

Enviro-News

November, 2015

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:

Truth to Power

The Sierra Club Climate and Clean Energy Writers Group will meet on **Monday November 2** 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 theme will be "Truth to Power" and the speakers will be: Rob Galbraith from the Public Accountability Initiative speaking on "Researching Power Relations" and Geoff Kelly, editor of the Public on "Alternative Media in WNY". This event is free and open to the public.

Forum on Greenhouse Gas/Renewable Energy Initiatives

The Working Families Chapter meeting invites the public to learn about climate justice and initiatives to increase the use of renewables. Their forum will be held on **November 4** at 6pm at UAW Region 9, 35 George Karl Dr. (Wehrle near Transit) in Amherst. Food and beverages will be provided. We will hear about the climate justice campaign: a brief power point presentation on the climate crisis and a report from a law professor and students who will be delivering, to the US negotiators at the UN climate change talks in Paris, signed pledges from WNY unions, faith-based/environmental and community organization calling on the President and world leaders to set greenhouse gas standards that will ensure a safe and healthy environment for our children and future generations. Bill Nowak and Roger Cook will present on a statewide coalition that includes the WFP and Labor and its allies who are crafting legislation that will set a clear timeline to move us to a clean energy economy while ensuring a just transition, good jobs, training, and community benefits. All are welcome to join in a discussion of this important issue.

Public Hearing on New York's Energy Vision

Governor Cuomo and the New York Public Service Commission have undertaken a major overhaul of New York's energy policy called Reforming the Energy Vision (REV). The REV process will change utility regulations, energy ownership rules, programs for renewables and weatherization, and electricity rates. An information session and public statement hearing will be held on **Wednesday, November 4** at 6pm at Erie County Community College City Campus Auditorium, 121 Ellicott Street, Buffalo, New York 14203. For more information about REV, visit the Energy Democracy Alliance website: www.energydemocracyny.org.

Eyes on the Pies

Grassroots Gardens is hosting a fundraiser to be held from 6 to 9 p.m. **Thursday, November 5** at Karpeles Manuscript Museum, 453 Porter Ave., Buffalo. Many varieties of pies will be raffled at the event. In addition, there will be food, music from Joe Rozler and beer from local breweries. Tickets are \$30 for adults and free for children under 12. You can [buy tickets online](#). Call 783-9653 for more information.

Creating and Implementing your Solarize Campaign

NYSERDA is now accepting applications for Solarize campaigns launching in the Spring of 2016! NYSERDA will support selected Solarize campaigns through [Community Solar NY](#) by providing technical assistance, marketing materials, and funding. Communities interested in the program must attend a free Solarize Workshop; the next workshop is **Thursday, November 05** from 9am to 1pm at 847 Main St., Buffalo 14203. For event details, please contact communitysolar@nyserda.ny.gov. This PV Trainer's Network Solarize training prepares communities to implement a group purchasing campaign through the Community Solar NY initiative. Solarize programs are an effective way for communities to act together to accomplish clean energy goals. These programs simplify the process of going solar, educate the public, reduce the costs, and promote a strong sense of community. In this session, a pre-requisite for communities that wish to participate in the second round of Community Solar NY, Solarize experts will discuss how to create a successful Solarize campaign. This includes how to develop a strong campaign team and outreach strategy, tips for implementing a campaign over several months, and lessons learned from previous Solarize campaigns in New York State and nationwide. Communities have until November 16th to submit an application. Info at [Solarize Workshops](#).

PUSH Building Blocks Breakfast

On **November 10, 2015**, PUSH (People United for Sustainable Housing) is hosting the annual Building Blocks fundraising breakfast from 8 to 9am at Temple Beth Zion located at 805 Delaware Avenue, Buffalo, 14209. Check-in is from 7:30-8am. Parking is available in the parking lot on a first come, first serve basis. Additionally, parking rules will be relaxed on Delaware and Barker Avenue during the event. This is a *FREE* one-hour program for people to learn about PUSH. Yes, it is a fundraiser, and you will be asked to consider making a contribution. However, no minimum gift required. We want people to find out about all of our amazing services. We would be delighted if you could attend. To register or for info, contact Julia at 716.882-2672 or juliawhite@pushbuffalo.org.

“The Honorable Harvest: Indigenous Knowledge for Biodiversity Conservation”

Join Dr. Robin W. Kimmerer on **Tuesday, November 10** at the Burchfield Penney Art Center for a presentation entitled “The Honorable Harvest: Indigenous Knowledge for Biodiversity Conservation.” Dr. Kimmerer is a mother, plant ecologist, writer and SUNY Distinguished Teaching Professor. Her research includes the role of traditional ecological knowledge in ecological restoration and the ecology of mosses. She is engaged in programs which introduce the benefits of traditional ecological knowledge to the scientific community, in a way that respects and protects indigenous knowledge. This event is free and open to the public with a reception at 6pm and the talk at 7pm at 1300 Elmwood Ave., Buffalo. The event is co-sponsored by the Western New York Land Conservancy and Niagara Frontier Botanical Society and Buffalo Audubon Society.

Wine Tasting and Art Show Benefit for Reinstein Woods

Friends of Reinstein Woods invite the public to “Nature’s Gathering: An Evening of Art, Wine and Cheese,” on **Saturday, November 14, 2015** from 5:00 p.m. to 8:00 p.m. at the Father Justin Knights of Columbus Hall, 2735 Union Road, Cheektowaga. The event will raise funds to support environmental education programs Reinstein Woods performs in the community and at the Nature Preserve. Tickets are \$15 in advance or \$20 at the door. Tickets can be purchased at the Reinstein Woods Environmental Education Center, 93 Honorine Drive, Cheektowaga. An order form is available at <http://reinsteinwoods.org/events/>. For information, call 716-683-5959.

Invasive Species Partnership Meeting

WNY PRISM (Western New York Partnership for Regional Invasive Species Management) is holding their 2015 Fall Full Partnership Meeting on **Thursday, November 19th** from 1 to 3pm at Fredonia. Guest speakers include Ken Parker, Seneca Nation of Indians, and Karry A. Kazial Ph.D., Fredonia. Ken Parker will speak about the Seneca Nation of Indians' new native plant policy, the reasoning behind it and the impacts moving forward. Dr. Kazial will present on the many bat species of WNY, impacts of white nose syndrome, current research and what the future may hold. Attendees can share progress on their own work and provide feedback and ideas. We will also take a look at our plans for 2016. Meeting will be in 204D Williams Center, SUNY Fredonia, 280 Central Avenue, Fredonia. For info, contact Andrea at lockeas@buffalostate.edu.

Webinar: Winter Operations & Maintenance for Green Infrastructure

A free Environmental Protection Agency webinar on **November 3** from 1-2:30pm will highlight winter maintenance of green infrastructure. The webinar will include two sessions: Green Infrastructure Maintenance: Facts, Fiction, Cold Weather, and Costs and Clean Water & Safe Roads: Finding the Balance. Maintenance is a common concern raised which may prevent adoption of green infrastructure because it is relatively new and does not fit within the traditional maintenance practices for community infrastructure. There is also concern that green infrastructure systems will freeze and be completely ineffective in cold regions. The second part of the session will showcase a Minnesota program that has developed a plan to ensure clean water while promoting winter road safety. For more info, [Register!](#)

Learn How to Help Wildlife: Fall Rehabilitation Course

Learn how to lend a helping hand and provide proper emergency stabilizing treatment to injured, orphaned, and distressed wildlife living in your community. Hawk Creek Wildlife Center's Fall Wildlife Rehabilitation Course is an intensive eight hour learning experience being offered to the public **Saturday and Sunday, November 14 and 15, 2015 from 12:00 pm to 4:00 pm**. This special course is taught by licensed wildlife rehabilitators sharing over 25 years of real-life experience, up-to-date technical information, incredible stories, and invaluable wisdom. The course is open to adults, age sixteen or older, who are preparing to take the NYSDEC wildlife rehabilitation exam or are just interested in expanding their knowledge. Pre-registration is required. The eight hour course is \$100 per person. To register please visit our [online store](#) or contact Hawk Creek Wildlife Center at [716-652-8646](tel:716-652-8646).

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>.

Gardening Courses for Fall-Registration Available

The Buffalo & Erie County Botanical Gardens offers their popular horticulture classes this fall. Classes meet from 11am-1pm on select Saturday. A reduced cost is available for the series or registrants can select individual courses. To view the schedule and/or register, visit www.buffalogardens.com/collections/adults.

Online Boating Safety Course Available

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

Food not Bombs

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

Christmas Bird Counts: Get Involved in Citizen Science

From December 14 through January 5 each year, thousands of volunteers throughout the Americas brave the weather to take part in the annual Christmas Bird Count. Audubon Society and other groups use data collected in this long-running wildlife census to assess the health of bird populations and to help guide conservation action. When combined with other surveys such as the Breeding Bird Survey, it provides a picture of how the continent's bird populations have changed in time and space over the past hundred years. Each count takes place in an established 15-mile wide diameter circle, and is organized by a count compiler. If you are a beginning birder, you will be able to join a group that includes at least one experienced birdwatcher. The Beaver Meadow Christmas Bird Count will take place on **Saturday, December 19** at 8:00 am. Contact Tom (tkerr.buffaloudubon@gmail.com) for more information. Oak Orchard Count at the Iroquois National Wildlife Refuge in Basom will take place on **Monday, December 28**. Contact Celeste (celeste.morien@gmail.com). No matter what your birding skills, this is a fun event for all birding enthusiasts.

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.

WNYEA Annual Congress

The Western New York Environmental Alliance (WNYEA) Annual Congress, which will focus on Climate Justice Solutions/ Actions/Strategies, is scheduled for **December 8, 2015**. Please keep checking GrowWNY.org for more information. At the Annual Congress, the WNYEA's 2016 Action Agenda will be lifted up. [Click here to view the proposed planks for this upcoming year's annual agenda.](#)

“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/>

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 and more information.

Preservation Buffalo Niagara Docent Training

PBN is excited to announce a docent training course beginning in January 2016. Trainees will learn about the history of the region, along with routes for our classic Buffalo City Hall and Queen City Downtown tours. The course will also feature tour tricks and tips from longtime PBN docents! The course begins on January 9th (and will continue on the 16th, 23rd, and 30th) and will focus on training for the Queen City Downtown route, as well as local history. The Buffalo City Hall portion of the training will take place on February 6th and February 13th. Training will culminate with graduation tours led by trainees. [Click here](#) to learn more information. Applications may be submitted [online](#).

Zoo Docents Needed

Adult volunteers are needed as Buffalo Zoo docents. Training begins in January 2016 for 14 weeks from 9:30am to 3:30pm on Saturdays. Docents give tours and assist in educational programs offered by the zoo. Applications and interviews are required by December 10. Orientation will be held from 10am to 12pm on **November 21**. For more info about requirements or to register for an orientation, call (716) 995-6132.

GRoW House Takes Second

The GRoW (Garden, Relax or Work) Home, University at Buffalo's student-designed and built entry into the U.S. Department of Energy's Solar Decathlon, was awarded second place at the California event. This was UB's first entry into the competition and the team earned 941.191 points out of a possible 1,000. The winning team from Stevens Institute of Technology took first place with 950.685. The GRoW Home will be disassembled and shipped back to Buffalo for display. [More info](#)

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>.

Worms May Help Eat Plastic

Every year, 6.4 million tons of plastic is dumped into the ocean with additional plastics sent to landfills and littering the ground. New research at Stanford has shown that the tiny mealworm (actually beetle larvae) might just help us solve our massive plastic problem. The larvae can eat and survive on a styrofoam diet, because microorganisms in the worms' guts biodegrade the plastic during the digestion process. The polystyrene material is converted into byproducts of carbon dioxide and tiny pellets of biodegradable material that are excreted and could be used for food crops. More research is needed to understand how the bacteria biodegrade the plastic, but the research holds promise. For more info, visit [wormeatingplastic](#)

Another Solar Facility to Locate in Western New York

A solar manufacturing facility is to be located in Batavia and is projected to bring more than 1,000 jobs. Massachusetts-based 1366 Technologies develops and manufactures silicon wafers used solar panels. The company will invest \$700 million and the state will provide \$56.3 million in taxpayer money as well as other incentives, including 8.5 megawatts of low-cost hydropower from the New York Power Authority. <http://politi.co/1Mfnomw>

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. Most of the techniques only requiring 2 fingers to perform. 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 uses a unique approach (The 4 W's: Who, What, Where and Why) which takes the participants through a series of exercises which allows them to know, understand and recognize the reality of their life goals. The program population ranges from middle school youth to adults. For info, visit <http://www.willieapricespeaks.com/>

Start a National Green Schools Chapter at Your School

Now is the time to sign up for a National Green Schools Society Chapter for your school and students. Complete a [NGSS Application](#) TODAY.

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/>.

Free Online Climate Change Science Course

This “MOOC” (massive open online course) on Climate Change: The Science begins **October 14, 2015**. It will provide an introductory level course on climate science to help participants better understand the news, evaluate scientific evidence, and explain global warming to anyone. Register at <https://www.edx.org/course/climate-change-science-ubcx-climate1x>

Global Warming or Climate Change: Which Generates More Response

According to an article in Public Opinion Quarterly (2011), the use of the terms “global warming” and “climate change” generate different emotional responses. “Global warming” was the preferred term by conservatives. For a short video discussing the study, visit [discoveryvideo](#). The original article can be found at [publicopinion](#).

Teacher’s Resources

[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. With Think It Up, students and teachers develop projects that draw on students' passions and help them pursue their educational goals.

[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 under the Sustainability Alliance has designed a simulation game to show administrators and teachers 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 teachers how to use those projects in their 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. This comprehensive educational resource is aligned with national educational standards, including NGSS, CCSS and Climate Literacy.

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

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

[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

[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 contests launches summer 2016.

[Billion Baby Turtles School Fundraising Contest](#)-Help save baby sea turtles and win great prizes for your students and class! Every \$1 raised saves a baby turtle and every class that raises at least \$100 will win prizes. One participating teacher will win a Costa Rica Sea Turtle Trip and three winning classes get eco-prize packs for each student. Dates: **September 28–November 13, 2015.**

Grant and Scholarship Opportunities

[Water Resources Research Grant Program](#) is accepting applications from New York State's higher education community for the New York Water Resources Institute / Hudson River Estuary Program 2016 Water Resources Research Grant Program. Approximately \$130,000 is available for research, management, and outreach activities related to water resources in New York. Up to \$20,000 is available per project. Projects throughout New York are eligible, but proposals related to the Hudson River Estuary region are particularly encouraged. Deadline: **December 1.**

[NYS Park and Trail Partnership Program](#)- The new grants program will enhance the preservation, stewardship, interpretation, maintenance and promotion of New York State parks, trails and state historic sites by investing in the organizations that support these treasured places. Deadline: **December 4, 2015.**

[21st Century Fund](#), a fund and giving circle of the Community Foundation for Greater Buffalo, is now accepting applications from nonprofit organizations for its 2015-2016 grant cycle. Applications must be submitted online. Deadline: **December 4, 2015.**

[NSF Discovery Research PreK–12 Program and Solicitation](#)- invites proposals that address immediate challenges that are facing PreK–12 STEM education as well as those that anticipate radically different structures and functions of PreK–12 teaching and learning. Learn about the DRK-12 program and solicitation by attending a webinar led by NSF and hosted by CADRE. Deadline: **December 7, 2015.**

[Wells Fargo Environmental Solutions for Communities Grant Program](#) is funded in collaboration with the National Fish and Wildlife Foundation. Together, we identify and fund local environmental nonprofits that are working on high impact projects across our targeted communities. Deadline: **December 10.**

[Herb Society of America Grant for Educators](#) rewards innovative projects that enhance herbal education in school systems, in communities, or in any public forum (electronic or person-to-person). It requires learning goals and a mechanism to measure the educational outcomes. Applications are requested from educators (formal or informal teachers), persons engaged/employed in botanical or horticultural activities, museum directors, botanical / garden writers, small herbal business owners. Proposals from students will not be accepted. Deadline: **December 31**.

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

[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

[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**.

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

[The Karma for Cara Foundation](#) is encouraging kids 18 and under to apply for funds between \$250 and \$1,000 to complete service projects in their communities. Whether it is turning a vacant lot into a community garden, rebuilding a school playground or helping senior citizens get their homes ready for winter, they want to hear what project you're passionate about. **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](#)-Thanks to generous support from Dr Pepper Snapple Group, KaBOOM! will be awarding grants of \$750 each to communities who wish to top-off their Engineered Wood Fiber safety surfacing or who are working to make their existing playgrounds cleaner, safer and more inviting. Rolling deadlines.

[J-Serve Start-Up Grants](#)-J-Serve is the International Day of Jewish Youth Service. 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

[Planner/Grant Writer, Jamestown Renaissance Corporation](#)-to coordinate neighborhood and downtown planning and grant activities. Location in Jamestown, NY. Deadline: **November 6**.

[USDA Climate Hubs Fellows Program](#)-Individuals with undergraduate or graduate education may apply as fellows who are temporary federal employees to work with the regional Climate Hubs and Sub-Hubs to accomplish their mission. Fellows from this program will obtain experience developing on-the-ground solutions for vulnerabilities faced by operational land managers and learn to work with established research and outreach communities. Application deadline: **Friday, November 20**.

[AmeriCorps Positions](#)-AmeriCorps VISTA members are passionate and committed to their mission to bring individuals and communities out of poverty. Members make a year-long, full-time commitment to serve on a specific project at a nonprofit organization or public agency. Some serve in the summer months through the [AmeriCorps VISTA Summer Associate program](#). Members and Summer Associates receive a modest living allowance. Members who serve for a year also receive limited health benefit options, childcare, if needed, and other benefits. After successful completion of a term of service, members can choose to receive a [Segal AmeriCorps Education Award](#) or post-service stipend.

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

[Excelsior Conservation Corps \(ECC\)](#) will be an AmeriCorps program run in partnership with the NYS Department of Environmental Conservation, the NYS Office of State Parks, Recreation, and Historic Preservation, the NYS Commission for National and Community Service, and the Student Conservation Association. There will be 50 ECC members in New York, all between ages 18 and 25. ECC members will be based at Morrisville State College and will 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.

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:

Sunday, November 1

Trek Tiff- 2 to 3:30pm for all ages. Guided tour of Tiff Nature Preserve. \$2 donation appreciated. Call 825-6397 to confirm that walk will be taking place.

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.

Monday, November 2

Restore Corps Volunteer Opportunity- Contact Joshua at jkonovitz@bnriverkeeper.org for info or register at <http://bnriverkeeper.org/restorecorps-event-registration-page/>. 2-5pm, Field propagation@Guard Farm.

Truth to Power-The Sierra Club Climate and Clean Energy Writers Group will meet from 6 to 7:30 PM in the Alliance Room - 2nd floor of the Unitarian Universalist Church - 695 Elmwood at Ferry (Use the Garden Entrance). This month's theme will be Speak Truth to Power and the speakers will be: Rob Galbraith from the Public Accountability Initiative speaking on "Researching Power Relations" and Geoff Kelly, editor of the Public on "Alternative Media in WNY". This event is free and open to the public.

Public Meeting of Amherst Town Board - Review of proposed law banning hydraulic fracturing (fracking) and its wastewater. Public may speak (3 minutes - sign up). 7:00 pm, Town of Amherst Municipal Building, 5583 Main St., Williamsville.

Food systems and sovereignty in the Dominican Republic-3:30-4:30 at Acheson Annex 1, University at Buffalo. Dr. Marion Werner, Assistant Professor of Geography at UB, will present debates on food sovereignty in relation to the Dominican Republic's food system, with a focus on rice production. The presentation offers a basis to consider how practices of state sovereignty and the country's food system may be mutually transformed.

Adult Recycle-a-Bike Class- Part 1 of 3 classes on successive Mondays. 6:00 PM - 9:00 PM. Just like our afterschool program for kids, participants will select a bike from our donation stock and receive hands on instruction for rebuilding their bike with all the personalized customizations and modifications to create an ideal commuter bike...all the while learning what makes a bike roll. Participants receive a year membership to GO Bike, which means you can stop in the shop whenever you want for hands on instruction to fix your new bike! Registration is \$100, classes run 6-9 pm on Mondays for three weeks and are limited to 5 so email Stacy at stacy@gobikebuffalo.org to RSVP. Class dates are Nov. 2, 9, and 16.

Tuesday, November 3

Creating a Holiday Centerpiece- A presentation in the new series called "Garden Talk," will be held 12:15 – 12:45 p.m. at the Cornell Cooperative Extension of Genesee County, 420 East Main Street, Batavia. There will be a 30-minute talk on variety of garden related topics. Taught by Master Gardeners, these will be held during the lunch hour, so bring your lunch to the Cornell Cooperative Extension office. This free series is open to the public and registration is not required.

2015 C-SAAHN 'IMAGINE' Tuesday Noon-Hour Lecture Series- Downtown Buffalo & Erie County Public Library at "Ring of Knowledge" area. Free to all. Noon - 12:30 P.M. "From Monet to Van Gogh: A History of Impressionism : Paris under Siege", The Great Courses Video #8 by Professor Richard Brettell, The University of Texas at Dallas. 12:30 - 1:00 P.M. "IMAGINE Lifelong Learning and Buffalo Niagara as a Bi-National Cultural & Nature Center: The Arts + STEM = STEAM", Speaker - Jordana Halpern, Cultural Arts & Jewish Repertory Theatre Managing Director.

Putting your Garden to Bed-Grassroots Gardens workshop at 3:30pm at Pelion Garden, 206 Best st. across from City Honors. RSVP at www.grassrootsgardens.org.

Webinar: Winter Operations & Maintenance for Green Infrastructure- 1:00pm – 2:30pm EST. [Register!](#) Operations and maintenance (O&M) is critical to the long-term effectiveness and success of green infrastructure practices in any community. Wet weather in colder climate communities often presents unique challenges to green infrastructure maintenance - from snow, sediment, and salt to storage and drainage. This webcast will showcase two presentations that illustrate some of the realities and best practices of winter O&M.

Little Tykes Mini Nature Camp- 09:30am - 11:30am. Contact 716.825.6397. Enjoy a morning of fun and exploration at Tiff Nature Preserve! 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%. [register](#).

Wednesday, November 4

Greater Buffalo Niagara Regional Transportation Council Meeting- 9:30 AM . Public Welcome. 716-856-2026. Erie County Public Works, 95 Franklin St., Buffalo.

Restore Corps Volunteer Opportunity- Contact Joshua at jkonovitz@bnriverkeeper.org for info or register at <http://bnriverkeeper.org/restorecorps-event-registration-page/>. 12-3pm, Invasive Species @ RiverBend Phase I.

Buffalo's Grain Elevators Illumination Premiere-5:00-9:00 pm to celebrate as we "flip the switch"- turning the Connecting Terminal Grain Elevator into a canvas for a modern-day work of art! Celebration will live jazz music from Buffalo's own Gruvology, a brief performance from David Butler's "Grain Dances, Steel Floats"- which tells the story of Buffalo's history as the world's largest grain port, Illumination, live music while spectators immerse themselves in the light display, food trucks, beverages: including beer, pop, and our signature "Illuminated Prosecco". Info at [grainelevator](#).

Forum on Greenhouse Gas/Renewable Energy Initiatives-6pm at UAW Region 9, 35 George Karl Dr. (Wehrle near Transit) in Amherst. The Working Families Chapter meeting invites the public to learn about climate justice and initiatives to increase the use of renewables. Food and beverages will be provided. We will hear about the climate justice campaign: a brief power point presentation on the climate crisis and a report from a law professor and students who will be delivering, to the US negotiators at the UN climate change talks in Paris, signed pledges from WNY unions, faith-based/environmental and community organization calling on the President and world leaders to set greenhouse gas standards that will ensure a safe and healthy environment for our children and future generations. Bill Nowak and Roger Cook will give a short presentation on a statewide coalition that includes the WFP and Labor and its allies who are crafting legislation that will set a clear timeline to move us to a clean energy economy while ensuring a just transition, good jobs, training, and community benefits. We welcome our environmental and other friends as well as our elected officials to join in a discussion of this important issue.

Public Hearings on New York's Energy Vision-6:00 PM - 7:00 PM: Information Session, 7:00 PM: Public Statement Hearing at Erie County Community College, City Campus Auditorium, 121 Ellicott Street, Buffalo, New York 14203.

"45 Gardening Tips in 45 Minutes"- Connie Oswald Stofko, publisher of Buffalo-NiagaraGardening.com will present at 7:30 p.m. upstairs at Dog Ears Bookstore & Cafe, 688 Abbott Rd., South Buffalo. Call 823-book (2665) to reserve your seat. The cafe will be serving until 8 p.m. The talk is sponsored by [South Buffalo CREW](#) (Concerned Residents Engaged in Work). Stofko will share some of the best tips she discovered as she interviewed home gardeners and gardening experts in the past several years for Buffalo-NiagaraGardening.com, the online gardening magazine for Western New York. She has to average one tip per minute, so it's fun to see if she can squeeze them all in!

WNYEA Growing Working Group- Meeting at Noon at Ashker's on Elmwood Avenue. All are welcome. Questions-email ggrstaff@gmail.com.

Thursday, November 5

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.

Eyes on the Pies-You can win pies during the Eyes on the Pies fundraiser for Grassroots Gardens to be held from 6 to 9 p.m. at Karpeles Manuscript Museum, 453 Porter Ave., Buffalo. In addition to the pie raffle, the event will include food, music from Joe Rozler and beer from local breweries. Tickets are \$30 for adults and free for children under 12. You can [buy tickets online](#). Call 783-9653 for more information.

Slow Roll Buffalo Fundraiser-6-8pm. Whether you're a Slow Roller or just a wannabee SR, support the mission to encourage both bicycling and a better-connected Buffalo while enjoying pizza, beer & wine, auctions & raffles, and many ways of collecting community input [Dig](#) 640 Ellicott Street on the [Buffalo Niagara Medical Campus](#).

20th Annual HNHS/Penn Dixie Fundraiser-6 to 9pm. Annual fundraiser at La Galleria Restaurant, 3923 Southwestern Blvd., Orchard Park. Silent and voice auctions, raffles, hors d'oeuvres, and more. Donations of baskets, gift certificates, artwork, toys, holiday baskets, tickets for football, hockey or basket ball games are welcome. Fun filled evening for all. Public is invited. www.penndixie.org

Orchard Park Garden Club Meeting- 11:30 a.m. at the Orchard Park Presbyterian Church, 4369 S. Buffalo St., Orchard Park. Sign-ups begin at 11:30, with refreshments at noon and the program at 12:30 p.m. The program will be “Use, Return, Reuse, Recycle – and See it at the Auction.”

The Power of Trains- Join Walter Simpson, retired UB Energy Officer, to learn about trains, their energy use and the future of trains as the US considers energy policy. 10am Cheektowaga Senior Center, 686-3930 to register.

Biophilic Design for Human Health Webinar- 1 to 2:30pm. Registration :[link](#) This session will feature the basic science of biophilia: how humans biologically respond to patterns and characteristics of nature.

Creating and Implementing your Solarize Campaign Workshop- 9am to 1pm. This PV Trainer's Network Solarize training prepares communities to implement a group purchasing campaign through the Community Solar NY initiative. Solarize programs are an effective way for communities to act together to accomplish clean energy goals. For event details, please contact communitysolar@nyserda.ny.gov. Cost: This training is free to attend.

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, November 6

Buffalo Geological Society Meeting - 7:30pm at the Parkside Lutheran Church at Depew and Wallace Streets in Buffalo (near the Buffalo Zoo off Parkside). Dr. Carl Brett will speak on trilobites.

Saturday, November 7

Walk at Knox Farm State Park- a Buffalo Audubon Event from 9-10am. Donations. Knox Farm State Park – 437 Buffalo Rd., East Aurora. Please call 585-457-3228 for info. Meet in the main parking lot.

Gorge at Low Water-10am to 3:30pm. Devil’s Hole State Park. Enjoy the Niagara Gorge after the volume of water in the Niagara River is reduced by 25%. Join us for a guided hike beginning at Devil’s Hole. We will take you past the Whirlpool to the site of the Great Gorge Route station and beyond. Call (716) 282-5154 to register for program.

Evangola Trail Loop Series: Hidden Wetlands-11am to 1pm at Evangola State Park. Join us for the last hike of our trail loop series and explore the diverse and important wetland habitats found in the park. Wear appropriate footwear; muddy spots. Call (716) 549-1050 to register for program.

Horticultural Class at Botanical Gardens- 11am-1pm at Buffalo & Erie County Botanical Gardens. Garden Members \$105 or \$20 per class, Non-Members \$130 or \$25 per class. David Clark, Horticulture Educator. David is fast becoming one of the country’s noted garden speakers! Join him for an entertaining garden education for beginners or gardeners wishing to brush up on their skills. Those who take the entire series will be presented with a certificate upon completion. www.buffalogardens.com. Topic- Annuals and Perennials.

Stories in the Woods-10:30am. Enjoy hearing a nature story, followed by a guided walk in the woods. **For kids ages 3 to 7.** Reinstein Woods, 93 Honorine Drive, Depew, NY 14043. To register call 716-683-5959.

Prehistoric Reinstein Woods-2pm. Take a journey through time, and find out animal and plant species have survived through the ages. Reinstein Woods, 93 Honorine Drive, Depew, NY 14043. To register call 716-683-5959.

Adventure Hike #1-10:00am to 12:30pm at Chaffee Wildlife Preserve. Join Earth Spirit for a challenging off-trail hike focused on wildlife ecology and seasonal changes. Fee: Free for all. Sponsored by Waste Management of Chaffee. www.earthspiritedu.org

Sunday, November 8

Trek Tiff- 2 to 3:30pm for all ages. Guided tour of Tiff Nature Preserve. \$2 donation appreciated. Call 825-6397 to confirm that walk will be taking place.

Hike for the Climate - Promoting awareness of the 'Rise Up for Climate Justice' campaign. Sponsor ADK Niagara Frontier Chapter, 10:00AM, Meet at the Niagara Gorge Discovery Center (formerly Schoelkopf Museum) 200 Robert Moses Parkway North, Niagara Falls.

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.

Herbal Crafts for Gift-Giving- 1 to 4pm. a hands-on demonstration of several lovingly crafted herbal treats for body and mind perfect for the holidays or any time of year. Oakmoss Education is pleased to continue its partnership with the [Roycroft Campus](#) this Autumn at the Power House Visitors Center at 39 South Grove Street in East Aurora. Info [here](#).

"Nature Recycles, Too!" - 2 p.m. at Walton Woods, Amherst. Meet in the parking lot to the rear of Amherst Police Headquarters, 500 John James Audubon Pkwy., Amherst. Sponsored by the Amherst Conservation Advisory Council. Katie Duggan-Hass of Modern Disposal Waste Management Education will be the presenter. Free and open to the public. They will take place rain or shine. Please wear weather-appropriate clothing. For questions, call 688-6566 or send an email to AmherstStatePark@roadrunner.com.

Environmentally Friendly Cleaning Products- 1 to 3pm at Bond Lake Nature Center. Free to public. Info contact bondlake@gmail.com.

Monday, November 9

Restore Corps Volunteer Opportunity- Contact Joshua at jkonovitz@bnriverkeeper.org for info or register at <http://bnriverkeeper.org/restorecorps-event-registration-page/>. 2-5pm, Monitoring Restoration @ RiverBend Phase I.

Sierra Club Energy Committee and WNYEA Climate and Energy Working Group Meeting- 6:00 pm – 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, November 10

ADK General Meeting- General Meeting 7:30 - 9:00 77 Washington Highway, Snyder Amherst Community Church NOTE: Please park in rear and enter through back door. Speaker Bill Cooke: The Magnificent Colorado Trail Author, hiker, photographer, and engaging speaker on his experiences on the Colorado Trail. Education talk- "Leave No Trace from 6:30-7:15pm.

Ken-Sheriton Garden Club- 7:30 p.m. at St. Mark's Lutheran Church, 576 Delaware Rd., Kenmore. "Sowing Seeds in a Milk Jug" will be presented by Therese Melchiorre, club member and Erie County Master Gardener intern. Members will sow hardy perennial seeds in milk jugs to grow outside over the winter. The artistic design will be "Standing Tall," a creative vertical line using dried materials. A business meeting will follow. New members are always welcome.

"The Honorable Harvest: Indigenous Knowledge for Biodiversity Conservation"-6pm reception, 7pm talk. Join Dr. Robin W. Kimmerer at the Burchfield Penney Art Center, 1300 Elmwood Ave. She is a mother, plant ecologist, writer and SUNY Distinguished Teaching Professor. Her research includes the role of traditional ecological knowledge in ecological restoration and the ecology of mosses. She is engaged in programs which introduce the benefits of traditional ecological knowledge to the scientific community, in a way that respects and protects indigenous knowledge. This event is free and open to the public.

2015 C-SAAHN 'IMAGINE' Tuesday Noon-Hour Lecture Series- Downtown Buffalo & Erie County Public Library at "Ring of Knowledge" area. Free to all. Noon - 12:30 P.M. "IMAGINE Lifelong Learning: The Pursuit of Happiness", "The Cathedral: Reims - The Royal Cathedral", The Great Courses Video #15 by Professor William R. Cook, State University of New York at Geneseo; 12:30 - 1:00 P.M. "IMAGINE Lifelong Learning and Buffalo Niagara as a Bi-National Cultural & Nature Center: The Arts + STEM = STEAM", Speaker - Nancy Weekly, Burchfield Penney Art Center, Head of Collections, "IMAGINE a Healthy, Wealthy & Sustainable Community: Spiritual Guides Today; Charles Burchfield, 1893 - 2015".

PUSH Building Blocks Breakfast-8:00AM. If you would like to attend contact PUSH Buffalo's Development Assistant, Julia White at juliawhite@pushbuffalo.org or [716-882-2672](tel:716-882-2672).

Wednesday, November 11

Lancaster Garden Club- 7 p.m. at St. John's Lutheran Hall, 55 Pleasant Ave., Lancaster. Dorothy Julius, a club member, will be doing a hands on workshop titled "Trim a Tree with Nature." There is a \$5 fee. Guests are welcome.

Youngstown Garden Club- 7 p.m. at the First Presbyterian Church, 100 Church St., Youngstown. The program will be "Fall Visitors to Your Yard." The slideshow presented by Danielle Pecoraro and Marilyn O'Connell from Wild Birds Unlimited will highlight the birds you can expect to see and what they eat.

Buffalo Ornithological Society Meeting- Jaeger Room of the Buffalo Museum of Science at 7:00 PM. If the names Powerful Owl, Superb Fairywren and Plains-Wanderer stir your imagination then join us for a presentation of Birds of Eastern Australia. BOS members Bernie Kester & Holly Sweeney will share pix & video of some of the more than 400 species of birds from 86 families seen on their 2014 trip (and other flora & fauna & foibles).

Thursday, November 12

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.

Anaerobic Digestion Workshop- NY Water Environment Association Training. Topics to be discussed: Relevance to wastewater treatment; Anaerobic digestion basics; Digester mechanics and components; Process control concepts and exercises; safety and equipment; Digester feeding and equalization; Process failure/Sour digester; Biogas utilization; Energy/Economic exercises. Cost is \$60 members, \$140 non-members, continuing education credits provided. Niagara County Fire Training Center, 5574 Niagara Street, Ext., Lockport, NY 14094. [Register](#)

Introduction to Maple Production- 7 to 9 p.m., the cost is \$5 for farm family. Classes generally will be held at the Frank W. Bratt Agriculture Center, 3542 Turner Rd., Jamestown. To register and to be added to the contact list, contact Katelyn Walley-Stoll at (716) 664-9502 ext. 202 or kaw249@cornell.edu or [online](#).

Friday, November 13

Friday the 13th Date Night Hike and Movie – 7 to 9:30pm. Grab someone you enjoy spending time with and join us for a nighttime walk through the woods at Beaver Meadow. An indoor scary movie will follow the walk. Popcorn and refreshments will be provided. Bring a comfy blanket or chair for watching the movie. Preregistration is required. (BM) \$5 Adult Only Program. 585-457-3228.

Restore Corps Volunteer Opportunity- Contact Joshua at jkonovitz@bnriverkeeper.org for info or register at <http://bnriverkeeper.org/restorecorps-event-registration-page/>. 2-5pm, Native seed collection @ Sprague Brook.

Buffalo Astronomical Association Meeting- 7:30 PM at [Buffalo State College](#). Our guest speaker will be Matthew Mure on “Understanding Stellar Data”. All are welcome.

Conversation on the Next Steps for the WNY Sustainable Business Roundtable-9 to 11am, free. Buffalo Zoo. Register at [Eventbrite WNY SBR Nov. 13](#). Open to all prospective and existing members.

Saturday, November 14

Horticultural Class at Botanical Gardens- 11am-1pm at Buffalo & Erie County Botanical Gardens. Garden Members \$105 or \$20 per class, Non-Members \$130 or \$25 per class. David Clark, Horticulture Educator. David is fast becoming one of the country’s noted garden speakers! Join him for an entertaining garden education for beginners or gardeners wishing to brush up on their skills. Those who take the entire series will be presented with a certificate upon completion. www.buffalogardens.com. Topic- Garden Design.

Dinner and Fundraiser for Western New Peace Center-Keynote speaker, Margaret Huang, Deputy Executive Director of Campaigns and Programs at Amnesty International USA. 5:30-9:00pm, Buffalo Niagara Convention Center Convention Center Plaza, Buffalo. <http://www.wnypeace.org/new/> for Reservations and Payments.

Cranksgiving 2015- 12:00 PM - 4:00 PM. Cranksgiving is a food drive on two wheels. Part bike ride, part food drive, part scavenger hunt. Bring a bike (any bike will do), a bag, a lock, a helmet and about \$10-15 to buy food. All of the food collected at grocery stores will be donated to Food not Bombs. Riders will be given a manifest with a list of grocery stores around the city to visit and food items to purchase. Riders will bring their completed purchases to the GObike workshop. Families and teams (limit 4 people per team) along with individual riders are encouraged to enter. Being fast is not a requirement! Trophies/Prizes will be awarded and refreshments will be had at the after party at the GObike workshop (98 Colvin Ave) at 3pm. The after party is free for riders, but we are asking that non-riders bring 4 non perishable food items to donate or 5 bucks. Registration starts at 12pm and the ride starts at 1pm. Want to share your thoughts or let us know you’re coming? Check out our [Facebook page!](#)

Gorge at Low Water- 10am to 3:30pm at [Devil’s Hole State Park](#). Enjoy the Niagara Gorge after the volume of water in the Niagara River is reduced by 25%. Join us for a guided hike beginning at Devil’s Hole. We will take you past the Whirlpool to the site of the Great Gorge Route station and beyond. *Call (716) 282-5154 to register for program.*

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

Gorge-ous Gulls – 10 to 11:30am at NY Power Authority, Lewiston (Meet at Visitor’s Center Lobby) - Start your weekend with the birds! Join Buffalo Audubon Naturalist Tom Kerr and see one of the biggest congregations of gulls in North America! Every fall, the Niagara River Gorge is loaded with huge flocks of Bonaparte’s Gulls. Watch them catch fish (or steal another gull’s fish) from the NYPA Power Vista overlook and up-close from the Robert Moses Fishing Platform. All ages are welcome. Binoculars are available. Pre-registration is required. Donations. 585-457-3228.

Walk in the Woods- 2 to 4pm at [Wilson Tuscarora State Park](#). Join a park naturalist for a walk through the woods along twelve Mile Creek. *Call (716) 282-5154 to register for program.*

Boy Scout Environmental Science Merit Badge Workshop – 10am to 3pm at Beaver Meadow Audubon Center. This badge is required for Eagle Scout. We will explore all the aspects of the natural world around us and how we can protect our natural resources. This is an extensive workshop and several requirements are done as pre-requisites. Pre-registration is required. (BM) \$12 per Scout. 585-457-3228

Canning 101-Grassroots Gardens workshop at 11am at West Side Community Services, 161 Vermont St. Limited to 12. RSVP at www.grassrootsgardens.org.

America Recycles Day at Reinstein Woods- 10am to 1pm. Celebrate America Recycles Day by bringing the following items for recycling: rechargeable batteries, cell phones, #6 polystyrene (clean), bubble wrap and packing peanuts, personal care containers (cosmetic containers, shampoo/conditioner/body wash bottles, deodorant containers & toothpaste tubes, textiles (gently used clothing, shoes and bedding). Call 683-5959 for more information.

Zoo Vet Tech- 10:00 A.M. – 12:00 P.M. Get ready to sharpen your observation skills! We will be taking an up-close and personal look at how the Zoo cares for over 150 different species of animals. Hands-on activities will help us investigate techniques that help our veterinary staff diagnose and treat Zoo animals. We will have an opportunity to observe radiographs, use microscopes, and much more! [register](#) Pre-paid registration is required, and all participants are required to pay the workshop fee. For more information call us at (716) 995-6128.

Nature's Gathering: An Evening of Art, Wine and Cheese- 5 to 8pm. Enjoy a tasting of fine regional wines, cheese and hors d'oeuvres, and help support Friends of Reinstein Woods. Westerns New York artisans will showcase their nature-themed artwork, available for purchase. Tickets available at Reinstein Woods or online at www.reinsteinwoods.org. This event will take place at the Knights of Columbus Hall, 2735 Union Road in Cheektowaga.

Family Nature Trivia Night at Tift Nature Preserve-6:30pm - 08:30pm. Are you smarter than a kindergartener? Show off your nature knowledge, or just have fun while enjoying a rousing evening of treats, family and friends at this FUNdraiser for Tift! Come as a family team or join other players. Space is limited. Pre-registration required. All ages welcome! \$8 per person or \$30 family team (up to 2 adults and 4 children 18 and under), BMS Members save 10%. [register](#)

Boy Scout Architecture Badge Workshop-10 AM – 12 PM at the Darwin D. Martin House, 143 Jewett Pkwy. Learn about Frank Lloyd Wright's architectural marvel! Explore the buildings and gardens, discover the hidden building elements, and design your own architectural plans. \$12 Scout | \$10 Adult. Reservations required. www.darwinmartinhouse.org

Introduction to Poultry Production (for Backyard Growers and Beyond)-9 – 11 a.m., the cost is \$10 for farm family. Classes generally will be held at the Frank W. Bratt Agriculture Center, 3542 Turner Rd., Jamestown. To register and to be added to the contact list, contact Katelyn Walley-Stoll at (716) 664-9502 ext. 202 or kaw249@cornell.edu or [online](#).

Celebrate America Recycles Day Dropoff- Take your excess or unwanted tools, bicycles, clothes and mobile e-junk to the Foundry, 298 Northampton St., Buffalo from noon to 4 p.m. Several local organizations are collaborating in this [toolraiser](#). Pelion Community Garden at City Honors School will accept mobile e-junk, boxtops and perennials to benefit the school garden. You can also drop off textiles.

Sunday, November 15

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.

Trek Tift- 2 to 3:30pm for all ages. Guided tour of Tift Nature Preserve. \$2 donation appreciated. Call 825-6397 to confirm that walk will be taking place.

Monday, November 16

Restore Corps Volunteer Opportunity- Contact Joshua at jkonovitz@bnriverkeeper.org for info or register at <http://bnriverkeeper.org/restorecorps-event-registration-page/>. 2-5pm, Field Propagation @ Guard Farm.

Mycology 101- Please register by Monday, Nov. 9. Class is 6pm at the Orleans County 4-H Fairgrounds, 12690 NY-31, Albion. To register contact Kim Hazel at mgorleanscce@cornell.edu or (585) 798-4265, ext. 26. Harrington Classroom in the Education Center, cost is \$10. Explore the vast and beautiful world of fungi and mushrooms. Learn how we as humans have used them for food, medicine and other applications to benefit us and the planet for millennia. Learn ways we can grow them, indoors or outdoors, for food or for longevity.

Tuesday, November 17

The Atmospheric Causes of the November 14 Snow Storm-WNY Chapter of the American Meteorological Society meeting with speaker Mr. Jason Franklin, meteorologist at the Buffalo office of the National Weather Service. 7pm at SUNY Buffalo State, Room A209, Classroom Bldg, Park in Lot I-37 and follow AMS signs. AMSChapterWNY@gmail.com.

PUSH Community Development Committee Meeting- 6pm. This is the place where PUSH ideas and concerns about neighborhood development are born. We're meeting at 271 Grant St in Buffalo NY. We hope to see you there!!!

Wild Bird Care for Winter – 7 to 9pm. A presentation sharing some easy steps and projects individuals can make that birds will appreciate, increasing opportunities for bird watching and providing a deeper understanding of bird behaviors. Oakmoss Education is pleased to continue its partnership with the Roycroft Campus with class held at the Power House Visitors Center at 39 South Grove Street in East Aurora. Campus website at: <http://roycroftcampuscorporation.com/index.php/education/upcoming-classes>

Just Transition Tonawanda Meeting-5:30pm – 7:00pm at American Legion Brounshidle Post 3352 Delaware Ave. ([map](#)). The Huntley coal plant in Tonawanda has announced it will retire March of 2016, joining hundreds of coal plants like it across the country. Join us as we share why the company is closing and how you can take action to make sure workers and our community is taken care of - and that the cost of this retirement is not passed on to regular working people.

2015 C-SAAHN 'IMAGINE' Tuesday Noon-Hour Lecture Series- Downtown Buffalo & Erie County Public Library at “Ring of Knowledge” area. Free to all. Noon - 12:30 P.M. Tocqueville and the American Experiment: The Democratic Family”, The Great Courses Video #22 by Professor William R. Cook, State University of New York at Geneseo; 12:30 - 1:00 P.M."IMAGINE a Healthy, Wealthy, and Sustainable Community: The Art of Investing Locally", Speaker - Bill Nowak - Executive Director, NY Geothermal Energy Organization.

Niagara River Greenway Commission Executive Committee and General Meeting- 2pm and 3pm at Community Room at the New York Power Authority, Niagara Power Project 5777 Lewiston Road, Lewiston, NY 14092.

Wednesday, November 18

WNY Herpetological Society Meeting-6:45pm at Julia Boyer Reinstein Library, 1030 Losson Road, Cheektowaga, NY 14227. Becky and Chad from Smart Snakes will speak on “Learning How to Care for your Snakes-Ask the Experts”. All are welcome. <http://www.wnyherpsociety.org/>

Restore Corps Volunteer Opportunity- Contact Joshua at jkonovitz@bnriverkeeper.org for info or register at <http://bnriverkeeper.org/restorecorps-event-registration-page/>. 12-3pm, Invasive species management @ RiverBend Phase I.

Climate change and California’s drinking water supply: Investigating source water in high elevation meadows-Talk at UB’s 108 Kimball Tower from 12-1pm. Chris Lowry, PhD, is an assistant professor in the UB Department of Geology. His research focuses on groundwater dependent ecosystems using a mixture of field observations and numerical modeling to quantify groundwater flow and availability.

WNY Stormwater Coalition Meeting- 2:00 PM at the Julia Boyer Reinstein Library located at 1030 Losson Road, Cheektowaga, NY 14227. Every meeting is open to the public.

Tapping into Nature: Bioinspired Innovation-Webinar from 1 to 2:30pm. Registration: [link](#). This session will feature technology innovations inspired by nature. These designs are derived from organisms and ecosystems across the globe and can be used to alleviate water issues facing communities across America. For more information please contact Denise Rigney at Rigney.Denise@epa.gov.

Thursday, November 19

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.

The Power of Trains- Join Walter Simpson, retired UB Energy Officer, to learn about trains, their energy use and the future of trains. 8pm Canterbury Woods, 929-5823 to register.

Matt Urban Hope Center Fundraiser- 5:30 to 7:30 p.m. at the Pearl Street Grill and Brewery, 76 Pearl St., Buffalo. The event will include food, drink and live music. Tickets are \$40 per person. To reserve tickets, call 893-7222, ext. 325 or [visit the Facebook event page](#).

WNY PRISM Fall Full Partnership Meeting -1 to 3 pm at Fredonia. Guest speakers Ken Parker, Seneca Nation of Indians, and Karry A. Kazial Ph.D., Fredonia. Ken Parker will speak about the Seneca Nation of Indians' new native plant policy, the reasoning behind it and the impacts moving forward. Dr. Kazial will present on the many bat species of WNY, impacts of white nose syndrome, current research and what the future may hold. Room/Building: 204D Williams Center (Student Activity Center) at SUNY Fredonia.

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, November 20

League of Women Voters Lunch and Issues- “Good Things Happen when Government Works: What did and didn't work and what we learned” with Guest speaker: Thomas J. Dearing, Commissioner of the Erie County Department of Environment & Planning at Scotch 'n Sirloin Restaurant, 3999 Maple Rd., Amherst, NY 14226. For info, events@lwvbn.org.

Saturday, November 21

Outdoor Skills-10:30am. Create rope from plants and learn how to build a survival shelter from natural materials. **For adults and kids age 8 and older.** Reinstein Woods, 93 Honorine Drive, Depew, NY 14043. To register call 716-683-5959.

Junior Audubon Club –10am to noon. Beginner Birding - Join Buffalo Audubon Naturalist Tom Kerr on our monthly birding adventure for kids! We'll start from the beginning this month with binocular how-to, field mark identification, and a short birding hike. The Jr. Audubon Club is open to kids of all ages and new members are always welcome. Binoculars are available. Pre-registration is required. Beaver Meadow Audubon Center. 585-457-3228.

Introduction to Livestock Production-9 to 11 a.m, the cost is \$5 for farm family. Classes generally will be held at the Frank W. Bratt Agriculture Center, 3542 Turner Rd., Jamestown. To register, contact Katelyn Walley-Stoll at (716) 664-9502 ext. 202 or kaw249@cornell.edu or [online](#).

Restore Corps Volunteer Opportunity- Contact Joshua at jkonovitz@bnriverkeeper.org for info or register at <http://bnriverkeeper.org/restorecorps-event-registration-page/>. 1-4pm, Native seed collection @ Emery Park.

Sunday, November 22

Adventure Hike #2-10:00am to 12:30pm at Amherst State Park. Join Earth Spirit for a moderately challenging hike focused on general ecology and seasonal happenings. Fee: \$7.00 member/ \$10.00 non-member, Children 12 & under ½ price. Pre- registration required, <http://earthspiritedu.org/events.html>.

Western NY Hosta Society-Meeting at Aurora Senior Citizen Center, 101 King St., East Aurora. Doors open at 1:30 p.m. and the meeting begins at 2p.m. Joan Altman, an avid host grower from Pittsburgh, PA, will speak on "Hostas in Joan's Country Garden." Since retiring from teaching, Altman started a retail nursery specializing in hostas.

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.

Trek Tiff- 2 to 3:30pm for all ages. Guided tour of Tiff Nature Preserve. \$2 donation appreciated. Call 825-6397 to confirm that walk will be taking place.

Monday, November 23

The Native American Way-6:30 to 7:30pm at Elma Public Library. Experience the world of the Iroquois through stories, games and artifacts. This program is for grades 2 and up. Registration required. Register in person or by calling 652-2719.

Tuesday, November 24

Sierra Club Meeting-Join others with the Niagara Sierra Club for their monthly meeting at 7pm at Room 252 Duns Scotus Hall, Daemen College. Visit www.daemen.edu/maps for directions.

Pathway to Organic Certification for Dairy Producers-1 – 3 p.m., this event is free. Classes generally will be held at the Frank W. Bratt Agriculture Center, 3542 Turner Rd., Jamestown. To register and to be added to the contact list, contact Katelyn Walley-Stoll at (716) 664-9502 ext. 202 or kaw249@cornell.edu or [online](#).

Wednesday, November 25

Family Beaver Full Moon Hike – 7 to 8:30pm. Join Naturalist Mark Carra to explore the Beaver Moon. Let's hike around Beaver Meadow and learn about our namesake mammal and all that makes them such an important part of Western New York. Come and be enlightened by the light of the Beaver Moon. Preregistration is required. (BM) \$5 Family Program. 585-457-3228.

Thanksgiving Eve Full Moon Stroll at Tiff Nature Preserve- 6:00pm - 07:30pm. Contact 716.825.6397 Start your night off right with a quiet guided stroll under the full moon in search of Buffalo's wild night life. Pre-registration required for ages 18+. \$5 Non-Members. BMS Members save 10%.

Thursday, November 26

Happy Thanksgiving!!

Friday, November 27

White-Tail Deer Talk and Walk-1pm. Learn about how deer survive winter, plants that are deer resistant and the dangers of feeding wild deer. Reinstein Woods, 93 Honorine Drive, Depew, NY 14043. To register call 716-683-5959.

Saturday, November 28

Turkey Stroll-10:30am. Join a post- Thanksgiving nature walk to search for wild turkeys and the clues they leave behind. Reinstein Woods, 93 Honorine Drive, Depew, NY 14043. To register call 716-683-5959.

Give Thanks to Nature – 10am to noon. Join Naturalist Mark Carra for a leisurely hike to look for the signs of nature's benefits from the Native American perspective in the unique habitat at our Ghost Pond property. We'll meet at Beaver Meadow. Pre-registration is required. (BM) \$5; \$3 BAS Members. 585-457-3228.

Birding 101 at Unity Island (Formerly known as Squaw Island) – 10am to noon. Meet at North Parking Lot. Come join Buffalo Audubon Naturalist Tom Kerr for a beginner's lesson on birdwatching on the Niagara River. Unity Island is one of the best places in Buffalo to see birds of all kinds! With all the ducks and gulls arriving on the river for the winter, late fall is one of the best times to get into birding. We'll learn how to use binoculars and identify birds using field marks, and get you started on your life list! Binoculars are available. All ages are welcome. Pre-registration is required. Donations. 585-457-3228.

Sunday, November 29

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.

Trek Tiff- 2 to 3:30pm for all ages. Guided tour of Tiff Nature Preserve. \$2 donation appreciated. Call 825-6397 to confirm that walk will be taking place.

Monday, November 30

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.

Tuesday, December 1

2015 C-SAAHN 'IMAGINE' Tuesday Noon-Hour Lecture Series- Downtown Buffalo & Erie County Public Library at "Ring of Knowledge" area. Free to all. Noon - 12:30 P.M. "From Monet to Van Gogh: A History of Impressionism : The First Exhibition", The Great Courses Video #9 by Professor Richard Brettell, The University of Texas at Dallas; 12:30 - 1:00 P.M. "IMAGINE Lifelong Learning and Buffalo Niagara as a Bi-National Cultural & Nature Center: The Arts + STEM = STEAM", Speaker - Michele Agosto, Supervisor of Art, Buffalo Public Schools.

Wildlife of Erie County-6:00pm - 08:00pm. SPCA's Wildlife Department will share heart-warming stories and remarkable case studies of their wildlife patients. Veterinarian Dr. Karen Moran, Vet Technician Bev Joves and Director of Wildlife Rehab Barb Haney will present, along with the SPCA's live wild education animals. Preregistration required; ages 8+. \$5 non-members, BMS Members save 10%. [register](#)

Wednesday, December 2

Greater Buffalo Niagara Regional Transportation Council Meeting- 9:30 AM . Public Welcome. 716-856-2026. 100 Seneca St., Buffalo.

Tips for the Environment:

- 1. Reduce your hazardous product disposal needs**- Hazardous materials should not be placed in household trash, but drop-offs for these materials are infrequent. Consider options for these products when you purchase. Latex paint can be disposed of in household trash if you remove the canister's lid, add kitty litter or saw dust, let it dry and place in the trash (make sure the lid is off so the sanitation worker can see that it is empty). For tips on alternatives to hazardous materials, visit <http://www.dec.ny.gov/chemical/8781.html>.
 - 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.
-

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

Thanksgiving is a great reminder to look for the joy around us and to be thankful every day for the blessings in our lives. This year, as you plan your holiday dinner, keep two words in mind: **organic** and **local**, they will guarantee a healthier, more nutritious meal.

Going green on Thanksgiving does not have to be complicated. Buying local ensures 1) that more of the money spent on food goes to the local farmer; 2) it keeps your dollars circulating in your own community; and 3) cuts down on the distance that food travels thus reducing the consumption of oil and carbon emissions nationwide. A bag of carrots is often transported east from Los Angeles, CA, more than 2,500 miles away. Buy from local farmers; squash, sweet potatoes, yams, apples, pears, spices and a variety of greens are all readily available at this time of year. The benefits of buying organic are obvious - no pesticides or herbicides.

Where do turkeys come from? They are indigenous to North America, but today's turkeys are deficient in one obvious way: they cannot reproduce and have been bred to produce the most meat at the least cost. Most turkeys are now dependent on human intervention to fertilize their eggs. Heritage turkeys, in contrast, mate naturally, live outdoors and grow slowly. When buying your traditional turkey check your local farms. Make sure that no hormones or antibiotics have been pumped into the bird. Also, ask if it is range free, if the answer is yes then order a fresh turkey to be picked up close to the holiday. If you do not find a poultry farm then look for all-natural turkeys at local co-operative markets. You may also prefer grilled whole salmon or a vegetarian casserole for those who do not eat meat.

Going green on Thanksgiving does not have to be complicated. This celebration is an opportunity to get the whole family involved in a green lifestyle.

Liven up your Thanksgiving gathering by adding a few decorative touches. Purchase a tablecloth and cloth napkins of a seasonal color, which can be washed and **reused** for years to come. Also, by using your china, silverware and glasses you do not have to dispose of paper plates and utensils thus **reducing** waste in landfills.

After you have enjoyed your meal and the guests are relaxing in the living room try the following conversation starter "What does Thanksgiving mean to them? What they are thankful for? What's their favorite memory or funny story about Thanksgiving?" It is amazing what one can learn about people that we have known for years and the children will learn more about their elders and family traditions.

Don't assume that all of your friends and acquaintances have been invited to a Thanksgiving celebration. Holidays can be a very lonely time for many who do not live near their family, or for whatever reason are estranged from them. If you are not sure, extend the invitation anyway. Many people are alone at this time of year.

Thanksgiving is about caring, sharing and giving thanks. Let's show God how thankful we are for the beautiful planet he gave us to enjoy! With a little ingenuity and planning, a simple, green holiday celebration is something we can all be thankful for. Make a commitment to **recycle**. Teach your children to carry the habit of ecological conservation forward. Above all, show them by example how to care for the environment by **reusing, recycling** and avoiding waste.

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

Happy Thanksgiving!

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.

Tiftt Nature Preserve also needs volunteers for their programs, communications, fund-raising and other events. Call 662-1342 or email tifttfriends@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

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

Green Shoots for New Americans-

http://www.jersbuffalo.org/index.php/programs/category/Green_Shoots_for_New_Americans

Good Food Farm- www.goodfoodfarm.blogspot.com

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

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

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

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

Niagara Malt- www.niagaramalt.com

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- www.heritagebreedsusa.com/TMeadow.html
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
NY Sustainable Agriculture Working Group- <http://www.farmtraveleronline.com/>
NYSAWG Links to Farmers' Markets, CSA, Other farms- <http://www.nysawg.org/directory-of-farms.html>
Local Harvest (resource site)-<http://www.localharvest.org/>
NY Agri-women - <http://www.newyorkagriwomen.com/>

Local Tourism promoting Sustainability

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

Recycling, Reuse, 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/>

Miscellaneous:

Green America's guide to Socially Responsible Investing- <http://pubs.greenamerica.org/i/116105>
Buffalo Relocation and Self-Promotion <http://www.wherelifeworks.com/>

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

Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June	http://adk-nfc.org/
Allegany Nature Pilgrimage	http://alleganynaturepilgrimage.com/
Alliance for the Great Lakes	www.greatlakes.org
American Planning Association-WNY Section/Upstate	www.wnyapa.com
American Meteorological Society-WNY Chapter	www.facebook.com/amswnychapter
Amherst Greenways	http://Amherstgreenways.org
Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html
Animal Advocates of Western New York	http://www.animalswny.org/
Aquarium of Niagara	www.aquariumofniagara.org
Artfarms	http://www.artfarms.org/
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/

Bless the Beasts Foundation	http://blessthebeastsinc.webs.com/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Audubon Society/Beaver Meadow Nature Center Volunteer Day every Wed. 10am-2pm at Beaver Meadow	www.buffaloudubon.org
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Astronomical Association	http://www.buffaloastronomy.com/
Buffalo Bike Share	www.buffalobikeshare.org/
Buffalo Brownfields Opportunities Areas	http://buffalobrownfieldopportunities.com/
Buffalo Citybration	http://citybration.com/
Buffalo Complete Streets	http://buffalocompletestreets.org/
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 Urban Development Corp	http://budc.ecidany.com/
Buffalo Urban Outdoor Education	www.buoe.org
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 Justice Action Group of Western New York	http://weact.org/Coalitions/tabid/182/Default.aspx
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	http://excaliburl.org
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
Food is our Medicine Project	www.foodisourmedicine.org/
Food Policy Council of Buffalo & Erie County	http://hkhcbuffalo.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
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/
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/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
National Buffalo Garden Festival	http://www.nationalgardenfestival.com
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/
Net+Positive	www.netpositivefoundation.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 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
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/
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 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/
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/
Voice-Buffalo	http://www.voice-buffalo.org/index.html
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://wnyssc.org/
Western New York Service Learning Coalition	www.wnyslc.org
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/new/projects.html
West Side Ministries	http://www.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org

Wild Kritters	http://www.wildkритters.com/
Wild Ones, Native Plants and Natural Landscapes	http://www.wildonesniagara.org/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	http://www.buffalowind.org
Working for Downtown	http://www.workingfordowntown.org/
World on your Plate	http://www.worldonyourplate.org/