lawrence@erie.gov.

Save the Date: 2nd WNY Sustainable Business Expo

The WNY Sustainable Business Roundtable will hold their Sustainable Business Expo on **March 10** at Adam's Mark Hotel from 3-7:30pm. Exhibitor registrations are being accepted; this is a great opportunity to display your 'green' services and products to WNY businesses. If you are interested in exhibiting at the EXPO please [click here](#). The Keynote Speaker will be Andrew Winston, author of "The Big Pivot: Radically Practical Strategies for a Hotter, Scarcer, and More Open World".

Buffalo Bike Share

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

Climate Smart Communities - Compact of Mayors Challenge

The Compact of Mayors is a global coalition of mayors and city officials that have pledged to reduce greenhouse gas emissions and enhance resilience to climate change. President Obama has challenged all mayors to commit to a climate action and has set a goal of at least 100 U.S. cities signing onto the compact by the end of November. Two New York cities – New York City and Climate Smart Community Rochester – have already signed on. The Office of Climate Change encourages all Climate Smart Communities to consider joining the Compact. For more info, see <http://www.compactofmayors.org>.

Online Boating Safety Course Available

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

"Disruption"

"Disruption" explores the science, the shattered political process, the industry special interests and the civic paralysis that have brought us to our current climate disruption. The film takes us behind-the-scenes of efforts to organize the planet-wide climate rally during the UN World Climate Summit. We are living through an age of tipping points and rapid social and planetary change. We're the first generation to feel the impacts of climate disruption, and the last generation that can do something about it. The film enlarges the issue beyond climate impacts and makes a compelling call for bold action that is strong enough to tip the balance to build a clean energy future. View it at <http://watchdisruption.com/>

Food not Bombs

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

ReUse Action: Recycling Building Materials

ReUse Action seeks reclaimed building materials to sell at their retail location at 980 Northampton St., Buffalo. They also are interested in salvage opportunities. The store is open from 9am to 4pm on Tuesdays, Fridays and Saturdays. Visit <http://www.reuseaction.com/> for more info on materials available and sought.

Aquarium of Niagara Special Programs

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

NOFA-NY Conference in Saratoga Springs

In January 2016, NOFA-NY will hold its 34th Annual Organic Farming & Gardening Conference from **January 22-24** in Saratoga Springs. The theme for the conference—“Good Hard Work: Ecosystems, Economics, Energy & Equity”—honors farmers and farmworkers and the invaluable positive impact organic farming has on the world. To inspire thought and discussion, Rosalinda Guillen, executive director of Community to Community Development, will be the keynote speaker. Rosalinda is known for her efforts to build a broader base of support for rural communities and sustainable agriculture policies that ensure equity and healthy communities for farm workers. For conference agenda and registration, visit www.nofanyconference.org.

University at Buffalo’s 2016 Ecosystem Restoration Summer Workshops

The University at Buffalo (UB) is offering three summer workshops on topics related to stream restoration. Workshops are scheduled for June 2016 at UB’s North Campus in Buffalo, NY. Workshops offerings are: 1) Aquatic & Terrestrial Invasive Species Management (June 3); 2) Fundamentals of Stream Channel Design (June 6-7); and 3) Watershed Management Planning, Assessment, and Monitoring (June 8-9). Workshops are geared toward graduate students and environmental professionals. More info is available at <http://www.erie.buffalo.edu/trainingSummerCoursemainpage.php> and registration will be open in early 2016.

New Long-Term Extension of Wind and Solar Tax Credits

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

Power from Evaporation

Professor Ozgur Sahin at Columbia University has demonstrated that evaporating water can be used to generate power. This could open up the possibility of another form of renewable energy, which would be cheaper than solar and wind. Sahin’s team has used soil bacteria spores which expand, much like a muscle, when there is moisture in the atmosphere, and contract in drier conditions. When the spores are coating a flexible surface, the mechanical energy from their expansion and contraction can be converted into electricity using a coil and magnet. For more info, visit <http://bit.ly/1YGqeIG>.

United Nations Climate Change Interactive Guide

To accompany the COP 21 talks in Paris, the United Nations has published an interactive guide on the Framework Convention on Climate Change. This resource includes background on the science of climate change as well as a history of international policy and discussion of ongoing negotiations. Check it out at <http://bigpicture.unfccc.int/>.

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>.

“Nature is Speaking”

Check out the short films in the “Nature is Speaking” series. Celebrities have narrated the beautifully filmed pieces to raise awareness about our human impact on our environment and our reliance on nature. <http://www.conservation.org/nature-is-speaking/Pages/default.aspx>. Kevin Spacey’s “The Rainforest” is particularly well done.

Pacific Institute for Climate Solutions Offers Online Climate Courses

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

Hiking, Biking and More with ADK

Are you looking for others for hiking and/or biking trips or other ways to enjoy the outdoors? Check out the Adirondack Mountain Club calendar for events. Their current newsletter is available at [newsletter](#).

New Federal Toolkit Provides Guidance for Citizen Science Programs

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

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.

Educational Talks: Home Energy Savings

Willie A. Price is a certified N.Y.S. Minority Business Enterprise (MBE) that provides educational programming to businesses, schools and organizations. Their housing workshop: “Preparing Your Home for Winter” (The 2 Finger Approach to Energy Savings”) is a hands-on introduction of energy saving techniques that can be performed by the presentation attendants. They also offer “No Dream is Impossible”, a program which helps participants develop their own road map to building their self-esteem and self-awareness. The program population ranges from middle school youth to adults. For info, visit <http://www.willieapricespeaks.com/>

Free National Park Pass for Every 4th Grade Student

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

Bird App Available

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

Free Online Course Covers Drought in America and Actions to Conserve Water

National Environmental Education Foundation has recently launched a free online course devoted to helping the American public understand the science of drought and its impacts, today and in the future. To help the public respond, the course also provides actionable steps individuals can take to reduce their water usage. The course draws on the expertise of trusted agencies and organizations, including NOAA's National Weather Service and Climate.gov, the U.S. EPA's WaterSense program, the National Drought Mitigation Center, and NASA's Goddard Institute for Space Studies. The Dealing with Drought course can be found at: <https://www.udemy.com/dealing-with-drought/>.

NY Conservationist for Kids Features Green Chemistry Issue

The Fall 2015 *New York State Conservationist for Kids* issue explores three important concepts strongly linked to the future of our environment and natural resources: green chemistry, sustainability, and biomimicry. By understanding and using these concepts, we can take inspiration from nature and also help to protect it. It can be accessed at <http://www.dec.ny.gov/education/103670.html>.

Green Ribbon Schools Application Deadline Nears

Most participating state education authorities have winter submission deadlines for 2016 U.S. Department of Education Green Ribbon Schools (ED-GRS), with nominations due to ED by **Feb. 1**. Schools and districts should contact their [state education agencies](#). Schools, districts, and postsecondary institutions are only eligible if nominated by state authorities. Hearing from interested applicants may be helpful to those states considering participation. State education authorities can find updated [criteria](#) and other state implementation [guidance](#) on our website and may contact [U.S. Department of Education Green Ribbon Schools](#) for more information.

Teacher's Resources

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

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

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

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

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

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

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

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

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

[Living Schoolyard Month DIY Lake Science App](#)-Investigate freshwater ecosystems where you live with this new DIY Lake Science App from UC Berkeley's Lawrence Hall of Science, funded by the National Science Foundation. The field adventures include making a viewscope to look for underwater plants and animals and crafting a Secchi disc used in measuring water clarity. The app also includes indoor activities.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Contests and Awards

[Erie County Rain Barrel Painting Contest](#) for schools and student-based community groups in Erie and Niagara counties in honor of Earth Day 2016! All are encouraged to enter as a team, either through a class or an after-school program. The team will design and paint a rain barrel provided by the Coca-Cola Bottling Company of Buffalo, Inc. for the theme, *Rain Barrels – Every Drop Counts!* The Coca-Cola Bottling Company of Buffalo, Inc. is awarding generous cash prizes for the three winning barrel designs at our annual Earth Day celebration in April, 2016. Student participants will also receive a prize pack from The Buffalo Sabres Green Team. All participating schools will receive their final painted rain barrels to use, donate or raffle as desired. We encourage teachers to incorporate environmental lessons in the classroom wherever possible on conserving resources, stormwater pollution prevention, and reusing materials for a sustainable planet. Contest limited-register early.

[Nutrient Recycling Challenge](#)- The U.S. Environmental Protection Agency is partnering with pork and dairy producers, USDA, and environmental and scientific experts to host a competition to find technologies that can recycle nutrients from livestock waste and create valuable products. The Nutrient Recycling Challenge is seeking ideas for cost-effective technologies that extract nutrients (nitrogen and/or phosphorus) from cow or hog manure and concentrate them into a usable and potentially marketable form. Concept papers are due **January 15, 2016**.

[Global Goals Contest](#)- YSA challenges youth 25 and under to participate in our Global Goals contest by creating an illustration (photo, drawing, painting, or graphic) that shows how youth will “lead us to a better future”. Focus on ways that youth will take action ASAP (through Awareness, Service, Advocacy, and/or Philanthropy). Submit your entry below by **January 20, 2016**.

[President’s Environmental Youth Award \(PEYA\)](#) recognizes outstanding environmental projects by K-12 youth. Note extended deadline. Applications are **due by January 31, 2016**.

[Mapping Challenge for Great Lakes High School Students](#)-An opportunity for students to practice their mapping, science, and storytelling skills by participating in the Visualize Your Water Challenge. This initiative is seeking creative and compelling visualizations of nutrient related water quality. From a local stream to the entire watershed, high school students will be challenged to tell a story about nutrient pollution in their region, in creative and innovative ways. The competition opens on January 13. Read the Getting Started Guide for full details on the competition and start preparing your students today. (<http://arcg.is/1m8hmK5>) Deadline is **March 5**.

[Environmental Excellence Awards Program](#)-The Erie County Environmental Management Council (ECEMC) Environmental Excellence Awards Program recognizes exceptional projects carried out by municipal and non-profit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. If you represent a municipal government or non-profit organization in Erie County that has recently completed a project that has environmental benefits, we invite you to nominate your project for consideration in this year’s Environmental Excellence Awards Program. Please request an application from Bonnie Lawrence at Bonnie.Lawrence@erie.gov. Environmental Excellence Award nominations are due by **March 1, 2016**.

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

Grant and Scholarship Opportunities

[Great Lakes Research Consortium Small Grants Program](#) provides seed funding for new, cooperative projects that improve our understanding of, and/or management of, New York's Great Lakes basin. The program supports collaborative projects and grant awards can be used for preliminary research, project planning, as seed money for pilot projects that will lead to larger projects, or to support small-scale projects consistent with the priorities of NY's Great Lakes Interim Action Agenda. Deadline: **January 9**.

[The New York State New Farmers Grant Fund](#)- purpose is to provide grants to support beginning farmers who have chosen farming as a career and who materially and substantially participate in the production of an agricultural product on their farm. These grants will help farmers improve profitability resulting in the growth of agribusiness and the concomitant tax revenues within the state. **Deadline: January 22, 2016.**

[The Aquatic Invasive Species \(AIS\) Spread Prevention Program](#) will support projects that foster public education and outreach in water bodies with multiple small-bodied AIS that can easily be spread to uninvaded areas. Other projects eligible for this grant include the installation of decontamination stations and boat steward training programs in high priority areas. In addition, the grant is intended to foster collaboration and coordination among state agencies, municipalities, not-for-profits and educational institutions to minimize the harm invasive species cause to New York's environment, economy, and human health. **Deadline: January 29.**

[Partners for Places](#) is a matching grant program that improves U.S. and Canadian communities by building partnerships between local government sustainability leaders and place-based foundations. National funders invest in local projects developed through these partnerships to promote a healthy environment, a strong economy, and well-being for all residents. The proposal must be submitted by a team of at least two partners who are: (1) the sustainability director of a city (municipality) or a county and (2) the local, place-based foundation(s). **Deadline: January 29.**

[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 & Urban Waters Restoration Program](#)- seeks to develop community capacity to sustain local natural resources for future generations by providing modest financial assistance to diverse local partnerships focused on improving water quality, watersheds and the species and habitats they support. Projects include a variety of ecological improvements including: wetland, riparian, forest and coastal habitat restoration; wildlife conservation; community tree canopy enhancement; and/or water quality monitoring and stormwater management; along with targeted community outreach, education and stewardship. NFWF may use a mix of public and private funding sources to support any grant made through this program and priority will be given to projects that advance water quality goals in underserved communities. **Deadline: Wednesday, February 3, 2016.**

[Organic Farming Research Foundation Grants Program](#) is currently accepting research proposals. OFRF encourages farmers, ranchers, graduate students, early career researchers, veterans, and Extension personnel to consider applying. OFRF will fund projects up to \$15,000 for one year. Projects addressing the priority area of soil health and water management are eligible for \$20,000 to be spent over two years. **Deadline: February 8, 2016.**

[NOAA's Environmental Literacy Grants Program](#)-a competitive funding opportunity for education projects designed to strengthen the public's and/or K-12 students' environmental literacy to enable informed decision-making necessary for community resilience to extreme weather events and other environmental hazards. **Deadline: February 8, 2016.**

[Environmental Justice Collaborative Problem-Solving](#) (EJCPS) cooperative agreements will be awarded to local community-based organizations seeking to address environmental and/or public health concerns in their communities through collaboration with other stakeholders. Organizations are encouraged to have a connection between the proposed project activities and applicable neighborhood, local, city, or regional land use planning efforts. **Deadline: February 12, 2016.**

[Ryan Exline Memorial Scholarship](#)- Jamestown Audubon Society offers a \$500 scholarship to an area college-bound high school senior or JCC student who intends to pursue a Bachelor's degree in an environmental or related field. Deadline: **March 15th**.

[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**.

[Wells Fargo Clean Technology and Innovation Grant Program](#) funds projects and programs related to research and development for new and emerging clean technologies by working with universities, colleges, research institutes and laboratories as well as entrepreneur incubator, accelerator and business plan competitions. Beginning in 2014, the program will operate as a closed RFP, invitation only process where Wells Fargo engages specific institutions whose work aligns with our giving criteria. If you would like to submit a topic for consideration please email a brief description (150 words or less) to: environmental.affairs@wellsfargo.com

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

[VolunTEEN Nation International Service Project Grants](#)- Students (ages 13-22) from the United States going abroad to volunteer or study in a developing country are encouraged to apply for an international service-learning mini-grant from VolunTEEN Nation. Grants are for up to \$300 to create a service project in a developing country while you are visiting that country. **Deadline: Rolling**.

[KEEN Effect](#) is committed to inspiring responsible outdoor participation to help preserve the places we all play. Through the KEEN Effect, \$10,000 grants are awarded to nonprofit organizations around the world who are dedicated to responsible outdoor participation. Projects must increase responsible outdoor participation as a way to work towards building a strong community. **Deadline: Ongoing**.

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

[The Fruit Tree Planting Foundation](#) is dedicated to planting fruitful trees and plants to alleviate world hunger, combat global warming, strengthen communities, and improve the surrounding air, soil, and water. FTPF programs strategically donate orchards where the harvest will best serve communities for generations, at places such as community gardens, public schools, city/state parks, low-income neighborhoods, Native American reservations, international hunger relief sites, and animal sanctuaries. **Deadline: Rolling**.

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

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

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

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

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

[World We Want Foundation](#) is accepting applications from organizations that represent youth making positive social change in their communities and around the world. Grants of up to \$5,000 will be awarded to youth between the ages of 13 and 25 who want to make a difference through a range of social action activities, including community service projects, service-learning projects, and social ventures. Application deadline: Rolling.

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

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

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

[Cisco Global Impact Cash Grants](#) support nonprofit organizations in the U.S. and worldwide that provide assistance to underserved populations and leverage technology solutions to improve the reach, efficiency, and impact of services. Take the [Eligibility Quiz](#) to see if you can apply.

[Technical Assistance Grant Information](#)-The New York State Department of Environmental Conservation (DEC) is continuously accepting applications for Technical Assistance Grants (TAGs). TAGs are a citizen participation tool available to eligible community groups to increase public awareness and understanding of remedial activities taking place in their community. Eligible community groups may apply to receive grants for up to \$50,000 per site.

Employment and Internship Opportunities

[Spring Internships at Buffalo Niagara Riverkeeper](#)- Buffalo Niagara RIVERKEEPER is a community-based organization dedicated to protecting the quality and quantity of water, while connecting people to water. The Spring 2016 Internship term runs from January 25- May 7, 2016 (15 weeks). The commitment is 10-12 hours per week and hours are flexible. Deadline for applications, resumes, and recommendation letter: **January 3, 2016**.

[Policy Analyst at The Partnership for Public Good](#)- To do action research and policy advancement on equality, justice, and democratic practice issues facing Buffalo. The Partnership for Public Good (PPG) builds a more just, sustainable, and culturally vibrant community through action-oriented research, policy development, and citizen engagement. PPG provides research and advocacy support to a broad array of partners that share a community-oriented vision of a revitalized Buffalo-Niagara. Deadline: **January 31, 2016**.

[Environmental Analyst 1](#) – New York State Dept. of Environmental Conservation in Buffalo. Serves as project manager on permit applications/facilities, including interpretation of maps and plans, preparing written materials (letters, notices, SEQR documentation and permits), review of environmental impact statements, integration of environmental factors and other considerations into decision making. Deadline: **January 8, 2016**.

[Environmental Engineer](#) - New York State Dept. of Environmental Conservation in Buffalo. Primary duty will be regulation of Industrial and Municipal Wastewater SPDES permitted facilities. Deadline: **January 8, 2016**.

[Senior Project Manager at Buffalo Niagara Riverkeeper](#)-Responsible for project development and management in support of Buffalo Niagara Riverkeeper's mission including waterfront and watershed analysis, planning and design; habitat restoration; greenway and blueway trail development; public accessibility; green infrastructure design; site construction implementation; and post construction evaluation and monitoring. In addition, the Senior Project Manager will assist in duties related to grant development, graphic presentation, public outreach and communication. The Senior Project Manager will work closely under the supervision of the Director to: promote and enable healthy waterfront resurgence and watershed revitalization; encourage sustainable development; facilitate implementation of resilient living infrastructure systems; increase public access and enjoyment; and ensure habitat restoration and connectivity. Deadline: **January 8, 2016**.

[Community Liaison at Buffalo Niagara Riverkeeper](#)-Responsible for implementing and assisting Community Engagement initiatives in support of Buffalo Niagara Riverkeeper's mission of protecting and restoring our water while connecting people to water. In addition, the Community Liaison will assist in duties related to communications, marketing, and development. The Community Liaison will work closely under the supervision of the Director of Citizen Engagement and the Citizen Engagement Coordinator, among other staff members, to promote and direct Riverkeeper's many volunteers, tour participants, and event attendees to include cleanups, habitat restoration work, water quality data collection, paddling, biking, and hiking tours, tabling events, and home inspections for green infrastructure placements. Deadline: **January 8, 2016**.

[Water Quality Specialist at Buffalo Niagara Riverkeeper](#)-Responsible for implementing and assisting with water quality fieldwork and sampling for several Community Engagement initiatives in support of Buffalo Niagara Riverkeeper's mission of protecting and restoring our water while connecting people to water. Responsibilities include calibration and maintenance of equipment, inventory and purchasing of supplies, training volunteers and conducting water quality monitoring and stream visual assessments. Deadline: **January 8, 2016**.

[Excelsior Conservation Corps \(ECC\)](#) will be an AmeriCorps program run in partnership with the NYS Department of Environmental Conservation, the NYS Office of State Parks, Recreation, and Historic Preservation, the NYS Commission for National and Community Service, and the Student Conservation Association. There will be 50 ECC members in New York, all between ages 18 and 25. ECC members will be based at Morrisville State College and will all receive training and certifications in wilderness first aid, trail construction, stone and timber construction, carpentry, risk management and emergency response, outreach, and backcountry living. Over their 10 month commitment, members will sometimes stay at backcountry and satellite locations, where they will camp or stay in DEC or OPRHP cabins.

[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, Chautauqua County Department of Planning and Economic Development](#)

The Chautauqua County Department of Planning and Economic Development is currently seeking qualified applicants for the position of Junior Planner. Employees of this class are responsible for specific phases of moderately difficult planning projects or may be in charge of a phase of a complex study. Work performed involves office work and field assignments, including; researching, analyzing and developing planning programs, policy development and grant writing/administration in connection with municipal, regional, or community planning. Work is performed under the general direction of the Director of Planning and Economic Development. Supervision may be exercised over technical and clerical staff. This position will be filled on a provisional basis pending the outcome of a future dated Civil Service examination for this title.

Boat Steward/Environmental Educator (Park & Recreation Aide 5)- Approximately 15 positions available for seasonal appointment (May-September) including 1 Lead Boat Steward (De Veaux Woods State Park). Full time (40 hours/week). Work hours are Thursday- Sunday, 10 hours/day. Weekends and holidays are mandatory. Mandatory multi-day training will be held in late May. WNY locations include Cattaraugus Creek, Big Six Mile Creek, Buffalo Harbor, Fort Niagara and Wilson Tuscarora. Contact Megan.Phillips@parks.ny.gov or 518-402-5587 with any questions pertaining to the position. Deadline: **February 12 (lead position) or March 4, 2016**.

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.

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 agenda and see a list of working groups [here](#) .

Upcoming Community Activities:

Friday, January 1

Christmas Bird Count-Dunkirk- Contact Joanne Goetz p: 716-673-1627 e: goetz@netsync.net for details.

First Day Hikes: A Buffalo Harbor New Year!- 10:00 a.m. – 12:00 p.m. at Buffalo Harbor State Park. Celebrate the New Year at New York's "newest" state park! Tour Buffalo's historic waterfront as we pass towering grain elevators, lighthouses, nature preserves and much more. **For information and registration call (716) 549-1050.**

First Day Nature Hike: DeVeaux Woods State Park- 11:00 a.m. –12:30 p.m. Hike through an old growth woods to the Niagara Gorge Rim Trail to see the Whirlpool and rapids. **For information and registration call (716) 282-5154.**

First Day Hikes: Fort Niagara State Park- 1:30 p.m. – 4:00 p.m. and 2:00 p.m. – 3:00 p.m. Enjoy a walk along the Niagara River, see the War of 1812 cemetery, and view the lighthouse, fort (closed 1-1-16), and the site where POWs were held in WWII. Visit the Officers Club museum displays. **For information and registration call (716) 282-5154.**

First Day Big Tree Hike: Knox Farm State Park -11:00 a.m. – 1:00 p.m. Start your New Year off right with an invigorating hike through Knox Farm and visit the park's largest trees! **For information and registration call (716) 549-1050.**

First Day: Let's go to Niagara Falls!- 1:00 p.m. – 3:00 p.m. at Niagara Falls State Park. Join us for an afternoon stroll as we welcome the 1st day of the New Year at the falls! Stories will be told along the way in America's oldest state park! **For information and registration call (716) 282-5154.**

Hike For Your Health- 10 am. Hike Length: 1 hr. Meeting at Lillibridge kiosk, 1974 Lillibridge Rd. Portville. The trek is not an interpretive hike so stops will not be made along the trails. The hikes are free to the public and will take place rain or shine. Hikes however will be canceled if we are experiencing extreme weather conditions. RSVP's are not required. If you have any questions, please contact the administrative office at 716-933-0187 or by email to naturalist@pfeiffernaturecenter.org.

Saturday, January 2

Christmas Bird Count: Hamburg- Contact Tom O'Donnell p: 716-284-5569 e: tmodonnell@roadrunner.com for details.

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

Frosty Fun-2:00pm - 3:30pm at Tiff Nature Preserve. No matter what weather Mother Nature brings, we'll have frosty family fun. Join us for an afternoon of hands-on activities celebrating the wintry season. Preregistration required, all ages welcome! \$5 non-members, BMS Members save 10%. [register](#)

Zooper Saturday -Come in out of the cold, and warm up with your favorite animal friends in the M&T Bank Rainforest Falls exhibit at the Buffalo Zoo! Learn all there is to know about these exotic species from our keeper talks, feedings, enrichment activities and much more! 1 p.m. - 3 p.m. and the event is free with Zoo admission. For more information please call (716) 995-6133.

Niagara Rapids Birding – 8:30 to 10am. Join Buffalo Audubon Naturalist Tom Kerr for a morning birding walk at one of the best hot-spots to see winter gulls in North America. The Three Sisters Islands are closed for the season, but New York State Parks has given us special access to view the gulls and ducks that spend their winter in the rapids above Niagara Falls. Binoculars are available. Pre-registration is required. Donations. Meet at Lot 3. www.buffaloaudubon.org

Sunday, January 3

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

Basic Bicycle Wheel Maintenance-6:00 PM - 8:00 PM. 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. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Suggested donation is \$10 and limited to 10 people. Please RSVP to stacy@gobikebuffalo.org if you plan to attend.

Tuesday, January 5

“Merchants of Doubt” – 1:30pm at UU Church of Amherst, Film Screening hosted by UCA Women’s Study Group, Green Sanctuary and Green Cuisine. The 2014 documentary addresses global warming and industry tactics. 6320 Main St. Williamsville, NY 14221. Free and open to the public.

C-SAAHN ‘IMAGINE’ Tuesday Noon-Hour Lecture Series- Noon-Hour every Tuesday at the Downtown Public Library "Ring Of Knowledge" Area (just past Fable's Cafe). Free to the public. Noon - 12:45 P.M. "From Monet to Van Gogh: A History of Impressionism - Berthe Morisot" with discussion, 12:45 - 1:15 P.M. "From Monet to Van Gogh: A History of Impressionism - The Third Exhibition". The Great Courses Video #13 by Professor Richard Brettell, The University of Texas at Dallas. These videos and future discussions are in consideration of the Albright-Knox Art Gallery Exhibit "Monet and the Impressionist Revolution, 1860–1910" Sunday, November 15, 2015–Sunday, March 20, 2016.

Wednesday, January 6

GBNRTC-PCC Meeting- 9:30AM at NFTA Boardroom, 6th Floor, 181 Ellicott Street, Buffalo. Call 716 856-2026 for info.

Niagara District Green Code Meeting- 6:00 pm - 7:30 pm at West Side Community Services, 161 Vermont Street, Buffalo, NY 14213.

Thursday, January 7

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

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

Friday, January 8

Buffalo Geological Society Meeting- 7:30pm with featured speaker, Dino Zack discussing the “Fluorescent Minerals of NY”. Held at Parkside Lutheran Church, Depew and Wallace Streets, Buffalo. Open to the public. Over 500 of 4000 different minerals are known to fluoresce. Zack will discuss various types of mineral fluorescents including Northern NY collecting locations, specimens and types of luminescence including fluorescence, phosphorescence, triboluminescence, thermoluminescence, tenebrescence.

Buffalo Astronomical Association Meeting- At Williamsville North Planetarium @ 7 PM (NOTE: This is different than our typical 7:30 PM start) for a special event and General Meeting. Club member and Planetarium Director Mark Percy will take us on a guided journey through time and space – an ever popular club event to start the new year off with fanfare and starlight. www.Buffaloastronomy.com.

Saturday, January 9

Christmas Bird Count for Kids-9am to 1pm. A great way to introduce kids to birding and escape the post-Christmas blahs! Teams of kids compete to see who can find the most birds on 90-minute hikes at Reinstein Woods and other nearby sites. Binocular instruction and lunch provided. For more information call 716-683-5959. Register online at: www.reinsteinwoods.org/cbc4kids/.

Wildlife Close Encounters- 10:30 am-12:30pm. Do you find yourself riveted to every episode of the wildly popular television show “The Wildlife Docs”? Don’t miss Wildlife Veterinarian Dr. Karen Moran, Wildlife Veterinary Technician Beverly Jones and Wildlife Director Barb Haney from the SPCA Serving Erie County as they share first hand stories of real wildlife rescues. Wild animal ambassadors will also be on hand to greet you. Location: Portville Free Library 1 N. Main Street, Portville. Fee: \$7 per participant. Children must be accompanied by an adult. Reservations required through Pfeiffer Nature Center by 4 pm, January 7th. Sign up on the Programs Calendar at www.pfeiffernaturecenter.org or contact the office at 716-933-0187 Pfeiffer Nature Center where Science, Art & Nature come together.

Warm Up with the Cold Blooded-This fun animal event will take place in the Buffalo Zoo’s historic reptile house, with special programming and activities running from 11 a.m. until 4 p.m. Activities will feature some of the Zoo’s reptiles, amphibians, and other residents of the reptile house, and are free with regular Zoo admission. For more information, call (716) 995-6133.

Gardeners’ Give and Take- 10am at Urban Roots, 716.362.8982, info@urbanroots.org, 428 Rhode Island Street, Buffalo, NY 14213. Come join local gardeners, novice and expert for a lively discussion on all topics of gardening. Questions, solutions, failures and triumphs, come share your gardening experiences and aspirations. We’ll put on a pot of coffee, you join the discussion!

Building Soil/Using Water Wisely with David Clark – 2pm. Urban Roots/ Grass Root Gardens of Buffalo collaboration offer free workshops. As space is limited we ask that you sign up to attend any of the workshops/seminars. You can email us at info@urbanroots.org or call the store at 362-8982 to sign up. 428 Rhode Island Street, Buffalo, NY 14213. www.urbanroots.org

Hemlock Woolly Adelgid Survey- 9am. We will be surveying the Chautauqua Watershed Conservancy’s Elm Flats First Preserve located in the town of Chautauqua. We will meet on Lawson Road in front of the preserve to give instruction and then hike to the hemlock stand. For directions visit <http://chautauquawatershed.org/index.php/preserves/our-preserves> .

Winter Trails Event-Cross Country Ski- 10am to noon at Knox Farm State Park. The *Winter Trails* event is a wonderful way to discover the great fitness and sound benefits of winter sports. Bring your skis or call us for info on nearby inexpensive ski rentals. If there is no snow we will hike the trails. ***For information and registration call (716) 549-1050.***

Sunday, January 10

Maintaining your Bike through the Fall & Winter-6:00 PM - 8:00 PM. 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. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Suggested donation is \$10 and limited to 10 people. Please RSVP to stacy@gobikebuffalo.org if you plan to attend.

Snowshoe Walk at Knox Farm State Park – 1 to 3pm. Join us for a healthy walk around Knox Farm State Park. Bring your own snowshoes or rent them from us! This is a weather- dependent program. Pre-registration is required by calling Beaver Meadow, www.buffaloudubon.org. Please register by Saturday, January 9th. (KF) Donations. \$3 for snowshoe rental.

Monday, January 11

WNYEA Energy & Climate Change Working Group- 6pm. Meeting with Sierra Club Energy Committee. UU Church 695 Elmwood Ave. 2nd floor, Use side garden entrance. All are welcome to join us as we work for renewable energy solutions to climate change.

Tuesday, January 12

“Kankakee Sands—High Diversity Prairie and Savanna Restoration in NW Indiana” - Niagara Frontier Botanical Society General Meeting- 7:30 p.m. at the Harlem Road Community Center, 4225 Harlem Road, one block south of Main Street in Snyder. All General Meetings are open to the public and free of charge. Andrea Locke, our speaker, is Coordinator of the WNY Partnership for Regional Invasive Species Management (PRISM), based at the Great Lakes Center on the Buffalo State College campus. She has also worked for The Nature Conservancy in Indiana restoring sand prairie and black oak savanna ecosystems, and has worked on similar projects in Minnesota, Iowa, and Wisconsin.

C-SAAHN ‘IMAGINE’ Tuesday Noon-Hour Lecture Series- Noon-Hour every Tuesday at the Downtown Public Library "Ring Of Knowledge" Area (just past Fable's Cafe). Free to the public. Noon - 12:30 P.M. "From Monet to Van Gogh: A History of Impressionism - "Edgar Degas", The Great Courses Video #14 by Professor Richard Brettell, The University of Texas at Dallas. 12:30 - 12:45 P.M. - Discussion - 12:45 - 1:15 P.M. "From Monet to Van Gogh: A History of Impressionism - Gustave Caillebotte", The Great Courses Video #15. These videos and future discussions are in consideration of the Albright-Knox Art Gallery Exhibit "Monet and the Impressionist Revolution, 1860–1910".

Money in Politics Consensus Meeting-League of Women Voters at 6:30 p.m. at Harlem Road Community Center, 4255 Harlem Road, Amherst 14226.

Ellicott District Linwood Green Code Meeting- 5:30 pm at Saturn Club, 977 Delaware Ave, Buffalo, NY, 14209. To learn more about the Buffalo Green Code, please visit buffalogreencode.com.

Just Transition Meeting-5:30pm – 7:00pm at the American Legion Brounshidle Post #2 Upper Hall, 3354 Delaware Ave., Kenmore. The Huntley Coal Plant announced it will close in March 2016. Did you know that the Fossil Fuel Closure Fund was created by New York State to help towns like Tonawanda transition following the closure of a power plant? We must be prepared to tap into these funds. Join us at our next meeting to find out how YOU can take action to make sure our community is taken care of.

Wednesday, January 13

Confined Space Awareness Location-8am to 4pm, professional training. Protocol Restaurant, 6766 Transit Road, Williamsville, NY Workshop Faculty: Nellie J. Brown, MS, CIH, Director, Workplace Health and Safety Program Workshop Faculty: Worker Institute at Cornell University – ILR Contact Hours: 6.0 Wastewater, RTC 17812-16; Approved for 6.0 PDHs for Pes. Agenda and registration at <http://nywea.org/OpCert/uploads/TrainingCatalog.pdf>

Buffalo Ornithological Society Meeting- held at the Buffalo Museum of Science (1020 Humboldt Parkway, Buffalo, NY) at 7:00 pm. www.buffaloornithologicalsociety.org

Buffalo Talks: Resurrection of Broadway Sattler Theater- Noon to 1pm at Buffalo Central Library. Carl Paladino and Ellicott Development are partnering with WNY Minority Media Professionals to restore the 100 year old African-American Broadway Sattler Theater at 512 Broadway. The restored theater will provide opportunities for young people, black and white, as a center not only for entertainment but also media production. Free, but reserve your spot and/or reserve \$10 lunch at link. [link](#).

Money in Politics Consensus Meeting-League of Women Voters -12:30 p.m. at LWVBN League Office 1272 Delaware Avenue, Buffalo 14209.

Niagara District Green Code Meeting: Grant St. Focused- 6:00 p.m. at Grant St. Neighborhood Center 271 Grant St., Buffalo, NY 14213.

Thursday, January 14

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

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

Friday, January 15

Hemlock Woolly Adelgid Survey-1pm. We will be surveying the Chautauqua Watershed Conservancy's Dobbin's Woods Preserve located in the town of Ashville. We will meet at 12:30pm in the RTPI parking lot for those interesting in carpooling, and will meet on-site at 1pm in the preserve parking lot. Visit <http://chautauquawatershed.org/index.php/preserves/our-preserves> for directions.

Saturday, January 16

Family Snowshoe Walk-10:30am. Bring the family out for a fun walk to look for signs of wildlife. Snowshoe rental \$5/person; \$2/person for Friends of Reinstein Woods members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Birding 101: Class #1-2:30pm. Join this bird identification adventure, which includes instruction on using binoculars. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Winter Tunneling – 10am to noon. Where have all the rodents gone? - Let's dig into the why and how animals survive winter's worst by staying below the snow. We will learn by doing. Pre-registration required. Beaver Meadow Audubon Center. \$5. www.buffaloudubon.org

Junior Audubon Club: Niagara Falls Birding – 10am to noon. Join Naturalist Tom Kerr and the Junior Audubon Club for our monthly birding adventure at Niagara Falls State Park to see the ducks and gulls that spend their winter at the largest waterfall in the world. We'll learn about what attracts them and how they survive the icy cold winter. Binoculars are available and spotting scopes are provided. Free for kids of all ages. Pre-registration is required. Meet at Goat Island Lot #3. Donations. www.buffaloudubon.org

Animal Tracks Galore!- 1:00 p.m. – 3:00 p.m. at Bonds Lake County Park. Learn about tracks at this indoor/outdoor program. Make an animal track plaster cast, participate in track activities and play animal track bingo. Take a walk to look for various tracks. Program sponsored by Bonds Lake Nature Center and New York State Parks. *For information and registration call (716) 282-5154.*

Organic Gardening and Pest Management with David Clark- 2pm. Urban Roots/ Grass Root Gardens of Buffalo collaboration offer free workshops. As space is limited we ask that you sign up to attend any of the workshops/seminars. You can email us at info@urbanroots.org or call the store at 362-8982 to sign up. 428 Rhode Island Street, Buffalo, NY 14213. www.urbanroots.org

Winter Birding Along the Niagara- 10:00am – 12:30pm at Beaver Island State Park. Exploring various habitats in search of unique winter birds. Please bring binoculars if you have them. Snowshoes and binoculars will be available. Fee: \$7.00 member / \$10.00 non-member <http://earthspiritedu.org/events.html>

Delaware District Green Code Meeting-12:00 pm at Buffalo Seminary, 205 Bidwell Parkway, Buffalo, NY 14222.

Sunday, January 17

Snowshoe & Cross-Country Ski Rental at Reinstein- January 17, 24, and 31 from 1:00-4:30 p.m. Weather permitting, Friends of Reinstein Woods will offer rentals on these dates on a first-come, first-served basis. See www.reinsteinwoods.org/explore/hours for more details.

Bike Crafts- 6 to 8pm. Come have some fun and get creative with us. Learn how to make unique bikecentric jewelry, home décor, and more. All classes are held at the GOBike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Suggested donation is \$10 and limited to 10 people. Please RSVP to stacy@gobikebuffalo.org if you plan to attend.

Niagara's Nature-11:30 a.m. – 3:30 p.m. at Reservoir State Park. If you are sledding or ice skating, stop in the warming pavilion to learn about the wildlife found in the Niagara Region. If winter activities are not available due to weather conditions then this display will not be available. ***For information and registration call (716) 282-5154.***

Beginner Acrylic Painting at Beaver Meadow Audubon Center– 2 to 4pm. Join local art teacher Ryan Larson for a workshop on Acrylic Painting. Participants will learn techniques for painting a nature scene as a group. Brushes, paint, and canvas will be provided. Space is limited to 20 people, and registration is required by Thursday, January 14th. (BM) \$35 Adults (all materials included). www.buffaloudubon.org

Monday, January 18

Little Tykes Mini Nature Camp-9:30am - 11:30am at Tifft Nature Preserve. Contact 716.825.6397. Nature story-time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! Pre-registration required for ages 3-5. \$8 per child with adult, \$4 additional child with same adult. BMS Members save 10%.

BYO Skis Tour-10:30am - 12:00pm at Tifft Nature Preserve. Contact 716.825.6397. Bring your own cross country skis for a guided ski tour of the trails! Tifft offers five miles of beautiful nature trails abounding with wildlife - come experience it. Weather permitting, for experienced skiers. Pre-registration required, ages 18+. \$5 Non-Members. BMS Members save 10%.

Tuesday, January 19

Niagara River Greenway Committee Executive Committee Meeting and General Meeting-2:00pm and 3:00pm at Community Room Building on the Grand Island Nike Base, 3278 Whitehaven Road, Grand Island, NY 14072. Public welcome.

C-SAAHN 'IMAGINE' Tuesday Noon-Hour Lecture Series- Noon-Hour every Tuesday at the Downtown Public Library "Ring Of Knowledge" Area (just past Fable's Cafe). Free to the public. Noon - 12:30 P.M. "Tocqueville and the American Experiment - Are Democracy and Excellence Compatible?" The Great Courses Video #23 by Professor William R. Cook, State University of New York at Geneseo. 12:30 - 1:00 P.M. Speaker - Ken Kozaczka, Olmsted Tour-wand Creator.

Wednesday, January 20

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

Niagara District Green Code Meeting-6:00 pm - 7:30 pm. Richmond-Summer Center, 335 Summer Street, Buffalo, NY 14222.

Citizens' Regional Transit Quarterly Meeting-United Way, 742 Delaware Ave., Buffalo. The results of the CRT "Transit Revolution" petition will be announced. Guest speaker, Kelly Dixon of the Greater Buffalo Niagara Regional Transportation Council will discuss implementation steps for the recently concluded "One-Region-Forward" initiative focusing on transportation elements. 5:30 - 6:30 p.m., doors open at 5:00 p.m. FREE AND OPEN TO THE PUBLIC.

Erie County Water Quality Committee Meeting-1:30 PM at Erie County Fire Training Center, Room 114, 3359 Broadway, Cheektowaga, NY 14227.

Thursday, January 21

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

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

Friday, January 22

Greater Niagara Fishing and Outdoor Expo- Speakers, seminars and exhibitors for the whole family. 101 Old Falls St. Niagara Falls, 14303. Free parking nearby. <http://niagarafishingexpo.com/> 1 pm - 9 pm.

Saturday, January 23

Stories in the Woods-10:30am. Enjoy hearing a nature story, followed by a guided walk in the woods. For children ages 3 to 7. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Boy Scouts Weather Merit Badge – 10am to 3pm. Learn about meteorology, the science of weather. Dive into learning about the ocean of air that is our dynamic atmosphere. From Pollution to identification of clouds, to the “why” of wind, rain, lightening and hail to extreme weather causes. High pressure, low pressure, warm front, cold front and how we use them to predict the weather. Come and let’s explore. Pre-requisites are 8a and 9b. Pre-registration required. (BM) \$12 per scout.

Snowy Owl Irruption – 3 to 5pm. Join Naturalist Tom Kerr for a talk about the Snowy Owls that have made their way to our area over the past few years. Learn about why they have been showing up in such unusual numbers, and then take a quick drive to look for a local Snowy Owl near Beaver Meadow. Binoculars and Spotting Scopes will be provided. Pre-registration is required. (BM) \$5.
www.buffaloudubon.org

Moonlight Snowshoe Walk – 6 to 8pm. Join us for an evening stroll by the light of the full moon. Bring your own snowshoes or rent a pair from us! The walk will end with a cup of hot cocoa inside our toasty nature center. This is a weather dependent program. Pre-registration is required. (BM) \$5; add \$3 for snowshoe rental. www.buffaloudubon.org

21st Annual Winter Trails-11:00 a.m. – 1:00 p.m. at DeVeaux Woods State Park. Join us for a snowshoe demonstration and walk through the field and old growth habitats of this park. Snowshoes will be provided. If there is no snow we will hike the trails. *For information call (716) 282-5154.*

Martin House at the Movies: Rosenwald-11:30-1:30 PM at North Park Theater (1428 Hertel Avenue, Buffalo, NY). Join the Martin House for an afternoon matinee at the North Park Theatre for a special screening of *Rosenwald* – a documentary film that tells the extraordinary story of Julius Rosenwald, one of the most successful American businessmen of the early 20th century and an influential philanthropist who provided funding to improve the quality of public education for African Americans in the rural South during the period of Jim Crow. Tickets available for purchase at the North Park Theatre box office on day of the program. \$7.50 | \$7 Martin House Members (with membership card). www.darwinmartinhouse.org

Winter Fairy Houses-2:00pm - 04:00pm at Tifft Nature Preserve. Where do fairies go in the winter? To Tifft of course! We'll make outdoor fairy houses using real, natural materials found on the trail, along with an indoor fairy craft you'll be able to take home. Please dress to be outside. Preregistration required, all ages welcome! \$6 non-members, BMS Members save 10%. <http://www.tifft.org/tifft/jevents-list-by-week/icalrepeat.detail/2016/01/23/336/-/winter-fairy-houses>

Gardeners' Give and Take- 10am at Urban Roots, 716.362.8982, info@urbanroots.org, 428 Rhode Island Street, Buffalo, NY 14213. Come join local gardeners, novice and expert for a lively discussion on all topics of gardening. Questions, solutions, failures and triumphs, come share your gardening experiences and aspirations. We'll put on a pot of coffee, you join the discussion!

Greater Niagara Fishing and Outdoor Expo- Speakers, seminars and exhibitors for the whole family. 101 Old Falls St. Niagara Falls, 14303. Free parking nearby. <http://niagarafishingexpo.com/> 9 am - 9 pm.

Olean Outdoor Show -10-5 pm. Good Times of Olean, 800 R. East State Street, Olean.

Hemlock Woolly Adelgid Survey- 9am. We will be surveying the Chautauqua Watershed Conservancy's Cassadaga Creek Preserve located in the town of Stockton. We will meet at the end of Bloomer Road to give instruction and then hike to the hemlock stand. For directions visit <http://chautauquawatershed.org/index.php/preserves/our-preserves>.

Sunday, January 24

Snowshoe & Cross-Country Ski Rental at Reinstein- January 17, 24, and 31 from 1:00-4:30 p.m. Weather permitting, Friends of Reinstein Woods will offer rentals on these dates on a first-come, first-served basis. See www.reinsteinwoods.org/explore/hours for more details.

Fix a Flat- 6:00 PM - 8:00 PM. Learn the ins and outs of fixing a flat. Includes hands on instruction on tube patching and tube and tire removal and reinstallation. We will also discuss different types of punctures as well as flat prevention. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Suggested donation is \$10 and limited to 10 people. Please RSVP to stacy@gobikebuffalo.org if you plan to attend.

Greater Niagara Fishing and Outdoor Expo- Speakers, seminars and exhibitors for the whole family. 101 Old Falls St. Niagara Falls 14303. Free parking nearby. <http://niagarafishingexpo.com/> 9 am - 5 pm.

Olean Outdoor Show- 10am to 4pm. Good Times of Olean, 800 R. East State Street, Olean.

Chautauqua Lake Cross-Country Ski-10:00 a.m. – 12:00 p.m. at Long Point State Park. This park offers a first class trail system with great views of Chautauqua Lake. So bring along your cross country skis for a special guided tour. *For information call (716) 549-1050.*

Full Wolf Moon Mosey- 6:00pm - 07:30pm. Contact 716.825.6397. Come howl at the full moon! Enjoy the sights and sounds of a winter's night on a guided hike around Tiff Nature Preserve by moonlight. Pre-registration required, ages 18+. \$5 Non-Members. BMS Members save 10%. Snowshoe rentals additional \$2 per person, weather permitting.

Snowshoe Walk at Knox Farm State Park – 1 to 3pm. Join us for a healthy walk around Knox Farm State Park. Bring your own snowshoes or rent them from us! This is a weather dependent program. Pre-registration is required by calling Beaver Meadow. Please register by Saturday, January 23rd. (KF) Donations. \$3 for snowshoe rental. www.buffaloudubon.org

Monday, January 25

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

“Merchants of Doubt” – 7pm at UU Church of Amherst, Film Screening hosted by UCA Women's Study Group, Green Sanctuary and Green Cuisine. The 2014 documentary addresses global warming and industry tactics. 6320 Main St. Williamsville, NY 14221.

Ellicott District Downtown Green Code Meeting-5:30 pm - 7:00 pm at Buffalo Place, 671 Main Street, Buffalo, NY 14203. Please plan on attending one of the upcoming Buffalo Green Code meetings hosted by the Common Council. The meetings will provide the opportunity for attendees to ask questions and discuss the Green Code. To learn more about the Buffalo Green Code, please visit buffalogreencode.com.

Tuesday, January 26

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

C-SAAHN 'IMAGINE' Tuesday Noon-Hour Lecture Series- Noon-Hour every Tuesday at the Downtown Public Library "Ring Of Knowledge" Area (just past Fable's Cafe). Free to the public. Noon - 12:30 P.M. "IMAGINE Greater Buffalo: Imagine 'Milestones of Science' & STEM + The Arts = The STEAM TEAM", Noon - 12:30 P.M. "Science Wars: What Scientist Know and How They Know It: 17th Century - Competing Visions of the Scientific Method", The Great Courses Video #2 by Professor Steven L. Goldman, Lehigh University. 12:30 - 1:00 P.M. Discussion - Co-sponsored by WNY STEM Hub.

Full Moon/Snowshoe Hike- 6pm. Join us for a "Full/Moon" snowshoe hike out at Bond Lake. If there is no snow we will still hike and explore the trails. Meet in the back parking lot out at Bond Lake at 6:00PM Sharp! Dress appropriately for the weather. Bring water with you. There is no cost if you have your own snowshoes & poles. If you do not have snowshoes contact us for rentals. Snowshoe rental with poles is \$15.00 pp. If there is no snow we will still hike. But be aware that the trails may be muddy. If you have never been on snow shoes this is the time to come out and try it. This is a great evening adventure with plenty of guidance from Guides and Instructors. Instructors and NYS Licensed Guides will accompany you on this hike. For further information or directions call 716-213-0350 or pppinfo@pathspeaksaddles.com.

Wednesday, January 27

Clean Air Coalition Annual Meeting-5:30pm – 7:00pm at United Way of Buffalo & Erie County, 742 Delaware Ave, Buffalo, NY 14209. Come to our annual meeting! Dues-paying members of the organization will vote to approve the slate of new members of the board of directors, updates will be given, and fun will be had!

West Valley Citizen Task Force Meeting- 6:30 - 9:00 p.m. at Ashford Office Complex, 9030 Route 219, West Valley, NY.

Thursday, January 28

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

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

Niagara District Green Code Meeting: Niagara St. Focused-6:00 p.m. at Niagara Branch Library 280 Porter Ave., Buffalo, NY 14213 <http://www.buffalogreencode.com/event/niagara-district-green-code-meeting-5/>.

Delaware District Green Code Meeting- 6:00 pm - 8:00 pm at North Buffalo Community Center 203 Sanders Road, Buffalo, NY 14216.

“New Horizons to Pluto: Mission Design and Science Results”- Kevin Williams, Associate Professor at Buffalo State College, an illustrated presentation in the auditorium of the Gateway Executive Office 3556 Lake Shore Rd., Blasdell, NY. \$5/person, Penn Dixie members FREE. No pre-registrations required. www.penn Dixie.org

Beginning Farmer Discussion Group: Budgeting 101- 6:00 PM - 8:00 PM. Join the Beginning Farmer Discussion Group in the Auditorium at the Printshop (formerly the CCE Farm & Home building) on the Roycroft campus in East Aurora. Free. Contact Megan Burley, Farm Business Management Educator at msb347@cornell.edu, (716)652-5400 x138. [info](#)

Friday, January 29

International Puzzle Day - Spend part or all of the day at Beaver Meadow Audubon Center celebrating International Puzzle Day! Friday will focus on jigsaw puzzles - bring your own or borrow one of ours. Birds and nature, Western New York landmarks and art from local and international collections are just a few of the subjects of the puzzles we will have on hand. (BM) All activities are free and open to all ages, but donations are always welcome. Fri 12-4pm & Sat 10am-4pm.

Saturday, January 30

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

International Puzzle Day - Spend part or all of the day at Beaver Meadow Audubon Center celebrating International Puzzle Day! Friday will focus on jigsaw puzzles - bring your own or borrow one of ours. Birds and nature, Western New York landmarks and art from local and international collections are just a few of the subjects of the puzzles we will have on hand. On Saturday we will expand the scope to include crosswords, Sudoku, and live trivia and quiz competitions. (BM) All activities are free and open to all ages, but donations are always welcome. Fri 12-4pm & Sat 10am-4pm.

Buckhorn Island Birding – 9am to noon. Join Naturalist Tom Kerr for a winter birding hike along the river. The Niagara River hosts one of the biggest congregations of waterfowl in North America and is home to thousands of gulls, ducks, geese, and swans. Binoculars are available and spotting scopes are provided. Meet at Woods Creek Canoe Launch parking lot on East-West Park Road. Donations.
www.buffaloudubon.org

Niagara Ice Bridges-10:00 a.m. – 11:30 a.m. at DeVeaux Woods State Park. This is the time of year when ice forms in the Niagara River. Join us for a presentation and learn about this ice formation that we see most winters, yet attracted people to experience it much differently in years gone by! ***For information and registration call (716) 282-5154.***

Snowshoe Adventure Hike #1- 10:00am – 12:30pm at Aurora Town Park, West Falls. A moderately challenging hike through open fields and mature forests focused on snowshoeing skills and general ecology. Snowshoes provided. Fee: \$7.00 member / \$10.00 non-member <http://earthspiritedu.org/events.html>

Night in the Wild Family Sleepover-5:00pm - 09:00am at Tiff Nature Preserve. Celebrate winter with an indoor family sleepover! Guests will enjoy indoor nature activities, live animals, stories by candlelight, crafts, games, and a guided night hike in the wilderness. Pizza, snacks, and hot chocolate will be offered in the evening, plus a continental breakfast in the morning will be served. Preregistration required by January 25, ages 5+. \$27 non-members, BMS Members save 10%. [register](#)

Hydrangeas and Hostas with David Clark - 2pm. Urban Roots/ Grass Root Gardens of Buffalo collaboration offer free workshops. As space is limited we ask that you sign up to attend any of the workshops/seminars. You can email us at info@urbanroots.org or call the store at 362-8982 to sign up. 428 Rhode Island Street, Buffalo, NY 14213. www.urbanroots.org

Sunday, January 31

Snowshoe & Cross-Country Ski Rental at Reinstein- January 17, 24, and 31 from 1:00-4:30 p.m. Weather permitting, Friends of Reinstein Woods will offer rentals on these dates on a first-come, first-served basis. See www.reinsteinwoods.org/explore/hours for more details.

Basic Bicycle Wheel Maintenance-6:00 PM - 8:00 PM. 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. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 6pm-8pm. Suggested donation is \$10 and limited to 10 people. Please RSVP to stacy@gobikebuffalo.org if you plan to attend.

Snowshoe Hike at the Erie County Forest-Come out and join us for a snowshoe hike at one of our favorite spots! 11:00 am at the Erie County Forest, Genesee Road in Sardinia, NY. \$25.00 Includes rental of Snowshoes, Poles, Snacks, Hot Drinks & Lots of FUN in the Woods. If you have snowshoes the cost is \$15.00 to include your snacks in the Woods. Reservations are a must for anyone who wishes to attend. You can to reserve your spot online at: <http://pathspeakspaddles.com/store/index.php?cPath=50>

Tips for the Environment:

1. **Time for Resolutions-** Most of us have calculated our environmental footprint using one or more of the available online calculators. Checking your footprint periodically helps as you set your priorities. Start off 2016 by estimating your footprint at <http://www.earthday.org/footprint-calculator> and then consider a resolution to target an area of impact for reduction ([ideas](#)).
2. **Reuse and recycle your Tips for the Environment-**we are probably all using CFL bulbs, recycling regularly and engaging in lots of earth-friendly behaviors. If you have tips to share, please send them to me to include. I will be updating the archived list on our new website.

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

The New Year is the time to create new resolutions for 2016 that will not only make your life cleaner and greener, but give the environment an eco-friendly boost. Learn to recycle something new. You may already put glass, paper, and aluminum in the proper containers, but what about all the other items that you can [recycle](#)? All computers, DVD players, televisions, compact fluorescent light bulbs and cell phones should be recycled, so that the metals can be disposed of correctly or even reused.

Plastics - Don't forget to remove bottle caps. They are made of a different type of plastic and can blight the whole batch. Return plastic bags to stores. Many stores accept them including Home Depot and Wegmans.

Glass and metal - Rinse out bottles, jars, and cans; throw away (or recycle) caps. Don't worry about labels — they'll burn off at the plant. Include washed pie tins and foil, metal bottle caps, wire coat hangers and scrap metal.

Furniture - Don't make the dump your first stop. One person's trash is another's treasure - so when you want to discard an old item, first advertise it at freecycle.org, Craigslist, or a thrift store that does pickups. I often place used items at my curbside and they are usually picked up by someone within the hour.

Cans - Have your children collect aluminum cans and plastic bottles to redeem for cash to spend on a treat, or pass the items along to one of the people who you may see scouring the neighborhoods for returnable items.

Reuse -If you can don't buy anything new - use items you already have. Donate that "stuff" clogging up your closets that you don't use. Clutter creates confusion and is unhealthy for you.

Keep it simple -The most popular advice for keeping resolutions is easy. Look at small changes you can make to reach your long term goals, like adding 30 minutes of walking or bike riding to your daily routine.

Errands - Combine your separate errands - bank, grocery, drugstore, cleaner's, etc. - into one trip. Form carpools with others to get to and from work or school, it cuts fuel costs.

Video games -Have the children turn them off after they are done playing. If you are away from your computer for more than 20 minutes, change it to "sleep" mode and before going to bed plug your devices - the TV, DVD player, computer and printer - into a UL - certified power strip and switch the whole group off and you will automatically lower your electric bill.

Paper -Whether in your work or home office, go paperless. Filing documents electronically and using a scanner and paper shredder means a huge drop in wasted paper - plus it is easier to store and review important bills when you need them. If you can, work from home, you will save money, time, and carbon emissions by not having to commute or buy lunch.

Quit smoking – yes, I said it - Cigarettes are bad for your personal health and they are a huge source of litter - plus there is nothing eco-friendly about the pesticides, deforestation, paper use, and waste output of cigarette production. If you're ready to quit, replace the habit with exercise, or snacks of fresh organic veggies.

Get involved - there's a lot to be said for getting out of your house and focusing your energy on others-or on the environment. Volunteer in your community it will bring joy to your heart.

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

GROW WNY: Local Website for Everything Environmental

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

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

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

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

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

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

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

<http://buffalorising.com>

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

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

Additional local blogs and websites-

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

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

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

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

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

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

Buffalo Green Fund-<http://www.buffalogreenfund.org/>

Canning Tips for Food Preservation- <http://www.motherearthnews.com>

Campaign for Buffalo History, Architecture and Culture- <http://greaterbuffalo.blogs.com/>

Chirps and Cheeps Bird Blog- <http://www.chirpsandcheeps.com/>

Daily Public- <http://www.dailypublic.com/>

Dept. Environmental Conservation Calendar- <http://www.dec.ny.gov/calendar/>

DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>

Edible Buffalo- <http://ediblebuffalo.wordpress.com/>

Erie Cattaraugus Rail Trail- <http://www.ecattrail.org/>

Fix Buffalo- <http://fixbuffalo.blogspot.com/>

Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>

GBNRTC-<http://www.gbnrtc.org/blog/>

Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>

Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>

Learning Sustainability Campaign- <http://www.learningsustainability.com/>

Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>

Reuse Action-<http://reuseaction.com/blog/>

Rochester Environment- <http://www.rochesterenvironment.com/>

WNY Enviro- <http://groups.yahoo.com/group/WNY-ENVIRO/>

Outdoors Niagara- <http://www.outdoorsniagara.com/>

Environmental Tips- <http://www.globalstewards.org/ecotips.htm>

Good Neighborhood- <http://thegoodneighborhood.com/>

Buffalo Architecture and History- <http://www.buffaloah.com/>

Richardson-Olmsted <http://www.richardson-olmsted.com/>

Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029

All about Nature- <http://www.meetup.com/All-About-Nature-in-WNY/>

Black Dog Rescue- www.blackdogsecondchance.org

Peace Weavers- <http://peaceweavers.org/>

Eco-Island Nature Center- www.k12.ginet.org/resources.cfm?subpage=6518

NY Sport Fishing- <http://www.fishny.com/>

Erie Canal Trailway- www.ptny.org/bikecanal

Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>

Rochester Roots-<http://www.rochesterroots.org/>

SOLE of Buffalo- <https://www.facebook.com/pages/SOLE-of-Buffalo/242409525795420>

New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>

South Buffalo CREW- <http://www.southbuffalocrew.com/>

U Save Buffalo/Recycling- <http://www.facebook.com/USaveBuffalo>

We Love Outdoors-<http://www.weloveoutdoors.com/>

WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>

Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>

Green Jobs, Internships and Opportunities

Environmental Internships-<http://environmentalinterns.ncseonline.org/>

Green Jobs- <http://www.greatgreencareers.com> , <http://www.greenjobs.com/>

UB Green Job list- <http://www.ub-careers.buffalo.edu/green.php>

Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

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](#)

New York State Resources

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

Youth Summer/Holiday Camps/Home School Series

www.buffaloaudubon.org

www.buffscience.org

www.tifft.org

www.buffalozoo.org

www.penndixie.org

Grant Opportunities

<http://assembly.state.ny.us/gan/>

www.wnygrantmakers.org/

www.grantstation.com

www.grantwatch.com

www.grantwrangler.com

www.grantsalert.com

<http://www.glrppr.org/funding/>

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

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

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

Busti Cider Mill- www.busticidermill.com

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

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

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

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

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

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

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

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

Fenton's Produce- www.fentonsproduce.com

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

Five Loaves Farm- Kauffman.m@gmail.com

Flavor Farm- www.flavor-farm.com

Good Food Farm- www.goodfoodfarm.blogspot.com

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

Green Shoots- [www.jersbuffalo.org/index.php/programs/category/Green Shoots for New Americans](http://www.jersbuffalo.org/index.php/programs/category/Green_Shoots_for_New_Americans)

Harvest Patch- <http://www.harvestpatch.com/>
McCollum Orchards- <http://www.oldfarmnewlife.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <http://www.platodalefarm.org/>
Porter Farms- <http://porterfarms.org/>
The Promised Land- <http://www.promisedlandcsa.com/produce.htm>
Queen City Farm- www.queencityfarm.org/
Reigle's on theRidge- <http://www.localharvest.org/reigles-on-the-ridge-M48650>
Roots & Wings Family Farm- <http://www.rootsandwingsfamilyfarm.com>
Root Down- www.therootdownfarm.com
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
T-Meadow Farms- <http://tmeadowfarm.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
NY Sustainable Agriculture Working Group- <http://www.farmtraveleronline.com/>
NYSAWG Links to Farmers' Markets, CSA, Other farms- <http://www.nysawg.org/directory-of-farms.html>
Local Harvest (resource site)-<http://www.localharvest.org/>
NY Agri-women - <http://www.newyorkagriwomen.com/>

Local Tourism promoting Sustainability

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

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

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy , Target, Walmart, Radio Shack, Lowe's
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
Carpet- WNY Professional Flooring, 864-3875
Cars- <http://www.donateacar.com/>
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, American Eagle Outfitters
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking dropoffs
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Drug disposal best practices- <http://www.dec.ny.gov/chemical/45083.html>
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club <http://donateglasses.net/search.html> for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)
Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>
Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>
Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>
Hazardous Household materials- <http://www.hazmanusa.com/>

Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600

Ink cartridges-RecyclePlace.com and most manufacturers

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

Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf

Needles, Syringes etc.- <http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access>

Packaging Materials (bubble wrap, peanuts)-UPS Store

Pantyhose/tights- NoNonsense.com/PantyhoseRecycling.aspx

Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot

Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org

Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448

Recycling A to Z - realsimple

Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com

Sports equipment-resell/trade at www.playitagainsports.com

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

Toys, plastic- http://dmpgreen.com/mail_in.html

Uses and reuses for many items- <http://www.world.org/weo/recycle>

Water filters-Brita partners with preserveproducts.com/recycling

Yoga mats- RecycleYourMat.com

Eco-volunteering with Travel:

<http://www.planetfriendly.net/learn.html>

<http://www.globalteer.org>

<http://www.ecovolunteer.org/>

<http://www.goeco.org/>

<http://www.woof.org/>

<http://www.americanhiking.org/>

Education Courses or Certificates:

Energy University Website with Schneider Electric- [Courses](#) are free

Green Classroom Professional Certificate- Online courses, info [here](#)

Solar Energy Training- <http://www.solarenergy.org/training-schedule/>

Coursera- www.coursera.org

Miscellaneous:

Green America's guide to Socially Responsible Investing- <http://pubs.greenamerica.org/i/116105>

Buffalo Relocation and Self-Promotion <http://www.wherelifeworks.com/>

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

Adirondack Mountain Club-Niagara Frontier Chapter

<http://adk-nfc.org/>

Meetings 7:30, second Tues. from Sept.-June

Allegany Nature Pilgrimage

<http://alleganynaturepilgrimage.com/>

Alliance for the Great Lakes

www.greatlakes.org

American Planning Association-WNY Section/Upstate

www.wnyapa.com

American Meteorological Society-WNY Chapter

www.facebook.com/amswnychapter

Amherst Greenways

<http://Amherstgreenways.org>

Amherst State Park Arboretum

<http://www.amherststatepark.org/ASP/Welcome.html>

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

Buffalo Niagara 2050 Transportation	www.buffaloniagara2050.com
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	http://www.buffalo-orienteeing.org/
Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Solar Carousel	http://buffaloheritagecarousel.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Cabelas	www.cabelas.com/stores/store_info.jsp?pageName=058#events
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens' Environmental Coalition	www.cectoxic.org/index.html
Citizens for Regional Transit	www.citizenstransit.org/
Citizen Science Community Resources	http://www.airhugger.org/
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	http://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Community Action Organization of Erie County	http://www.caoec.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cornell Cooperative Extension for Cattaraugus County	http://chautauqua.cce.cornell.edu/
Cornell Cooperative Extension for Erie County	http://counties.cce.cornell.edu/erie/
Cornell Cooperative Extension for Niagara County	http://counties.cce.cornell.edu/niagara/

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

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

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

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

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

Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Sustainable Earth Solutions	www.sustainableearthsolutions.com
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://tonawandacreek.shutterfly.com/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	http://21stcenturypark.org/
UB Engineers for a Sustainable World	http://www.eng.buffalo.edu/esw
UB Environmental Network	https://www.facebook.com/groups/2239558471/
UB ERIE Program	http://www.erie.buffalo.edu/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
University Heights Collaborative	http://ourheights.org/
UnwasteNY	http://www.unwastenyny.org
Urban Land Institute	http://newyork.uli.org/regional/
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	http://www.voice-buffalo.org/index.html
Wellness Institute	http://www.healthycommunitynetwork.com/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.growwny.org/

Western New York Herpetological Society	http://www.wnyherpsociety.org/
Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	http://www.wnylc.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
Western New York Science Congress	http://wnysc.org/
Western New York Service Learning Coalition	http://levesqueinstitute.niagara.edu/programs/wnyslc/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/new/projects.html
West Side Ministries	http://www.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Ones, Native Plants and Natural Landscapes	http://www.wildonesniagara.org/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	https://buffalowind.wordpress.com/
Working for Downtown	http://www.workingfordowntown.org/