# **Enviro-News**

## March, 2017

# 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 for the Environment, The 4R's by Lesley Haynes
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

#### **Articles:**

## "Journey of the Universe"

The Interfaith Climate Justice Community will present the award-winning documentary, "Journey of the Universe" at the Burchfield Penney Art Center, 1300 Elmwood Ave. on Sunday March 12th at 2:00 p.m. Evolutionary philosopher Brian Thomas Swimme and Yale historian of religions Mary Evelyn Tucker have crafted an elegant narrative story of the universe that illuminates and celebrates the profound role humans play in the flourishing of the Earth. The film explores cosmic evolution as a profoundly wondrous process based on creativity, connection and interdependence. Both Swimme and Tucker envision an unprecedented opportunity for the world's people to address the daunting ecological and social challenges of our time. Free and open to the public. Contact: Judy Fitzgerald <a href="fitzjud@gmail.com">fitzjud@gmail.com</a>.

#### National Geographic Live: Coral, Fire and Ice

Explore a hidden universe through the eyes of the photographic team of David Doubilet and his underwater partner Jennifer Hayes in "Coral, Fire and Ice". The 90–minute presentation with slides and a Q & A will take place **Tuesday**, **March 14, 2017**, beginning at 7 PM at Kleinhans Music Hall, 3 Symphony Circle in Buffalo. David Doubilet is one of the most prolific living photographers at National Geographic magazine, and a legend for his groundbreaking work. Jennifer Hayes is an aquatic biologist and a globally published photojournalist. The two will lead you on a visual journey from their recent National Geographic assignments, from the tropics to the polar ice. General admission seating is \$35; students \$15; reserved VIP seats at \$75 includes a pre-event meet and greet at 5:30 pm with the photographers. <u>Tickets</u>

## **Master Gardener Education Day**

Master Gardener Education Day will be held on **March 18** from 8:30am to 3pm at Classics V Banquet Center, Niagara Falls Blvd., Amherst. The event is open to the public for the second year and sold out last year. The day includes a hot buffet lunch and basket raffle. Speakers include Ellen Ecker Odgen: author of 5 books including, "The Complete Kitchen Garden". She will do 2 presentations on Kitchen Gardens and Garden Design and Dr. Toni DiTommaso a professor of Weed Ecology at Cornell Univ. will speak on weed identification and management. Info and Ticket Link

#### **Maple Harvest Festival**

The Buffalo Audubon Society will be holding its annual Maple Harvest Festival on **Saturday and Sunday, March 18** and 19. Activities run from 9:00 AM to 3:00 PM at the Beaver Meadow Audubon Center, 1610 Welch Road, North Java. See maple syrup being made, tree tapping demonstrations, have a taste of jack wax, along with activities and maple themed crafts for children. Maple syrup and other maple products will be available for sale in the gift shop as well as maple cotton candy and other maple snacks! Fuel up with our famous Pancake Breakfast, which includes all you can eat pancakes along with sausage and scramble eggs. Cost is \$9 for adults and \$7 for children 12 and under. Children 3 and under are free. More info can be found at www.buffaloaudubon.org.

#### **New York Water Environment Association Conference**

The NYWEA Western Chapter is pleased to announce that the 35th Annual Greater Buffalo Environmental Conference (GBEC) will be held on **Tuesday, March 21, 2017** in the Grand Ballroom of the Adam's Mark Hotel 120 Church Street, Buffalo, New York 14202. If you have any questions concerning this Conference, please call Ms. Lisa Smith (716) 856-2142. For additional information or registration, visit <a href="https://www.wnywea.org">www.wnywea.org</a>.

## Become a Citizen Scientist Through FrogWatch USA

New York State Department of Environmental Conservation (DEC), in partnership with Friends of Reinstein Woods, will train interested volunteers to help FrogWatch USA on **Tuesday, March 21** at 7 p.m. at <u>Reinstein Woods Nature Preserve</u>. Community members can join an international team of citizen scientists by monitoring frog populations in the many wetlands throughout the preserve. The training is designed for people who are able to commit to monitoring at least one evening a week throughout the spring. Participants will learn to identify local frogs and toads by their mating calls and how to record data to be submitted to a national database. This data provides valuable information on the rise or decline of local amphibian populations and contributes to national conservation efforts. Registration is required for the training. Contact Reinstein Woods at (716) 683-5959 to sign up.

#### Plantasia

The annual spring garden show Plantasia will be held **March 22 – 26** at the Hamburg Fair Grounds. There are many garden related vendors, display gardens and plant society information booths, flower show as well as free workshops during each day. For more info go to: https://plantasiany.com/

#### Pop Up Playdate Café

The Pop Up Playdate Cafe is a cooperative community building venture between The Backyard Atelier, Tipico Coffee, Butter Block, and Urban Creatives LLC. As a participant, you and your family and friends are joining us as leaders in cooperative community building. Your commitment to join us is a commitment to build humanity. Check it all out yourself with your family, an ideal outdoor play experience for small children up to age seven on **Saturday, March 25**, 10 am to 12 pm at Tifft Nature Preserve. With combined play materials from Tifft Nature Preserve and The Backyard Atelier, children will be able to let their imaginations run free at the Pop Up Playdate Café as they play with new friends. Register online at Pop Up Play Date Café. For a recent article, visit <a href="here">here</a>.

#### **Buffalo Mini Maker Faire: Exhibitors Wanted**

Are you a tech enthusiast, crafter, homesteader, scientist, garage tinkerer or inventor interested in showing off your creativity and ingenuity? Apply today to be an exhibitor at the fourth annual Buffalo Mini Maker Faire at the Buffalo Museum of Science! TO APPLY <u>click here</u> or select the image above. There is no minimum age restriction - young makers are encouraged to apply! Applications are due by **Monday, March 20** at 8am (EST). To learn more about Buffalo Mini Maker Faire, <u>click here</u>. Event is on **Saturday May 20** from 10am to 4pm.

#### Wildlife Rehabilitation Classes

Association for Wild Animal Rehabilitation and Education (AWARE), will be offering a workshop for those interested in preparing for a wildlife rehabilitator license and/or volunteering with AWARE. The workshops will be held at Starpoint Central School, 4363 Mapleton Road, Lockport, NY. Session II will meet March 4, March 11, and March 18, 2017 from 10:00 AM – 1:00 PM. This session specifically focuses on the rehabilitation of birds. Included in this session are; applying for USF&W permits, legal issues, species identification, handling and safety, bird anatomy and physiology. Care of orphaned birds, bandaging, treatment techniques, housing, caging, pre-release conditioning and diseases. There will be live birds brought in for training purposes. Following each session, students are given a certificate that can be used when applying for their license and permit, and are encouraged to join our volunteer team for the hours needed to acquire their license and permit. For info, visit http://www.awarewildlife.com

#### 2017 Tree and Shrub Orders for Erie and Niagara Counties

Erie County Soil and Water Conservation District is taking orders for their seedling until **March 17**. Their pickup day will be April 22. For order info, visit <u>Tree and Shrub Orders</u>.

Niagara County Soil & Water District is accepting tree orders until **March 10, 2017**. Pickup is Friday, April 21, 2017 9:00am to 4:00pm and Saturday, April 22, 2017 9:00am to 12:00pm at Niagara County Fairgrounds - 4487 Lake Ave (Rt 78), Lockport, NY 14094.

#### Landscape Fundamentals in a Changing World

The 9th Annual Ithaca Native Landscape Symposium will be held **March 10-11**. The symposium's theme is "Landscape Fundamentals in a Changing World". Technology, industrialization, and growth, plus natural and unnatural factors we don't even understand, are changing the ecology of our entire planet, even as we are learning how to understand the changes. Elaborate tapestries of thousands of species, including humans, must be always evolving if they want to survive. And yes, landscapes are changing too—natural landscapes in the wild, built landscapes in our cities and towns, and even the ways we, as professionals and caretakers of landscapes, view them. Visit <a href="http://www.ithacanativelandscape.com/">http://www.ithacanativelandscape.com/</a> for registration.

## 15th Annual New York State Green Building Conference

The upcoming 15th Annual New York State Green Building Conference will be held on **March 30-31, 2017** at the Marriott Syracuse Downtown in Syracuse, New York, the site of extraordinary historic restoration and revitalization. We are excited to be holding the 2017 conference in this historic downtown venue! As the premier green building conference in the northeast, our progressive advisory council has fostered our growth by consistently bringing together top green building researchers, educators, and practitioners. Last year's conference attracted participants representing eight states and 31 counties across New York. Conference participants represented many industries, including architecture, engineering, construction, consulting, deconstruction, landscape architecture, government, higher education, K-12 education, state agencies, real estate and management firms. <a href="http://www.usgbc.org/event/new-york-state-green-building-conference">http://www.usgbc.org/event/new-york-state-green-building-conference</a>

## 3rd Annual Sustainable Business Expo

The WNY Sustainable Business Roundtable invites you meet our exhibitors and sponsors, learn about innovative local businesses, be inspired by the keynote speakers and have some fun on **Tuesday April 18** from 3-7:30 pm at the historic American Axle Building in Buffalo. This year's theme is the Triple Bottom Line. The EXPO starts at 3:00 with the opening of the Exhibitor Space. Local businesses will use this forum to introduce new products and meet new customers. At 5:00 a visionary panel of speakers will describe how their companies transformed and prospered using Triple Bottom Line practices. Vincent Stanley from Patagonia, John Fullerton from the Capital Institute, and Fred Keller from Cascade Engineering will each speak and then they will join a roundtable discussion facilitated by Ali McPherson of NiagaraShare. At 6:30 the Exhibitor Space reopens and the informal mixer begins. The event is free, but registration is requested at register. The EXPO will be held at the American Axle Building at 1001 E Delavan - a great revitalized space with secure, free parking.

#### **Buffalo YIMBY Festival**

Buffalo YIMBY (Yes in my Backyard) Festival is planned for **April 22, 2017** at the Tri-Main Center, 2495 Main St., Buffalo from 10am-4pm. This free, public event will celebrate and provide support to Buffalo's vital grass roots improvement efforts, and the people that make them happen. This year's festival is called "BUFFALO BLOCK-BY-BLOCK" and will highlight the ultimate grass roots organization: the Neighborhood Block Club! YIMBY invites all Buffalo's Block Clubs, Community Organizations, Neighborhood Associations, and interested individuals to gather together under one roof to get to know each other, to share success stories and challenges, and to learn more about hands-on, simple actions to make our city better, block by block. For info, visit <a href="https://www.facebook.com/events/153085731846509/">https://www.facebook.com/events/153085731846509/</a>

## Gooseneck Hill Waterfowl Sanctuary Fundraiser

Taste of the Southtowns will be held on **Sunday April 23** from 11:30-5 P.M. inside St. Aloysius Hall, 190 Franklin St., Springville. Seven Restaurants will be serving 50 food items including: Prime Rib, Salmon, Beef tenderloin, Crab cakes, Beef on Weck, Pulled Pork, Tacos, Soups, Peanut Butter Pie, Apple Pie, Brownies & more. Food Items from \$1.00 to \$4.00. 50 Basket Chinese Auction, Silent Auction, 2 Live bands: "The Rustic Ramblers" and "Wagner & Winston". Get a Massage by Eric Davis for \$1/minute. Free Admission with purchase of Chinese auction or food tickets. Proceeds benefit Gooseneck Hill Waterfowl Sanctuary, a 501c3 organization, the largest waterfowl sanctuary in the US with over 700 endangered and protected ducks, geese and swans and over 70 different species. For info call 716-942-6835, rosebird@frontiernet.net, or visit www.gooseneckhillwaterfowlfarm.com.

## "City House Models"

Eleven Twenty Projects is pleased to announce an exhibition of new works by internationally recognized artist Dennis Maher. *City House Models* presents a selection of 2D and 3D wall hangings and sculptures that have been assembled from fragments of Maher's ever-changing domestic space, The Fargo House — an experimental art and architectural oasis located on Buffalo's west side. The gallery at 1120 Main St., Buffalo will host an opening reception on March 2 from 6-9pm and then the exhibit is open until April 15, with gallery hours 11am-4pm on Fridays and Saturdays. The works on view at the gallery incorporate toys, models, architectural miniatures, drawings, hardware and other found objects. The resulting aggregates can be read simultaneously in many ways: as maps, vertical cities, ruinous landscapes, building plans or sections. Drawing upon and reinterpreting conventional architectural imagery, they playfully embrace relationships between objects and places, proposing a cosmology of imaginary environments that exist at the matrix of mind and matter.

#### **Renewable Energy Conferences in April**

NY-GEO 2017 will be held from **April 19-20** in Albany, NY. This conference features information on geothermal heating and cooling. Save registration costs with early registration until March 1 at <u>Early Bird Registration</u>.

The 13<sup>th</sup> Annual Symposium on Energy in the 21<sup>st</sup> Century will be **April 21** at The Links, East Syracuse. Info can be found at <u>REGISTER NOW</u>. Optional tours follow the meeting.

#### **SkyRide: Save the Date**

The SkyRide, GObike Buffalo's signature annual event will be on **Sunday, May 21**. This is one of our favorite vehicles for highlighting our city's roadways and the possibilities for change that can have tremendous impact in our community. Join us for this year's SkyRide, our unique fundraising bicycle tour that includes an incredible, scenic ride over the Skyway. Our plans for the SkyRide have always been ambitious. This year we're taking biking to new heights. For info or to register, visit <a href="https://www.skyridebuffalo.org/">https://www.skyridebuffalo.org/</a>

## EPA to Kick Off Green Infrastructure Webinar Series on March 14

EPA's Office of Wastewater Management will be hosting its first webcast of the 2017 Green Infrastructure Webinar Series on **Tuesday, March 14th** from 1:00 p.m. to 2:30 p.m. EDT. The webcast will feature the work of two grantees of EPA's Science to Achieve Results (STAR) grant program, who are working to achieve new insights and promote continued green infrastructure implementation and innovation in communities across the country. Don Katnik with the Maine Department of Inland Fisheries and Wildlife will illustrate how urban planners can use geospatial information systems (GIS) to map regional development for the purpose of preserving and enhancing green infrastructure. Robert Traver with Villanova University will focus on the performance monitoring of urban green infrastructure practices in Philadelphia. <a href="https://www.epa.gov/green-infrastructure/green-infrastructure-webcast-series?utm">https://www.epa.gov/green-infrastructure/green-infrastructure-webcast-series?utm</a> medium=email&utm source=govdelivery#upcomingwebcasts

## **DEC Adopts New Freshwater Fishing Regulations**

New freshwater fishing regulations go into effect April 1, 2017. The modifications to the sport fishing regulations are a result of a two-year process that included biological assessment, discussions with anglers, and a formal 45-day public comment period. Highlights of the new regulations include: Adjustments to existing walleye regulations in various waters throughout the state, including measures to protect spawning walleye and conservative minimum harvest size and creel limits in waters where managers are trying to establish self-sustaining populations of this popular sport fish; Allowing ice fishing in some waters and restricting the number or use of devices used for fishing through the ice in other waters to protect self-sustaining populations or limit fishing pressure; and Simplification of the black bass regulations in Lake Erie by compressing the three existing seasons into two while expanding opportunities to use live bait and harvest one large bass per day during a special season. For more info, visit summary of the regulations changes

#### **Local Foods College**

Join us in 2017 for the 6th annual Local Foods College webinar series! These **FREE** online classes are available to anyone interested in strengthening food systems, and run until **March 14, 2017**. Sessions are held **Tuesdays at 6:00 p.m.** and can be viewed from any computer with internet access. *Local Foods College is free but registration is required:* REGISTER HERE. Remaining topics are "Seed Saving" on March 7 and "Raising Poultry for Fun or Profit" on March 14. http://www.extension.umn.edu/rsdp/statewide/local-foods-college/

## **DEC Announces New State Recreation Trail Supporter Patch**

New York State Department of Environmental Conservation announced release of the newly designed Trail Supporter Patch. The updated design is the first in a three-color series of patches and resembles the trail markers used by DEC to mark north-south directional trails, a blue round disc with white lettering. The Trail Supporter Patch is available for \$5.00 at all sporting license outlets or on-line at the DECALS website for current New York State sporting license holders and will officially be available for purchase on March 1. Patch sale proceeds help maintain and enhance non-motorized recreation trails throughout the state. All monies raised from patch purchases will be deposited in the Conservation Fund's Outdoor Recreation, Trail Maintenance, and Development Account.

#### **Tesla Fest: Call for Participation**

The Buffalo-Niagara Tesla Festival, taking place this **September 22-24**, has an <u>updated website</u> and open Call for Participation. Whether you simply wish to learn more about Nikola Tesla, become a sponsor, volunteer at the Victorian-inspired "Power Banquet", show your art, plan the steampunk after-party, or participate in the science fair, we are reaching out to those in the community to share ideas and submit their area of interest. This is a preliminary step, to help us organizers gather information and gauge interest. Don't worry if your idea isn't fully fleshed out, or if you're not 100% sure what area of interest you should choose. We're staying flexible so we can make this event as engaging and fun as possible for you! Please share <u>our website</u> and our <u>Facebook page</u> with colleagues, friends and family who may want to attend or participate. We're expecting attendance from the region, state, and possibly abroad (Tesla was born in what is now Croatia!) and there will be many access points for the event: science/innovation, the arts, culture, placemaking and sustainability. Thanks for your patience as we get this brand new event off the ground. Your support is deeply appreciated.

#### NY-Sun Solar Guidebook and Technical Assistance for Local Governments

NYSERDA recently developed and launched the NY-Sun Solar Guidebook for Local Governments. NY-Sun designed the Solar Guidebook to help local governments prepare for and develop their local solar economies. The Guidebook includes updates to the NYS Unified Solar Permit and guidance on the New York State fire code, along with other practical information to aid local officials. Does your town need an expert's opinion on a solar question? Local governments can access free training and technical assistance from NYSERDA's NY-Sun Photovoltaic Trainers Network (PVTN). The PVTN can help with all types of questions relating to New York State's solar electric market. The PVTN has expertise on topics including solar photovoltaic engineering, code and inspection, solar policy and regulatory development, and stakeholder engagement. The PVTN offers in-person trainings for municipal officials statewide and a set of online resources about solar energy.

#### 3rd Annual Spring into Summer Fundraising Luncheon

The 3<sup>rd</sup> Annual Spring into Summer Fundraiser is a luncheon supporting Olmsted Parks. The event is held on **May 9** from 11:30am to 1pm at Kleinhans Music Hall. Don your smartest spring hat or bow tie and please join us as we kick off the start to a beautiful Olmsted park season! <u>Find out more about the luncheon.</u>

## **Register Now for Cycle the Erie Canal**

Join cyclists from across the country and around the world for Parks & Trails New York's 19th annual Cycle the Erie Canal bike tour. Enjoy beautiful scenery, fascinating history, and a one-of-a-kind cycling experience on this fully supported eight-day ride from July 9-16 across New York between Buffalo and Albany. Cycle the Erie Canal attracts riders of all ages and abilities, from beginners and families to experienced cyclists. Two- and four-night options available. <a href="http://ptny.org/cycle-the-erie-canal/annual-bike-tour">http://ptny.org/cycle-the-erie-canal/annual-bike-tour</a>

#### **Project Sunroof**

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

## **Reuse Action Needs your Reusable Materials**

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

#### **Summer Advanced Bander Workshop**

Braddock Bay Bird Observatory is pleased to offer an Advanced Banders' Training Workshop, running from the afternoon of **Wednesday July 19** through the morning of **Sunday July 23, 2017**. As this is an advanced workshop, we suggest that workshop participants have prior mist-netting and banding/processing experience of at least 200 birds. The cost of the course is \$250.00 (\$225.00 plus a \$25 registration fee), which includes the cost of housing and materials. Meals in the area are the students' responsibility. If you can provide your own housing, the cost of the course will be reduced by \$50. To sign-up, download the <u>Summer 2017 Advanced Workshop Application</u>. For additional information about the Banders' Training Course please contact:

#### **DEC Programs Encourage Pharmacies to 'Take Back' Medicines**

The New York State Department of Environmental Conservation (DEC) announced two new initiatives to encourage the proper management and disposal of products potentially harmful to public health and the environment. The Pharmaceutical Take-back Program is a \$1 million pilot program promoting the proper disposal of unwanted or unused prescription medicines that covers the costs of consumer drug collection boxes and disposal for two years. The State's second initiative, the Environmental Audit Incentive Program, offers incentives to pharmacies to better identify, manage, and properly dispose of certain materials currently regulated under the federal Resource Conservation and Recovery Act (RCRA), including some medicines, batteries, ignitable liquids, and lamps containing mercury. The 2016-17 State Budget included \$1 million through the Environmental Protection Fund for the statewide pilot take-back program, which will be used to cover the full cost of purchasing U.S. Drug Enforcement Administration (DEA)-compliant medication drop boxes, as well as the cost of pick up, transport, and destruction of all collected waste pharmaceuticals by a DEA-registered reverse distributor for a period of two years. Pharmacies that would like to participate in this program are encouraged to apply on-line at the Pilot Pharmaceutical Take-back Program web page on DEC's website. The deadline for applications is May 1, 2017.

## **Funding for Foam Recycling Programs**

The Foam Recycling Coalition, part of the Foodservice Packaging Institute, seeks applicants looking to start or strengthen a post-consumer foam polystyrene recycling program. Both public and private organizations involved in managing residential curbside recycling programs or material recovery facilities are eligible to apply for funding. This initiative helps fund infrastructure for the collection, processing and marketing of products made from foam polystyrene. It targets post-consumer foam polystyrene products, which includes foodservice packaging (i.e., cups, plates, bowls, clamshells, cafeteria trays) and other types of packaging, such as egg cartons; meat trays; and protective packaging (used when shipping electronics and other fragile items). The FRC distributes up to \$50,000 for each grant. Grant amounts are determined on a case-by-case basis dependent upon equipment needs. Although no cash match is required, additional costs may be incurred by the grantee for related items such as site preparation, provision of conveying system, electrical infrastructure, freight and other installation costs. **Applications must be submitted by April 17, 2017 for priority consideration.** The FRC will announce grant recipients throughout the year. Further information and grant application are available at <a href="https://www.recyclefoam.org">www.recyclefoam.org</a>.

#### **Governor Cuomo Rescues Geothermal Jobs**

Governor Cuomo has set aside \$15 million over two years in geothermal heating and cooling rebates for New Yorkers. Geothermal installations use the constant temperature under the ground's frost line to renewably heat and cool homes and businesses without producing greenhouse gases on site. This industry is key to New York reaching its 40% greenhouse gas reduction goal by 2030 as more than a third of the State's greenhouse gases come from the heating sector. Over 1,000 New York jobs in the industry had been put at risk by the sunset of a 30% federal tax credit which faces dim prospects of renewal with federal energy policy now firmly controlled by fossil fuel interests. The funding will support geothermal installation rebates of \$6,000 for an average sized home. Geothermal is one of the least expensive ways to heat and cool, but the up-front costs of installing thermal exchange pipes below the frost line is a barrier for many businesses and homeowners. The rebates are set at a minimal level to stimulate the market for 2 years while longer term plans are put in motion. The long- term goal is to allow market mechanisms to absorb the up-front costs, leading to a widespread transition to renewable heating and cooling. The geothermal initiative fits well with Cuomo's commitment that 50% of New York's electricity will come from renewables by 2030. The combination of geothermal for heating and cooling and solar panels to generate electricity is the most direct path to eliminating carbon emissions from homes and businesses in New York.

## "The Story of Microfibers"

Story of Stuff has released a new 2-minute movie, *The Story of Microfibers*, that aims to blow the lid off of this seemingly invisible issue. Their goal is to build awareness of this growing problem and create a groundswell of support for holding clothing manufacturers accountable for their products' impacts on our shared waters. View at <a href="http://storyofstuff.org/">http://storyofstuff.org/</a>.

## Wind and Solar Simulations for Global Availability

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

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

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

## **Tool for Sourcing Local Meat**

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

#### **Watch the Know Your Food Series**

Know Your Food is a short film series that introduces consumers to key terms and principles that can help them make more informed decisions about the food they eat.

Click here to watch the Know Your Food videos.

#### **Food not Bombs**

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

## Hemlock Woolly Adelgid Educational Video

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

## **Service Learning Training for College Faculty**

The Western New York Service Learning Coalition invites faculty to apply to be Service-Learning Faculty Fellows. Fellow will acquire an in-depth understanding of service-learning pedagogy through an intensive two-day training program on **May 23-24** facilitated by nationally recognized experts, and will be supported through the process of converting an existing course or creating a new course which incorporates service-learning. <u>Apply today.</u>

#### What to Grow this Season?

For those of us who grow vegetables, Cornell University has just published their *Selected List of Vegetables for Gardeners in NYS 2017*. Get information at: <u>vegvariety.cce.cornell.edu</u>

## Forest Landowner Workshop

A two-day workshop for forest landowners will be held **June 9-10** in Bradford, PA. The training will include a variety of techniques to create healthy forests and help wildlife as well as discuss financial incentives and programs available to landowners. Day 1 includes presentations by expert speakers from U.S. Forest Service, Penn State, Natural Resources Conservation Service, PA Game Commission, and Audubon PA about history of Pennsylvania's forests, long-term management planning for your woods, landowner assistance programs, prescribed fire, and what birds need and how to make sure your woods have it. On day 2 participants will visit a variety of sites to see examples of the practices and habitat discussed during Day 1 of the workshop and, depending on conditions, have the opportunity to see birds in hand at a bird banding site. Transportation will be provided for these site visits. Lodging is available at University of Pittsburg-Bradford. Call 814-362-0989 to make reservations (reservations accepted beginning April 1st, \$137/night for apartment-style rooms). The workshop is free, but required registration is at <a href="https://www.eventbrite.com/e/working-in-your-woods-a-birds-eye-view-tickets-29755251759">https://www.eventbrite.com/e/working-in-your-woods-a-birds-eye-view-tickets-29755251759</a>

#### Clean Power for All

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

## **Clean Energy Communities in New York State**

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

## World Wildlife Fund Offers Training in Climate Change and Adaptation

New to adaptation? Overwhelmed by new concepts and terminology? Start here! WWF has developed a series of free, interactive online courses on climate change and adaptation designed specifically for those interested in biodiversity conservation but just as useful for people working in other fields. The courses use simple, non-technical language to explain concepts that are often confusing for newcomers to climate change adaptation. The site also offers instructions and materials for fun, participatory activities for use in face-to-face adaptation trainings. Courses are available in English, Chinese, French, Russian and Spanish. Additional courses, activities and translations in other languages are in development. Check them out at <a href="https://www.wwf.adaptation.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.courses.course

#### Join the Recycling Pledge

Make the commitment to raise Buffalo's recycling rate from its current 26% to 34% (national average0 or more. Interested in pledging? Please visit <a href="www.buffalorecycles.org">www.buffalorecycles.org</a> for resources to help you recycle your materials. You may win the 34andMore T-Shirt too!

#### The U.S. Food Loss and Waste Challenge

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

## Join Youth Service America (YSA)

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

#### APHIS Comment Period: Interstate Movement of Plant Pests, Biocontrol Agents, and Soil

APHIS proposes to revise the regulations that govern the movement into and within the United States of plant pests, biological control agents, and soil, and is soliciting public comments until **April 19, 2017**. Regarding the regulation of plant pests, this proposed rule would clarify the risk-based criteria APHIS uses to determine if an organism is a plant pest and to evaluate and issue permits, revise the definition of a plant pest to include organisms of unknown risk if those organisms are similar to known plant pests and put in place a notice-based process to establish and maintain a list of pests exempted from standard permit requirements. The exempted list would include plant pests that are established throughout their geographical range in the United States; low risk; or commercially available and under purview of another Federal agency, such as the Environmental Protection Agency. As it relates to the regulation of biological control organisms, this proposed rule would establish criteria regarding the movement and release of certain biological control agents in the continental United States, and establish exemptions for certain biological control organisms similar to what is being proposed for widely prevalent, low-risk plant pests. To review the proposed rule or submit comments, go to <a href="https://www.regulations.gov/#!docketDetail:D=APHIS-2008-0076">http://www.regulations.gov/#!docketDetail:D=APHIS-2008-0076</a>.

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

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

## **Protecting your Trees from Oak Wilt**

Oak wilt, a deadly fungal disease for oak trees was discovered in six new locations in New York last year. This disease can be spread by beetles that are attracted to freshly cut or injured trees. Pruning in winter protects oaks from becoming infected. Trees pruned in winter respond more vigorously in the spring, putting out new growth. The oak wilt fungus clogs the trees' transport vessels, cutting off water and food from leaves and the rest of the tree. One way oak wilt spreads is when fungal spores hitch rides on insects. Sap beetles, one of the main culprits, are extremely attracted to fresh tree wounds. Pruning oaks during the growing season greatly increases the chances of insects infecting them with oak wilt.

#### Cornell Small Farms offer Statewide Agroforestry Trainings for Veterans in 2017

The Cornell Small Farms Program is offering two more two-day Agroforestry Trainings for Military Veterans in 2017. Agroforestry includes farming practices that combine trees and forestry with crop production. Each training includes classroom instruction and site visits to farms in active production. Content will cover the technical aspects of production as well as the financial and business considerations for each venture. These workshops are exclusively for veterans and active military personnel with an interest in selling commercial farm products (filing a Schedule F) in 2017 or 2018. The March 31 & April 1 training will cover Log-Grown Shiitake Mushroom Production, while the May 12 & 13 training will cover Managing Trees and Animals in Silvopasture. Learn more and register here

#### **Cornell Small Farms Program Offers Online Courses**

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

#### **Pacific Institute for Climate Solutions Offers Online Climate Courses**

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

## **New Federal Toolkit Provides Guidance for Citizen Science Programs**

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

## **Environmental Working Groups Guide to Healthy Cleaning**

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

#### **Bird App Available**

Audubon has released an updated version of the <u>Audubon Bird Guide app</u> 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: <a href="www.audubon.org/apps">www.audubon.org/apps</a>. The free app also provides a great new way to engage more people in becoming active participants in conservation action. <a href="Find a toolkit">Find a toolkit</a> 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.

#### **Little Free Library Design Competition: Stay Tuned**

The Little Free Libraries movement places small-scale book shelters in neighborhoods and is based on the premise of "take a book, leave a book." Established in 2009, there are now over 36,000 Little Free Libraries in communities worldwide. Initially crafted to resemble miniature one-room schoolhouses mounted on a pole, each library is a unique structure, designed and constructed in a wide range of styles, often utilizing recycled, reclaimed, or salvaged materials. In the coming months, architects, designers, artists, students interested in creating a library as part of this project will be invited to submit their qualifications and describe their interest in the project in response to an RFQ. A jury will select teams to design and fabricate a library, hosted on the property or in the domain of a partnering community organization. Selected design teams will be matched with partner organizations by Buffalo Architecture Foundation. For more on the history and examples of Little Free Libraries, visit LittleFreeLibrary.org. If you have any question regarding the Little Free Library program, please contact the Program Chair, Matt Etu at mattetu@hotmail.com.

## **Connect Kids to Parks Transportation Grant Program**

Grants are available to K-12 classrooms in Title 1 schools across the state to connect New York public school children with nature and New York State history by providing reimbursement grants to public schools for visits to a New York State park, nature center or historic site, Department of Environmental Conservation (DEC) Environmental Education Center or Fish Hatchery or the SUNY ESF Adirondack Ecological Center in Newcomb. Classes may participate in special guided programs at some sites, or self-guided tours. Grants will reimburse bus costs, tolls, the fee for bus entry into the facility and any programs fees, up to \$750. info here

#### **Case Studies in Science Workshop**

The Summer Case Studies in Science Workshop will be held May 22-26, 2017 on the campus of the University at Buffalo, State University of New York. Online registration is now open. The registration fee for the workshop is \$925.00. Online registration is open and will remain open until the workshop is filled (limit 35 people). http://sciencecases.lib.buffalo.edu/cs/training/workshops/

## **New Summer Camp at the SPCA**

The SPCA is the perfect summer destination for campers looking for hands-on animal interactions and a daily look into the world of animal welfare and care. Sessions are offered for children ages 4-14 (currently in K-9th grade). Attendees will interact with animals and participate in activities led by animal experts. To learn more, contact Pamela at pamh@yourspca.org or info and registration here.

## WNY Science and Engineering Fair on April 1

The Western New York Regional Science and Engineering Fair (WNYRSEF), sponsored by WNY Science Congress, Inc., is open to students in grades 5 – 12 from five WNY counties (Erie, Niagara, Orleans, Genesee, and Wyoming). The **April 1** event will be held in Cheektowaga. Registration is open online until **March 3** at <a href="http://wnysc.org/regional-fair/">http://wnysc.org/regional-fair/</a>. Judges are WNY scientists and engineers from many fields of science and model the opportunity for students to build careers right here in WNY.

## Teacher's Resources

Remember the Rainforest-free resources for K-12 with images of rainforest ecosystems for awareness.

Get Two Bird Feeders Free: by signing up for the Integrating Inquiry self-paced online course by June 1.

**In Case You Missed It:** Our free webinar series covers topics like bird-friendly gardens and bird communication. Busy schedule? Check out our webinar archive to watch them anytime.

**Book Guide for** *On Bird Hill:* Our free guide for grades K–2 turn <u>this charming book</u> into lessons in science, art, math, and literacy. Get the guide.

Edible Learning Lab-curriculum allow kids (K-12) to manage the food production process from "Lab to Table".

<u>PLT Online Professional Development for GreenSchools</u>-6 learning hours of professional development for formal and informal educators.

Green Schools Membership- Free for Teachers, educators, students, and administrators. Access to lots of resources.

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

<u>Flipside Science</u> is a youth-powered series that tackles complex environmental topics and empowers viewers to make a difference. This engaging and upbeat collection of videos, hosted by California Academy of Sciences youth, explores how local communities are addressing environmental problems.

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

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

<u>Cool Science Jobs</u> provides real stories about "cool" jobs using science to help inspire the next generation. They also include vocabulary and can be used as mini-lessons in the classroom.

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

<u>Black bear curriculum</u> - provides of free multimedia resources on black bears for educators and students.

<u>12 Pathways to Greening Your School</u> 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!

<u>Faces of EPA</u>-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.

<u>Living Schoolyard Month DIY Lake Science App</u>-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.

<u>Project Localize</u> is a customizable curriculum 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.

<u>Dr. Seuss's The Lorax activity book</u> is one of EPA's most highly sought after publications and is available for free to schools and classrooms around the country.

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

Raptors in the City is a real-time, inquiry-based science program that stars the peregrine falcon. The peregrine has recovered from near extinction and was removed from the Endangered Species list in 1999. The program 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.

<u>SMILE: New STEM Activities for Educators</u> 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.

<u>Free ArcGIS for K-12</u> -Esri is providing free ArcGIS Online subscriptions for use for all K-12 schools. Resources to help schools get started with ArcGIS Online are available here.

<u>PlanetExplore</u>-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 <u>CLEAN</u> (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.

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

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

<u>Architecture 2030</u> 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.

<u>Affordable Green Housing</u> is designed for Grades 9-12 to consider the role habitat plays in fostering diverse, vibrant social structures in well-designed, integrated communities.

<u>Birds Without Borders</u> 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.

<u>Condor Country</u> simulates what zookeepers and field biologists do to help save North America's largest bird. Players will have eggs to hatch, chicks to release into the wild, and a flock of condors to monitor for real-life health threats, including lead poisoning.

#### **Contests and Awards**

Bioenergize Infographic Challenge engages 9th–12th-grade high school teams to research one of five cross-curricular bioenergy topics and design infographics to share what they have learned through various social media channels. The purpose of the Challenge is to enhance energy literacy and foundational knowledge about bioenergy, as well as help students understand how they can play an important role in shaping America's energy future. Deadline to register February 3, entries due by March 3.

YouthActionNet's 2017 Laureate Global Fellowship - Sponsored by the Sylvan/Laureate Foundation, the Laureate Global Fellowship annually recognizes 20 young leaders - ages 18-29 - from around the world who have pioneered solutions to urgent challenges in their communities and beyond. Fellows develop leadership expertise and deepen their impact through a dynamic, yearlong learning experience, and join a network of over 1,500 change-makers like them who continue to benefit from learning opportunities and connections throughout their social change careers. Deadline: March 6

<u>Young Birders Event</u>-Cornell University welcomes 16 promising high-school students for a weekend of birding, ornithology, and career encouragement. Apply to be considered for program. Deadline: **March 15**.

<u>Craig Tufts Educational Scholarship Award-</u>The family of Craig Tufts, Family Summits, Inc., and National Wildlife Federation announce the 7th annual Craig Tufts Educational Scholarship Award, which is given to a young person between the ages of 8 and 18 to attend a week-long summer outdoor educational adventure camp with a parent or guardian. Deadline: **Friday, March 24, 2017.** 

Science Everywhere Innovation Challenge - Science Everywhere is an initiative to catalyze math and science learning beyond school walls, in partnership with DonorsChoose.org. Foundations are providing nearly half a million dollars to match donations from the public to support creative, hands-on project ideas submitted by educators to the DonorsChoose.org platform. At the end of the challenge, a panel of judges led by astronaut Leland Melvin will award five \$5,000 prizes to the best ideas. Deadline: March 24

Recognition and Lead by Example Awards-Environmental Excellence Awards eligible applicants include: Businesses (i.e., small, medium and large businesses, manufacturing, power generation, retail, agri-business, hospitality, sports, etc.), Not-for-profit organizations; academic, health care and recreational facilities, Local, state, federal and Indian Nation government agencies and Individual(s). DEC is interested in receiving applications from organizations that are implementing innovative approaches and technologies, advancing sustainable practices and generating economic growth, harnessing the power of creative partnerships, and inspiring others to undertake likeminded projects. Deadline: April 14, 2017.

<u>J.M.K. Innovation Prize</u> -In 2017 up to ten Prizes will be awarded to those - nonprofits and mission-driven for-profits - tackling our country's most pressing needs through social innovation. The Prize will provide up to three years of support at \$50,000 per year, as well as a \$25,000 "bank" of funds available for technical assistance or targeted project expenses, making a total award of \$175,000. Specifically, the Prize seeks to support innovation in the fields of the environment, heritage conservation and social justice. The Prize is particularly designed for early stage ideas being piloted or prototyped by dynamic visionaries. Deadline: **April 28** 

Witnessing Change Video Competition-a unique grassroots documentary and investigative reporting project on current climate related impacts already affecting American communities. The project asks students to explore the personal costs of climate disruption by interviewing impacted individuals and creating two-minute videos. In the process, they create local dialogues and shareable social media to improve public literacy around immediate consequences of climate change. Students will be awarded cash prizes of \$500 and \$250 for first and second place. Top videos may be publicized by the Climate Cost Project and partnering organizations, through both traditional and new media platforms. Students may produce their videos individually or in teams, and are encouraged to work across disciplines (e.g. environmental studies, journalism, documentary production). Deadline: May 1, 2017.

<u>2017 Ocean Awareness Student Contest</u> is for middle and high school students. The theme of the 2017 Contest is Ocean Pollution: Challenges & Solutions. Students can earn awards of up to \$1,500 for themselves and their schools. Deadline: **June 19, 2017.** 

<u>2017 Marine Debris Creative Advocacy Competition</u>-Students are challenged to implement a real-world project in their school or community that uses the creative arts to educate others and inspire action that reduces or prevents marine debris. Students can participate as groups or individuals, and they can earn awards of up to \$5,000! Deadline: **June 19, 2017.** 

# **Grant and Scholarship Opportunities**

DEC Urban Forestry Grants will enhance landscapes and provide green spaces in urban areas across New York. Grants are available to municipalities, public benefit corporations, public authorities, school districts, soil and water conservation districts, community colleges, not-for-profit organizations, and Indian nations or tribes. Awards range from \$11,000 to \$75,000, depending on municipal population. Tree inventories and community forestry management plans have no match. Tree planting and maintenance projects have a 25% match. Deadline: March 1, 2017.

<u>DOS Brownfield Opportunity Area Planning Grants</u> – municipalities, community based organizations and community boards can apply for \$2 million in planning grants through the NYS Department of State's (DOS) Brownfield Opportunity Area (BOA) program. These planning grants will assist communities that are currently in the BOA program in completing their revitalization strategies for economically distressed areas. Deadline: **March 1.** 

<u>2017 CCE Erie County Master Gardener Scholarship</u>-for a Class of 2017 graduating senior residing in and attending an Erie County high school. Sstudent must be accepted by an accredited NYS college to study horticulture, botany or a related field. A person may receive the scholarship only once. Deadline: **March 1, 2017**.

<u>2017 AIA Buffalo/WNY Scholarship</u> is open to College/University students who are enrolled in a NAAB-accredited architecture program, or program that has received NAAB 'Candidacy' status. Applicants must be from the AIA Buffalo/Western New York Chapter region. The AIA Buffalo/WNY Chapter with the Buffalo Architecture Foundation will dispense up to \$3,000 in scholarship funding for the Academic Year. Amounts awarded will depend on quantity and quality of applicants and will be applied to the Academic Year. Deadline: **March 1, 2017**.

<u>Air & Waste Management Association 2017 Earth Day Grants</u>- The program promotes environmental awareness through creative and impactful educational activities and community engagement efforts. The grant is open to educational institutions and community organizations in the New York State counties of Allegany, Cattaraugus, Chautauqua, Erie, Niagara, and Wyoming. This is intentionally broad! We hope to fund great ideas that seek to dramatically improve environmental awareness in the WNY community. Deadline: **March 3, 2017.** 

Ryan Exline Memorial Scholarship-Each year in early May, Audubon Community Nature Center education staff are joined by guests and together they raise money through a day long Birdathon. The \$500 scholarship raised through Birdathon is awarded to an area college-bound high school senior or college student who intends to pursue a Bachelor's degree in an environmental or related field. Ryan Exline was an integral part of the Audubon family for many years. He assisted with gardening, eagle care, live animal care, and educational programs. He was pursuing a master's degree at Duke University when he died in a car accident. He is deeply missed. ACNC honors him by naming this scholarship for him. Deadline: March 15.

NOAA Sea Grant 2017 Aquaculture Initiative-This opportunity's program objective is to fund projects that integrate, as needed, research, outreach, and education to foster the expansion of a sustainable U.S. marine, coastal, and Great Lakes aquaculture sector in the short-term (2-4 years). This will be done through integrated projects that clearly address major constraints, barriers, or hurdles limiting United States aquaculture production. Letter of Intent must be emailed to the New York Sea Grant Director. Deadline: March 20, 2017.

<u>Invasive Species Rapid Response and Control Grant Program</u> for municipalities, not-for-profits, and educational institutions across the state. The program will support projects that target both aquatic and terrestrial invasive species throughout New York. The New York State Environmental Protection Fund is providing the \$2 million in funding for eligible projects. Grants range from a minimum of \$11,000 to \$100,000, with a required 50 percent match. The deadline for grant applications is March 24, 2017. For a full list of eligible and ineligible projects, please view the Request for Application in the Grants Gateway. Deadline: **March 24**.

<u>Preserve New York and Technical Assistance Grants</u>-Applications are now available to eligible municipalities and not-for-profit organizations to compete for 2017 Preserve New York and Technical Assistance Grants (TAG), signature grant programs of the New York State Council on the Arts (NYSCA) and Preservation League of New York State. Grants of up to \$3,000 are available, with a required \$500 match from each applicant. Deadline: **March 27, 2017** 

Farmer Market Promotion Program provides funds for direct farmer-to-consumer marketing projects such as farmers markets, community-supported agriculture programs, roadside stands, and agritourism. The LFPP supports projects focused on intermediary supply chain activities for local food businesses. LFPP was established in the 2014 Farm Bill to increase funding for marketing activities such as aggregation, processing, storage, and distribution of local foods. The FSMIP provides about \$1 million in matching funds to state departments of agriculture, state colleges and universities, and other appropriate state agencies. Funds will support research projects to address challenges and opportunities in marketing, transporting, and distributing U.S. agricultural products domestically and internationally. Agricultural Marketing Service will host a webinar for potential FMPP and LFPP grant applicants on Wednesday, February 15, 2017, at 2:30 p.m., and a teleconference for potential FSMIP grant applicants on Thursday, February 16, 2017, at 2:30 p.m. The website also contains a link to a grants decision tree, "What AMS Grant is Right for ME?", to help applicants determine which AMS grant fits their project best. Deadline: March 27, 2017.

<u>Paul and Maria Morra Scholarship Trust</u>-The purpose of this scholarship trust is to honor the lives of Paul and Maria Morra (trust benefactors) and their commitment to preserving the natural resources of our region. Applicants must be pursuing further education in the field of horticulture, agriculture, forestry or natural resources. Deadline: **April 1, 2017.** 

Green School Recycling Grant-The NYS Association for Reduction, Reuse & Recycling (NYSAR3) grant program for public and private K-12 schools provides seed, or start-up money for implementation of recycling and waste reduction programs. The goal of this grant program is to provide up to \$500 per school to rejuvenate existing programs, or to develop new programs centered around the 3 R's (reduce, reuse, recycle). Awards are given twice yearly; this is a competitive grant so imagination, ingenuity and initiative are valued. ELIGIBILITY If you have previously received a \$500 grant from NYSAR3, you are currently ineligible. All public and private K-12 schools in New York State are eligible to apply for funding. Deadline: April 7, 2017.

<u>Foam Recycling Grants</u>- Grant program funds foam polystyrene recycling equipment, awareness. Both public and private organizations involved in managing residential curbside recycling programs or material recovery facilities are eligible to apply for funding. This initiative helps fund infrastructure for the collection, processing and marketing of products made from foam polystyrene. It targets post-consumer foam polystyrene products, which includes foodservice packaging (i.e., cups, plates, bowls, clamshells, cafeteria trays) and other types of packaging, such as egg cartons; meat trays; and protective packaging. Deadline: **April 17, 2017 for full consideration.** 

Regional Conservation Partnership Program-Potential conservation partners, including private industry, non-government organizations, Indian tribes, state and local governments, water districts, and universities are invited to submit project applications for federal funding through the Regional Conservation Partnership Program (RCPP). USDA's Natural Resources Conservation Service (NRCS) will award up to \$252 million dollars to locally driven, public-private partnerships that improve the nation's water quality, combat drought, enhance soil health, support wildlife habitat, and protect agricultural viability. **Pre-proposal Deadline: April 21, 2017.** 

Commercial Implementation Assistance Program- Facilities can apply to NYSERDA's program for financial support of up to 50 percent to complete targeted energy efficiency projects. Targeted energy efficiency projects covered by NYSERDA's program include advanced lighting projects, deep energy retrofit projects, advanced monitoring and control systems, oil space heating efficiency upgrades, and advanced technologies that are submitted with a utility referral requesting that NYSERDA consider funding the measure(s). Deadline: **June 30.** 

<u>FWS Coastal Program</u> - The Fish and Wildlife Service (FWS) announced funding to provide direct technical assistance and financial assistance to coastal communities and landowners to restore and protect fish and wildlife habitat on public and private lands. Projects should specify benefits for species and habitats considering the expected effects of climate change. FWS will favor conservation activities and projects that incorporate ecosystem adaptation and help coastal ecosystems and communities adapt to the effects of sea level rise and greenhouse gases. Deadline: **September 30**.

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

<u>Toyota Every Day Capacity Building Grants</u>- 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**.

<u>The Karma for Cara Foundation</u> is encouraging kids 18 and under to apply for funds between \$250 and \$1,000 to complete service projects in their communities. **Deadline: Rolling.** 

<u>Cedar Tree Foundation</u>- Letters of Inquiry Accepted at Any Time. Areas: Environmental Education, Environmental Health, Sustainable Agriculture.

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

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

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

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

<u>WalMart Community and Education Grants</u>. 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.

<u>Environmental Research and Education Foundation</u>. 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.

<u>Toshiba America Foundation</u>. 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.

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

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

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

<u>World We Want Foundation</u> 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.

<u>The Coca-Cola Foundation</u> partners with nonprofits that address priorities focusing on one of the following: Water Stewardship, Healthy and Active Lifestyles, Community Recycling and Education. Rolling deadlines.

<u>Kresge Foundation's Healthy Environments grant program</u> 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.

<u>Cisco Global Impact Cash Grants</u> 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 <u>Eligibility Quiz</u> to see if you can apply.

<u>Technical Assistance Grant Information</u>-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**

<u>Summer Nature Education Internship</u>-Jamestown Audubon Center. The Nature Center's internship program is funded in part by the Ruth Lundin Environmental Internship Endowment created by the Lenna and Johnson foundations and managed by the Chautauqua Region Community Foundation. Mid-May through August. Deadline: **March 1**.

NY State Parks Boat Stewards-Summer seasonal appointment (May-September). Full time (40 hours/week). Work hours are Thursday - Sunday, 10 hours/day. Weekends and holidays are mandatory. Mandatory multi-day training will be held in late May. 20 positions available. Deadline: **March 1**.

<u>Sustainability Engagement Coordinator</u>-University at Buffalo, full-time. The Sustainability Engagement Coordinator will support UB's sustainability initiatives through collaboration, leadership and partnering throughout the campus community. The position will specifically work to connect students, staff and faculty across the university with information, innovation, and tools to reduce UB's footprint on the future and enhance quality of life by improving environmental stewardship, increasing economic efficiency and augmenting cultural values and awareness. Deadline: **March 5**.

Buffalo Niagara Riverkeeper Full-time Project Coordinator/Planner- full time project coordinator/planner to join the Ecological Programs team. The person will assist with planning and implementation of various grant projects and conservation initiatives within the Niagara River watershed. Examples of specific projects and initiatives include, but are not limited to, Niagara River habitat conservation planning and outreach, fish barrier removal/restorations, Buffalo and Niagara River Remedial Action Plan Coordination, and Scajaquada Creek planning and restoration. This position includes active participation in seeking, securing and implementing future grant funding for the organization. Deadline: March 7.

<u>Director of Preservation Services with Preservation Buffalo Niagara</u>-qualified candidates to serve as the organization's Director of Preservation Services. The Director of Preservation Services will work to develop and oversee PBN's technical and community services, including our preservation workshop program, our work to increase the strength and effectiveness of our Certified Local Governments (CLG), and our coordination with local preservation districts and historic commissions, the State Historic Preservation Office, and the National Parks Service. Deadline: **March 8**.

The Communications & Development Associate-Western New York Land Conversancy position that will provide critical support for the Land Conservancy's communications and fundraising initiatives. They will also be part of the team that works to achieve the Land Conservancy's five-year strategic plan including: expanding the Niagara River Greenway, an Olmsted inspired ribbon of connected parks and nature preserves stretching between Lake Erie and Lake Ontario, and encompassing one of Earth's most recognizable natural wonders, Niagara Falls; identifying and protecting land in the most critical watersheds of the Niagara River, the drainage of 84% of North America's surface freshwater; ensuring that our work enhances the biodiversity and climate resiliency in our region; and expanding partnerships with our region's Haudenosaunee indigenous communities. Our conservation work also reflects a new emphasis on urban projects – including a project to create a Buffalo version of the NYC High Line. Review of applications begins immediately.

<u>Education and Outreach Assistant and Invasive Species Management Assistants</u>-WNY Partnership for Regional Invasive Species Management (PRISM) is accepting applications. Deadline: **Friday, March 10**.

GObike Buffalo Community Outreach Coordinator-Main responsibilities of this position include maintaining and managing GObike website and blog, social media outlets including Facebook, Twitter, and Instagram, and acting as marketing director. This position will also play a critical role supporting the Executive Director in the implementation of the Bicycle Master Plan, promoting alternatives to single occupancy driving, identifying improvements to pedestrian and bicycle facilities, and applying for grants to fund such projects. Other responsibilities include research, maintaining member database, and drafting press releases. This position reports to the Executive Director. Deadline: March 13 at 4pm.

FoodCorps Service Member-is a nationwide team of leaders that connects kids to real food and helps them grow up healthy. We do that by placing motivated leaders in limited-resource communities for a year of public service. Serving under the direction of local partner organizations, our service members focus on three areas of service: • Hands-on learning: students grow, cook, and taste new foods, which builds their skills and changes food preferences • Healthy school meals: the cafeteria experience steers students towards the healthiest options and gets them excited to try new healthy foods • Schoolwide culture of health: as a whole, the school community and environment – from hallways to classrooms to cafeteria to grounds – celebrates healthy food.. New York City locations available. Deadline: March 15.

Assistant Planning Director, The Town of Amherst-Under the direction of the Planning Director, the Assistant Director will assist in administering and managing the planning and community development staff. The Assistant Director will also have a portfolio of budgeting, capital improvement and personnel management responsibilities.

Deadline: March 17.

<u>Director of Sustainability at Hobart and William Smith Colleges</u> - This individual works collaboratively with all campus stakeholders to plan, develop, and implement projects, encouraging the optimal use of all societal capitals - natural, built, financial, social, and human. The Director of Sustainability oversees a comprehensive, campus-wide sustainability initiative by coordinating planning, academia, operations, research, community development, and student activities to foster a culture of sustainability on campus. This position reports to the Director of the Finger Lakes Institute. Review of applications will begin immediately and continue until the position is filled.

<u>Field Crew with Farm</u>- Fulltime (part time available too) seasonal from April through Thanksgiving. Native Offerings Farm CSA provides 500 members with a 10 month mixed certified organic vegetable share and a seasonal locally grown fruit share. This is our 20th season for our CSA! The primary responsibility for the field crew is to be quick and effective cultivators and harvesters. The field crew duties include but are not limited to: greenhouse work (seeding, thinning, transplanting), field work (cultivating, mowing, insect and disease scouting and management, harvesting) and processing work (washing, packing and labeling produce)

<u>Farm Crew, Apprentices and Greenhouse Production Head</u>-Applications accepted for Root Down Farm CSA in Clarence, NY. Multiple positions open. See link for details on each position.

<u>Senior Planner with Steinmetz Planning Group-SPG</u> is looking for a creative and motivated planner to begin work immediately with the SPG on a variety of projects, operating mainly out of our Rochester office. SPG offers a dynamic and flexible work environment with opportunity for leadership and growth.

<u>Assistant Planner with Steinmetz Planning Group</u>-SPG is looking for a creative and motivated planner for part-time work immediately with the SPG on a variety of projects, operating mainly out of our Rochester office. SPG offers a dynamic and flexible work environment with opportunity for leadership and growth.

Massachusetts Avenue Project Internships- **Summer Internships** are coming soon, too. Can't wait? Send your resume and letter of interest HERE.

<u>Chautauqua Watershed Conservancy Environmental Conservation Internship</u>-We are looking for talented go-getters who love a challenge and learning new skills. As an intern, you will gain valuable experience in the world of a typical environmental non-profit, while working to make a difference for the environment. As a small 501(c)3 organization, we have the ability to be flexible, and seek interns who are, too. We are looking for passionate individuals willing to use their resources and do what it takes to achieve our goals and be capacity builders, so our organization can expand our conservation efforts. Available for a summer, semester etc.

<u>Aquarium of Niagara Internships</u>-Opportunities for high school or college students to work with marine mammals, fish, penguins and turtles. Certain requirements must be met.

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

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

<u>Service Collaborative of Western New York Vista Positions/Americorps</u>-Opportunities for paid community involvement. Check out the available opportunities and eligibility. Some positions begin in March, so apply now.

## Citizen Science

<u>Caterpillars Count</u>- Seeking community members to help to characterize the spatial and seasonal variation in abundance of caterpillars and other foliage arthropods all across North America in an effort to answer important questions about patterns of food availability for birds. Perfect for youth, groups or adults.

<u>Hemlock Woolly Adelgid Project</u>-Take closeup pictures of hemlock trees and fraser firs and send to scientists with GPS location data to monitor tree health and spread of the insect.

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

<u>Frogwatch</u>-Citizen Science program to monitor amphibians. A local training will take place on Tuesday, March 21 at Reinstein Woods Nature Preserve. Registration required; call 716-683-5959 to sign up.

<u>Project Budburst</u>- A local training will take place on March 30 at 6:30pm. Reinstein Woods is involved in monitoring specific tree and plant species each year to record their phenophases (annual life cycle of plants) throughout the seasons. Recordings needed April to November, days and times flexible. For adults only. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

## **Upcoming Community Activities:**

#### Wednesday, March 1

**GBNRTC-PCC Meeting**-9:30AM at Erie County Public Works, 95 Franklin Street, Buffalo, NY 14202. Public invited to discuss transportation issues. Monthly meeting locations rotate, so you can confirm at 856-2026.

Buffalo Talks Speaker: Douglas Love, CEO Explore & More Children's Museum-Douglas Love will give us an overview of the exciting plans for the new Explore & More Children's Museum at Canalside, which will offer seven educational play zones that each tell the stories of Buffalo in unique, inspiring and interactive ways. Erie Canal Harbor Develop- ment Corporation will break ground on Explore & More's new building in the South Aud Block of Canalside in March 2017. The Museum is expected to open downtown in late 2018. Noon to 1pm at Central Library, Buffalo. Free, reserve at <a href="http://www.workingfordowntown.org/wfd-events/buffalo-talks/">http://www.workingfordowntown.org/wfd-events/buffalo-talks/</a>

"Earthworms: Friends to Gardens or Foes to Northern Forests and their Amphibian Cohorts?"-6pm. Lecture by Elyse Henshaw Roger Tory Peterson Institute Conservation Technician. RTPI, Jamestown, NY. All events are <u>free</u> and open to the public. For more information, please visit <a href="http://rtpi.org/events-exhibits/upcoming-events/">http://rtpi.org/events-exhibits/upcoming-events/</a> or contact Elyse Henshaw at <a href="https://ehenshaw@rtpi.org">ehenshaw@rtpi.org</a> or 716-665-2473 ext. 231.

Take Control of Your Energy Future! - 5:30 - 7:45pm at Frank E. Merriweather, Jr. Library, 1324 Jefferson Ave., Buffalo, NY 14208. <a href="https://www.facebook.com/events/238928296568431/">https://www.facebook.com/events/238928296568431/</a>. Is your house cold in the winter and hot in the summer? Do you struggle to keep up with your utility bills? Are you concerned about the effects of climate change on your community's future? Come out this free, family friendly event hosted by Erie County Legislator Betty Jean Grant to find solutions! PUSH Green is a nonprofit, community-based organization whose goal is to connect our neighbors across Western New York to free and discounted energy efficiency and weatherization services. We are here to help you find ways to live and work more comfortably in your home or small business, save money on your utility bills and make a difference in the overall health of our communities. Call Lou at (716) 886-1780 to RSVP and with any questions.

#### Thursday, March 2

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

**Buffalo & Erie County Greenway Grant Public Meeting-** 4:00pm at Community Foundation for Greater Buffalo Larkin at Exchange 726 Exchange Street, Suite 525, Buffalo NY.

**Buffalo & Erie County Greenway Grant Schedule for 2017** -Meeting at 4:00pm. Community Foundation for Greater Buffalo Larkin at Exchange 726 Exchange Street, Suite 525, Buffalo NY.

**Public Meeting to Discuss Ciminelli's Reverie Project**-There will be a public meeting at 6 pm at the Unitarian Universalist Church of Buffalo to discuss Ciminelli's propose Elmwood project. The developer will be on hand to answer questions and talk about the most recent project plans. We hope to see many of you there!

**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 a.m., with refreshments at noon and the program at 12:30 p.m. The program will be "Design Your Own Table." Four volunteer members will create a table design followed by critiques from members Sue Suchak and Beverly Walsh, accredited NGC Flower Show Judges. Learn the various table designs and various techniques in creating them.

**Environmental Justice Taskforce Meeting-**6 to 7:30pm, Come to our regular meeting at the Crane Library (633 Elmwood) to work on stopping "bomb trains," NAPL, and fossil fuels in general; and work toward renewables!

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

Regenerative Economy Panel-7:30am at Saturn Club, Buffalo, NY. Free but RSVP at <a href="http://goldfarbfinancial.com/money-talks-2017/">http://goldfarbfinancial.com/money-talks-2017/</a>. Regenerative Economy Impact Investments: The Opportunity for Buffalo. As we transition from traditional business and economic models to address emerging social and environmental challenges, the benefits are community and economic development that encompasses a sense of place, enhanced brand value, positive consumer experiences, new market share, and minimized risk.

#### Friday, March 3

"Where have our bats gone? -6pm. A look at White Nose Syndrome and the impacts to our local bats," presented by Jonathan Townsend, Chautauqua Watershed Conservancy. White Nose Syndrome is a disease that impacts bat species that hibernate in caves. It is caused by an invasive species of fungus, Pseudogymnoascus destructans. Since the discovery in winter of 2006-2007, nearly 6 million bats have died and entire colonies have been lost. Species that were once among the most numerous mammals in North America have seen up to 99% declines, including several that live here in Western New York. Currently, WNS can be found in 29 states and 5 Canadian Provinces. In this past year bats infected with WNS were discovered in Washington state, further endangering bat populations nationwide. Join Jonathan Townsend at the Roger Tory Peterson Institute to learn more about this problem, as well as what you can do to help bat conservation efforts locally and abroad. RTPI – 311 Curtis St., Jamestown, NY 14701.

#### Buffalo Geological Society Live Auction – March 3, 2017- Buffalo, NY

**The Buffalo Geological Society Auction is March 3, 2017** and members can bring four items. Set up at 6:30pm, 7pm viewing and 7:30pm Auction Begins. Held at Parkside Lutheran Church, Depew and Wallace Streets in Buffalo. **Auction bidding is open to the public.** 

**Community Organizations Teach-In**-9am to noon at Delavan-Grider Community Center, 877 East Delavan, Buffalo. <a href="https://www.facebook.com/BNCRC">https://www.facebook.com/BNCRC</a>. Want to learn more about community reinvestment and how you can shape it in Buffalo?

Multiscale Modelling for Materials and Devices: From Solvation to Plasmonics and Electrochemistry-Research and Education in eNergy, Environment and Water (RENEW) Seminar at 10:00 a.m., Furnas 206, North Campus of University at Buffalo.

From the Land Down Under: Environmental Bioprocesses in the Engineered Shale System-Research and Education in eNergy, Environment and Water (RENEW) Seminar at 11:00 a.m., 223 Jarvis, North Campus of University at Buffalo.

## Saturday, March 4

**Rural Landowners Workshop-** 9:00 AM - 3:00 PM, sponsored by Cornell Cooperative Extension. Presenters are brought in from both private and public sectors to provide participants with up-to-date information. The program will be held at Pioneer Central School located on County Line Road in Yorkshire, NY. There is a cost for this program and pre-registration is required. For full agenda or to be added to mailing list contact: Lynn Bliven. Agricultural Economic Development <a href="mailto:lao3@cornell.edu">lao3@cornell.edu</a> or call 585-268-7644 ext 18.

**Horticulture Classes at The Buffalo and Eric County Botanical Gardens**- 11 a.m. – 1 p.m. five Saturdays at the Botanical Gardens, 2655 South Park Ave., Buffalo. The classes will be taught by horticulturist David Clark, who is becoming one of the country's noted garden speakers. These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Cost for Botanical Gardens members for a full series of five classes is \$100 (\$120 nonmembers) and the cost for individual classes is \$22 (\$27 nonmembers). register Topic of the day-Vegetable and Organic Gardening.

Western NY Hosta Society Breakfast- 10 a.m. on the first Saturday of the month through April at the Forestview Restaurant, 4781 Transit Rd., Depew. This a social get-together. You pay for your own breakfast. Attendees are asked to bring to the table something that they can pass around and talk about. It can be a plant, a seedling, a catalogue, a magazine, a book, a favorite garden tool, a new deer repellent or anything to get folks talking. You must RSVP before 5 p.m. on the previous Friday so that they can tell the restaurant how many people to expect. RSVP at (716) 941-6167 or H8staman@aol.com.

**Get Handy-** free DIY homeownership workshop presented by West Side & Black Rock-Riverside NHS that provides the experienced and first-time homeowner a chance to expand their education to promote DIY repairs featuring some of Buffalo's grassroots-organization. 10am to 12pm at <a href="University Heights Community">University Heights Community</a> <a href="Laboratory">Laboratory</a> [9 West Northrup Place]. \*\* Please RSVP to Micah at 716- 877-3910 as space is limited or through the Eventbrite website here!

**Snowbirds Walk**-10:30am. Search for our winter resident birds and early spring migrants on a guided walk. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

**Seed Starting Workshop-**Free at Urban Roots, 2pm with Richard Price. You will need to register for classes as space is limited. Please email us at <a href="http://info@urbanroots.org">http://info@urbanroots.org</a> or call the store @ 716-362-8982 to register.

**Snowshoe Tour Family Hike with Riverkeeper**-Hyde Park from 10am-noon. <u>info</u>. Bring your family on a tour of Hyde Park to learn how to snowshoe, about the park's wildlife, and about the habitat. <u>Tickets</u>

**Nature Play Experience-**10:00 AM - 11:30 AM. Join us at the Botanical Gardens for a plant exploration day. Explore plants from all over the world while keeping cozy and dry indoors. We will be offering free tickets to attend this event on a first come, first served basis, so sign up early before our spots fill! Call Lisa at 716-995-6127 to register for this experience. WNY Family Nature Camp.

Cabin Fever Break-Out!-10am to noon at <u>Buckhorn Island State Park Preserve</u>. Take a brisk walk to discover Buckhorn Island's great trail system. These trails are located along the creeks and the Niagara River. *To register*, *call* (716) 549-1050.

**Build a Birdhouse**-2pm. Discover different birdhouses and assemble a house wren nest box. Materials fee: \$7; \$5 Friends of Reinstein members. For adults and children ages 12 and older. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

**Beerology**- Join the Buffalo Museum of Science from 7 to 10pm to learn about the science of beer and have your science on tap! Beerology guests can sample beers and other brews from some of the best micro breweries in the area, snack on beer-friendly foods, and enjoy presentations on home brewing and a variety of beer-related topics by the Niagara Association of Homebrewers, Sultans of Swig, Buffalo Beer Goddesses, and more. Admission includes 10 drink tickets good for one beer tasting each. Additional drink tickets may be purchased starting at 7pm. Also includes commemorative beer mug, food samples, live entertainment and access to all of the Museum's permanent exhibits and galleries. Tickets at <a href="https://13520.blackbaudhosting.com/13520/Beerology-2017">https://13520.blackbaudhosting.com/13520/Beerology-2017</a>.

**Snowbirds Walk-**10:30am. Search for our resident winter birds and early spring migrants on a guided walk. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

**Woods Walk: Nature Guide's Choice**-11am. Join a guided nature walk through the woods. No registration required. Reinstein Woods Nature Preserve.

**Get Handy!** -Hosted by Westside & Blackrock NHS from 10:00 to 12:00 pm at <u>University Heights Tool Library</u>, 5 W Northrup Pl, Buffalo, NY 14214.

Winter Tree Identification Walk-3:00pm – 4:30pm at Goose Creek Valley Greenway Preserve on Hoag Road, Ashville, NY (map). CWC conservationist will lead a walk at the Goose Creek Valley Greenway Preserve located between 1947 and 1957 Hoag Road, Ashville, NY. The walk will be interpretive and focus on the identification of trees in winter. At a time of year when it's difficult to tell one species of tree from another, we'll discuss what characteristics to look for. The Winter Tree Identification Walk will be done by 5:00 PM. There may be snow on the ground for this tour, so consider bringing snowshoes. The Winter Tree Identification Walk is free for members. There may be snow on the ground for this tour, so consider bringing snowshoes. The Winter Tree Identification Walk is free for members, with a suggested donation of \$5 for non-members. Reservations are encouraged, so please call or email the Chautauqua Watershed Conservancy in advance to let us know you're coming. The Chautauqua Watershed Conservancy is a member-supported not-for-profit organization which works with landowners to conserve and enhance the landscape features which protect important habitats and collect, store, filter and deliver clean waters to our Chautauqua lakes, streams and groundwaters. To date it has led efforts conserving over 1,000 acres of land across Chautauqua County, including two miles of Chautauqua Lake and Outlet shoreline. For more information on this event or the CWC, visit <a href="www.chautauquawatershed.org">www.chautauquawatershed.org</a>, e-mail jen@chautauquawatershed.org or call 664-2166.

**Sugar Shanty Open to the Public-**10am – 12pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA (<u>map</u>). Stop in and see our sugar shanty in action at Beaver Meadow as we turn maple sap into sweet syrup. Free.

Webelos Scientist Badge-10am – 12pm at Beaver Meadow Audubon Center (map). Ever think of yourself as a scientist? Come to Beaver Meadow and enjoy the fun of experimenting. Learn about how creative you can be with the scientific method and understand some of the basic principles of science. Let's brew up a good time! Preregistration and pre-payment required by calling the GNFC at 716-891-4073. Pre-requisite: #9 and #10 should be completed prior to session. \$8 per scout.

**Birding 101-**1pm – 3pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA (map). Join Naturalist Tom Kerr for a short talk inside and birding walk outside to introduce you to the hobby of bird watching. We'll go over binoculars, field guides, mobile apps, and some of the common birds you are likely to find at Beaver Meadow. Call (585) 457-3228 to register. Binoculars and field guides are provided. \$5.

**Beaver Meadow Owl Prowl-**7pm – 9pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA (map). Join Audubon Naturalist Tom Kerr as we take a nocturnal hike in search of the Owls that call Beaver Meadow their home. We'll be looking and listening for Eastern Screech-owls and Barred Owls. Preregistration is required. Call 585-457-3228 to register. Space is limited. \$5.

About Boating Safely-8 hr boating safety course, Blasdell. Contact Eileen Reiner at reiner7@verizon.net.

Green Sun Seed Library/Bank-Organizational meeting from 2 to 4 p.m. in the auditorium of the Niagara Branch Library, 280 Porter Ave., Buffalo. There is a small parking lot next to the library and plenty of parking spaces on the street. The library is on the #5 Niagara bus line. The group intends to hold seed/plant swaps, organic growing workshops and other educational events. During the meeting, the organizers will give an overview of the vision for the seed library/bank. They will plan the first event, seek and organize volunteers and discuss suggestions from those attending the meeting. The organizer, Albert Brown, said that the group is also looking for partners, such as schools, community gardens or private gardens, that can offer small growing spaces (a minimum of four feet) for their growout program. In order to serve the community, they need to produce large amounts of seed by growing out varieties in dedicated spaces for the purpose of saving their seeds. You can contact Brown by leaving a comment on the Facebook page of Green Sun Seed Library/Bank.

**Permaculture of Greater Buffalo Meeting-**Group will discuss soil remediation at its <u>meeting</u> from 11 a.m. to 1 p.m. in the meeting room of LaSalle Library, 8728 Buffalo Ave., Niagara Falls. You'll learn how to deal with problems such as hardpan, claypan, caliche, lead, agricultural runoff (E. coli), pesticides and other biocides.

Sugaring at Sprague's- 10am to 11:30am. Join us for a guided tour through the maple trees and sugaring operation at Sprague's Maple Farms and learn the art of sugaring from our local experts. Remain past the tour and sample the syrup during a delicious breakfast at the restaurant. The tour is free and open to the public but the cost of breakfast is the responsibility of each participant. This event will be held at Sprague's Maple Farms 1048 RT 305, Portville. The group will meet for the tour outside the restaurant at the entrance farthest from the dining room. Space is limited. Pre-registration is required and can be done through Pfeiffer Nature Center by 4 pm, Thursday, March 2nd, 2017. Sign up on our website at <a href="www.pfeiffernaturecenter.org">www.pfeiffernaturecenter.org</a> or contact the office at 716-933-0187. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center where science, art & nature come together.

**Nature Play Experience**-10:00 AM - 11:30 AM. Join us at the Botanical Gardens for a plant exploration day. Explore plants from all over the world while keeping cozy and dry indoors. We will be offering free tickets to attend this event on a first come, first served basis, so sign up early before our spots fill! Call Lisa at 716-995-6127 to register for this experience.

**Library Lectures at Roger Tory Peterson Institute**- 10AM-3PM in Jamestown. The Roger Tory Peterson Institute will be offering free admission to our headquarters for these special events, and all are encouraged to join us for a day of learning. Between 10am and 3pm visitors are invited to attend any of several Library Lectures to learn about invasive species that are impacting our region and what can be done to help; bring in their children to take part in children's activities making invasive insect facemasks, playing games, coloring and even seeing Emerald Ash Borer (preserved specimens) up close; or participate in an \*iMapInvasives (online invasive species mapping tool) training session. <a href="www.rtpi.org">www.rtpi.org</a>. For more information on any of these events contact Elyse Henshaw at <a href="mailto:ehenshaw@rtpi.org">ehenshaw@rtpi.org</a> or 716-665-2473 ext. 231.

#### Sunday, March 5

Western New York Iris Society- "Photographing Your Garden Blooms: From Gardening Records to Artistic Statement" from 2 to 4 p.m. in the Lancaster Public Library Community Room, 5466 Broadway, Lancaster. It will be presented by Neil Houghton, photographer and vice president of the Greater Rochester Iris Society, an affiliate of the American Iris Society. Whether you are photographing your flowers and garden for fun, to record the bloom season, to share with friends, or to try to improve your photos in general, this presentation is for you. It will focus mainly on photographing irises, but will look at basic techniques that apply to any photos, from any camera: click and shoot, cell phone or high-end digital SLR. If you'd like to submit your work to be included, please email it to <a href="mailto:neil.houghton@me.com">neil.houghton@me.com</a>. Make sure that the picture is high enough in definition to be projected and not too large to be emailed. (Most modern cell phone and digital cameras produce a high definition photo.) For further information, contact Carolyn Schaffner, president, at <a href="mailto:drsnooks@twc.com">drsnooks@twc.com</a>.

**Reflective Walk**-10:45am - 11:30am, Led by: Dennis Galucki, Founder, C-SAAHN & 'IMAGINE' Weekly Series, Philip Haberstro, CEO, Wellness institute of Greater Buffalo. All walks begin and end at the Hoyt Lake, Marcy Casino area.

#### Monday, March 6

Great Lakes Center Seminar Series: "Invasion! A Niche Perspective"- The Biology Department and the Great Lakes Ecosystem Science at Buffalo State College will host a talk by Robert Warren from 4:00 - 5:15 p.m. in Bulger Communication Center 2E. All are welcome.

**Lancaster Garden Club-** 6:30 p.m. in St John's Lutheran Church hall, 55 Pleasant Ave., Lancaster. There will be the installation of officers and presentation of awards. Take your own place setting with dish to pass for dinner. There will be a judging of separate place settings with small floral arrangement for those that wish to enter. All are welcome. Contact <a href="matter:mstyflwr@aol.com">mstyflwr@aol.com</a> with any questions.

**Bowmansville Garden Club Meeting-** 7 p.m. at the Bowmansville Fire Hall, 36 Main St., Bowmansville. They will hold a seed exchange and planting workshop. Remy Orlowski from Sample Seeds will teach the group about starting and harvesting seeds. They will plant flower and vegetable seeds using an indoor seed-starting kit. If you would like to participate, please call in advance to reserve a kit. The cost is \$5. New members and guests are welcome. Contact <a href="mailto:samaue@roadrunner.com">samaue@roadrunner.com</a> for more information.

**SEED to SUPPER:** A Beginner's Guide to Low-Cost Vegetable Gardening-2 to 4pm. Part of a 5part series at True Bethel, located at 907 East Ferry Street, Buffalo, NY 14211. Become a trained volunteer Garden Educator. Seed to Supper is a comprehensive beginning vegetable gardening curriculum designed for adults who are gardening on a budget. Seed to Supper in New York is offered by Cornell's Garden Based Learning program in partnership with New York's Food Banks and Cooperative Extension offices to build more food secure communities. Those trained will be asked to join with such organizations as their local food pantry to lead Seed to Supper classes to train others and implement the practices learned. If interested in participating, RSVP to: Sharon Bachman at 716-652-5400 x 150 or sin2@cornell.edu. Free.

**Tackle Grand Environmental Challenges through Atmospheric Observations and Modeling**-10:00 a.m seminar at UB North, Jarvis 223. Research and Education in eNergy, Environment and Water (RENEW) Seminar.

#### Tuesday, March 7

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <a href="http://buffaloah.com/h/center/lib/17lec.html">http://buffaloah.com/h/center/lib/17lec.html</a>

**Sustainable Business Roundtable: Brewing-** 2 to 4pm at Flying Bison. Sustainable Brewing makes financial sense. It creates process improvements which make natural resources more productive. Experts in sustainable brewing practices from the New York State Pollution Prevention Institute will talk about best practices and first steps for: Water & Wastewater: Reduce, Recycle, Reuse, Energy: Reduction & Efficiency, Solid Wastes: Opportunities for Reduction & Alternative Uses, Supply Chain Sustainability. After the workshop we will tour the Flying Bison Brewery & have a tasting. RSVP

Garden Talk on Night Blooming Plants- The Genesee County Master Gardeners will host from 12:15-12:45 p.m. at the Cornell Coop. Ext. office, 420 E. Main St., Batavia. Night blooming plants in your garden can add another dimension of enjoyment to summer evenings. While many plants bloom around the clock, many prefer the coolness of the night to release their most intense fragrance. Varieties with white flowers and foliage also reflect moonlight and give the garden a glowing beauty. Taught by Master Gardeners, these programs will be held during the lunch hour and attendees are invited to bring lunch to eat. The series is free and open to the public. Registration is not required. Events will be posted on the Cornell Cooperative Extension of Genesee County website and on their Facebook page.

**Volunteer Training at Tifft Nature Preserve-**10:00am - 12:00pm. Share nature with our community's children! Volunteer tour guides are needed weekday mornings to lead Pre-Kindergarten through 12th grade students on Tifft's trails. Tour topics include natural habitats, life cycles, Native Americans, and more, but volunteers only need a love of the outdoors and an interest in working with students. Potential Volunteers may choose either the March 7 or March 18 Training Workshop. Bring a friend! Training is for ages 18+. Pre-registration required by calling 716-825-6397.

**State of Lake Ontario Fishery-** 6:30 - 9 p.m. at the Cornell Cooperative Extension Building, 4487 Lake Ave., Lockport, Niagara County. The meeting is co-hosted by Niagara County Cooperative Extension and the Niagara County Sportfishery Development Board. Staff from DEC, the United States Geological Survey, and the U.S. Fish and Wildlife Service will share presentations, including updates on the status of trout and salmon fisheries in the lake and its tributaries, forage fish, and stocking programs. The meetings will provide ample time at the end of the scheduled program for the audience to interact with the presenters. Information about DEC's <u>Lake Ontario fisheries</u> assessment programs can be found on DEC's website. For additional information contact Steven LaPan, New York Great Lakes Fisheries Section Head at the Cape Vincent Fisheries Research Station, (315) 654-2147.

#### Wednesday, March 8

"Birds of the Niagara River and Outer Harbor"-7pm. Meeting of the Buffalo Ornithological Society at Buffalo Museum of Science (map). Jay Burney, Chair of the Friends of Times Beach Nature Preserve, Executive Director of the Pollinator Conservation Association, founding partner of the Our Outer Harbor campaign, and habitat chair of the Western New York Environmental Alliance, will share stories and videos about Niagara River and Outer Harbor birds and other wildlife, ecology, and the efforts to ensure protection and conservation of critical regional assets, especially on Buffalo's Outer Harbor.

Rachel Carson's Life, Vision and Legacy-Dr. Sherri "Sam" Mason will illuminate Rachel Carson's life, vision, and legacy. "Silent Spring" merges Carson's poetic and scientific writing as a means to change public policy to heal Earth. On the other hand, the EcoRead, "Under the Sea-Wind," represents the author's pure passion: revealing the beauty and miraculous wonders of Nature. The slide talk will be held in the Pendergast Library Community Room. 7pm, Prendergast Library, 509 Cherry St., Jamestown.

**Hamburg Garden Club Meeting-**Noon at the Hamburg Community Center, 107 Prospect Ave., Hamburg. Barb Henry, owner of Henry's Gardens Inc., will unveil new plants for 2017 and give a presentation on how to integrate them into your garden. Guests are welcome. Contact <a href="mailto:lonabutler@roadrunner.com">lonabutler@roadrunner.com</a> for information or a reservation.

**Volunteer Training: How to Lead a Tour** - Building a Culture of Curiosity, 9:30am – 12:00pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, (map). Join us at Beaver Meadow and discover how to dive deeper into guided inquiry. Learn tips and tricks to lead a tour that is both engaging and also helps to set up a culture in which students feel comfortable discussing science ideas in nature. Please let us know if you plan to attend by calling 585-457-3228.

**AAUW Buffalo Branch and League of Women Voters of Buffalo/Niagara Celebrate International Women's Day-** 6 P.M. with Buffet Dinner - 6:45 P.M. Join us for dinner and a presentation by Anne Cheung and Anne Rapin, Co-Founders of A2Empowerment, a non-profit organization dedicated to empowering women through education. Since its' founding in 2008, A2E has awarded over 700 education scholarships to young women in Cameroon, Africa. Anne Cheung, a scientist at a biopharmaceutical company, was recently named to the 2015 Heroes of the 500 list by Fortune magazine. She was nominated for her work on the A2Empowerment program by her employer, Biogen. Anne Rapin, who was stationed in Binka, Cameroon while serving in the Peace Corps, currently works as Hygiene Promotion/Community Mobilization Program Manager in the Za'atari Refugee Camp in Jordan. The Public is Welcome. Registration Form. UB Center for Tomorrow, SUNY at Buffalo - North Campus, 101 Service Center Rd, Buffalo, NY 14260.

"Birds of the Niagara River and Outer Harbor"-Buffalo Ornithological Society Meeting at Buffalo Museum of Science at 7PM in the Cummings Room. Jay Burney, Chair of the Friends of Times Beach Nature Preserve, Executive Director of the Pollinator Conservation Association, founding partner of the Our Outer Harbor campaign, and habitat chair of the Western New York Environmental Alliance, will share stories and videos about Niagara River and Outer Harbor birds and other wildlife, ecology, and the efforts to ensure protection and conservation of critical regional assets, especially on Buffalo's Outer Harbor.

#### Thursday, March 9

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

Adventures in Buffalo History Speakers Series- This speaker series features different Explore Buffalo docents presenting lectures on a wide variety of topics. Each session will have two different lectures. All sessions are from 7-9 PM on Thursday evenings at First Presbyterian Church of Buffalo on Symphony Circle. Admission per session: \$10, Explorer Pass Holders: Free. Register at <a href="http://explorebuffalo.org/speaker-series-2/">http://explorebuffalo.org/speaker-series-2/</a> Talks of the day: Literary Legacies in the Queen City, Buffalo's Public Art.

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

**Behind-the-Scenes Collections Tour (Adults Only): The Pan-American Exposition-**10:00am - 12:00pm. Did you know the Museum houses over 700,000 specimens in our collection, or that a significant part of the collection pertains to the Greater Niagara Region? Get behind-the-scenes to see what few have seen and explore our research, special, and teaching collections in themed tours taking place throughout the month. *Tours are approximately 2 hours in length.* Ages: adults 18+, Cost: \$25 non-members, \$15 BMS members. Register. Registration deadline: one week in advance.

Approaches to the Historic Landscape: A Conversation with Matthew Dore-6pm. Join us for conversation about landscaping for your historic home. Dialogue around buildings and structures is readily available - but how might we think about sites, landscapes, gardens, and green infrastructure with a historic sensibility? This "conversation" will try to offer and create frames to talk about materials, history, and the "softer" landscape of the neighborhoods. Our aim will be to help develop sensible and pleasing spaces so that historic buildings can become historic places. Market Arcade Conference Room, 617 Main St., Buffalo Register for this event here!

"Model My Watershed: A Tool for Water Resource Management"- 1 to 3pm. EPA's Watershed 92<sup>nd</sup> free Webcast Seminar, Join us for a Webcast on a new web-based tool called Model My Watershed. This tool is part of a larger web application called WikiWatershed that is being developed by the Stroud Water Research Center. Presentations are posted in advance at <a href="http://www.epa.gov/watershedacademy/watershed-academy-webcast-seminars">http://www.epa.gov/watershedacademy/watershed-academy-webcast-seminars</a> and participants are encouraged to download them prior to the Webcast. Register for the Webcast

Repair Cafes: Fixing Stuff and Creating Community-Climate Smart Communities Webinar Series from 10:30 AM - 12:00 PM, How can municipalities engage their residents in reducing emissions from solid waste? Repair Cafés are one strategy that prevents waste from entering landfills and helps people see their "stuff" in a different way. Please provide us with your name and community affiliation, either via email or telephone to the Office of Climate Change at <a href="climatechange@dec.ny.gov">climatechange@dec.ny.gov</a> or 518-402-8448. To join the webinar, First, click at <a href="link">link</a>, Enter your name and email address. Enter the meeting password: NYSDEC1, Click "Join". Click "Call Me" in the onscreen "Audio Connection" box and enter your phone number to join the audio portion through your telephone. The system will call you back. Alternatively, call 1-844-633-8697 and enter the Event Number: 643 263 528, followed by your Attendee ID (which will be displayed on your screen in the "Event Info" tab) to join the audio portion. It is also an option to join the audio portion via your computer speakers (provided your computer has a microphone).

WNY Herpetological Society Meetings-Free, open to the public, and families with children are encouraged to attend. Please feel welcome to stay after the conclusion of the presentation to visit with fellow reptile and amphibian enthusiasts. WNYHS meetings take place at 6:45 PM on the second Thursday of the month, at the Julia Boyer Reinstein Library, 1030 Losson Rd. in Cheektowaga. For more information, including driving directions, please check out the Monthly Meetings page.

#### Friday, March 10

**1st Buffalo Lake Erie Hacking Day-**4pm at 215 Social Hall (student union flag room), Campbell Student Union, University at Buffalo (map). A day of innovation for Lake Erie! Join dozens of engineers, designers, water experts, and developers from across the region to work for our most precious natural resource. Engage new team members or find a team to join through rapid fire pitches. Interface with environmental and techie mentors in an open-format collaboration space designed to maximize the impact and longevity of your solutions. Be a part of the growing Blue Economy movement that is revolutionizing the Great Lakes region! http://eriehack.io/buffalo/

#### Saturday, March 11

"Not There Yet" Walk-10:30am. Discover what's happening in the woods as spring approaches. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Where the Wild Things Grow: Eco-Kids Series-Kids are full of questions! On the second Saturday of each month, the Eco-Kids series will include hands-on learning, a chance to get active with a game or hike, and a craft. All will center on the question of the month! Kids of ALL ages welcome. *Call* (716) 282-5154 to register for any of these programs. Is it Spring yet?- 11am to 12:30pm at DeVeaux Woods State Park. Do you like syrup on your pancakes? Have you ever wondered how the syrup is made?

**Family Nature Quest: Woodpeckers**-10:30am. Explore the woods on a quest to find signs and sightings of the many woodpeckers that call Reinstein Woods home! Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

Make an Upcycled Bird Feeder-2pm. Create your own bird feeder from everyday objects, and learn about common backyard birds. Materials fee: \$4; \$2 Friends of Reinstein members. For adults and children ages 10 and older. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

**Penn Dixie Volunteer Orientation**-9:30 am to noon. No experience necessary, all training provided. Gateway Executive Office Bldg., 3556 Lake Shore Rd., Blasdell, NY. Free, but Pre-registration required. www.penndixie.org

Shiitake Mushroom Log Workshop -Sponsored by Cornell Univ. Coop. Ext. of Allegany from 9 to 11:30 a.m. in Room 109 of the Agricultural Science Building at Alfred State College, 10 Upper College Dr., Alfred. This hands-on workshop will culminate with each participant making their own inoculated log to take home. Steve Jakobi, ASC Professor/mushroom grower and Cornell Cooperative Extension have teamed up to provide their first ever mushroom log workshop. Pre-registration is required. Space is limited to the first 25 paid registrants. For more information or to register, contact Colleen Cavagna at <a href="mailto:cc746@cornell.edu">cc746@cornell.edu</a> or 585-268-7644, ext. 12.

**Little Tykes Mini Nature Camp-**9:30am - 11:30am. Enjoy a morning of fun and exploration at Tifft 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.

**Big Cats Day-**Buffalo Zoo from 11:00 am - 3:00 pm. Come learn more about our amazing big cats here at the Buffalo Zoo! Listen to keeper talks about our lion pride and Tamari the tiger! Enjoy big cat themed activities and crafts as well! Free with zoo admission.

**Sunset Moonrise Hike**-6:00pm - 07:30pm at Tifft Nature Preserve. Witness the beauty of both celestial bodies set and rise on a casual guided family hike through the Preserve at twilight. Ages: 5-Adult, Cost: \$5 non-members, *BMS Members save* 10%! Register

Beginner Birding at Unity Island-10am – 12pm at Unity Island, Buffalo, NY, (map). Join Buffalo Audubon Naturalist Tom Kerr for a Beginner Birding walk on Buffalo's Unity Island. We'll go over identification tips, how to use a field guide, and how to use binoculars. Meet at north lot. Binoculars are available. Call 585-457-3228 to register. Donations gratefully accepted.

**Sugar Shanty Open to the Public-**10am – 12pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA (<u>map</u>). Stop in and see our sugar shanty in action at Beaver Meadow as we turn maple sap into sweet syrup. Free.

**Falcon Full Moon Walk-** 6:30pm – 8:00pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA (map). March's full moon is known by many names - the Worm, Crow, Crust, and Sap full moon. Join Naturalist Mark Carra at Beaver Meadow to discuss why all these names are associated with the same month. He will focus on the Native American Falcon name and discuss their reverence for this magnificent bird. Pre-registration is required. Please call 585-457-3228. \$5 non-members; \$3 members.

**2nd Buffalo Lake Erie Hacking Day-** 9am – 5pm at 215 Social Hall (student union flag room), Campbell Student Union, University at Buffalo (map). A day of innovation for Lake Erie! Join dozens of engineers, designers, water experts, and developers from across the region to work for our most precious natural resource. Engage new team members or find a team to join through rapid fire pitches. Interface with environmental and techie mentors in an open-format collaboration space designed to maximize the impact and longevity of your solutions. Be a part of the growing Blue Economy movement that is revolutionizing the Great Lakes region! <a href="http://eriehack.io/buffalo/">http://eriehack.io/buffalo/</a>

## Sunday, March 12

**Family Nature Quest: Full Moon Walk-**7:30pm. Explore the woods after sunset and search for nocturnal animals during this guided full moon walk. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

"Journey of the Universe"-The Interfaith Climate Justice Community will present the award winning documentary of at the Burchfield Penney Art Center, 1300 Elmwood at 2:00 p.m. Evolutionary philosopher Brian Thomas Swimme and Yale historian of religions Mary Evelyn Tucker have crafted an elegant narrative story of the universe that illuminates and celebrates the profound role humans play in the flourishing of the Earth. At its very heart, the film explores cosmic evolution as a profoundly wondrous process based on creativity, connection and interdependence. Both Swimme and Tucker envision an unprecedented opportunity for the world's people to address the daunting ecological and social challenges of our time. Free and open to the public. Contact: Judy Fitzgerald fitzjud@gmail.com.

#### Monday, March 13

"Bringing Landscape Ecology into the Great Lakes" - The Biology Department and the Great Lakes Ecosystem Science at Buffalo State College will host a talk by Jonathan Bossenbroek from 4:00 - 5:15 p.m. in Bulger Communication Center 2E. All are welcome.

**Erie Canal Harbor Development Corporation Board of Directors Meeting-** 10:30 a.m. on the second Monday of each month, unless as indicated below with and asterisk, and are held in the Board Room of ESD's Buffalo Regional Office, 95 Perry Street-Suite 500, Buffalo, NY 14203. Open to the public.

SEED to SUPPER: A Beginner's Guide to Low-Cost Vegetable Gardening-2 to 4pm. Part of a 5part series at True Bethel, located at 907 East Ferry Street, Buffalo, NY 14211. Become a trained volunteer Garden Educator. Seed to Supper is a comprehensive beginning vegetable gardening curriculum designed for adults who are gardening on a budget. Seed to Supper in New York is offered by Cornell's Garden Based Learning program in partnership with New York's Food Banks and Cooperative Extension offices to build more food secure communities — places where all people at all times have access to enough food for a healthy life. Increasing community food security — whether urban, suburban or rural — through programs in gardening, nutrition education, advocacy, and community organizing goes hand-in-hand with Cornell Cooperative Extension of Erie County's work to help people living with low incomes meet their short-term food needs. Those trained will be asked to join with such organizations as their local food pantry to lead Seed to Supper classes to train others and implement the practices learned. If interested in participating, RSVP to: Sharon Bachman at 716-652-5400 x 150 or sin2@cornell.edu. Free.

Sierra Club Energy Committee Meeting- 5:00 pm - 6:30 pm at UU Church 695 Elmwood Ave. 2nd floor, Use side garden entrance. All are welcome to join us as we work for renewable energy solutions to climate change.

#### Tuesday, March 14

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <a href="http://buffaloah.com/h/center/lib/17lec.html">http://buffaloah.com/h/center/lib/17lec.html</a>

**ADK General Membership Meeting** - Amherst Community Church 6:30 education; 7:00 social hour; 7:30 program. Park in the rear and enter from the back. 2nd floor hall. 6:30pm – 9:00pm at 77 Washington Highway, Snyder NY 14226.

"The Long History of Apples"-Niagara Frontier Botanical Society Talk by Darrell Oakes, 7:30pm – 9:30pm at Harlem Road Community Center, 4225 Harlem Road, Amherst, NY, United States (map). Speaker Darrell Oakes is owner of Lynoaken Farms, one of the largest commercial apple growers in Western New York. In 2006 he partnered with an Amish horticulturist to plant over 350 varieties of heritage apples on his property, with many varieties dating from the 1700s and 1800s and earlier. Free, open to the public.

National Geographic Live: Coral, Fire and Ice-Kleinhans Music Hall, 3 Symphony Circle, Buffalo at 7:00 pm. Explore a hidden universe through the eyes of the photographic team of David Doubilet and his underwater partner Jennifer Hayes. David Doubilet is one of the most prolific living photographers at National Geographic magazine, and a legend for his groundbreaking work. Jennifer Hayes is an aquatic biologist and a globally published photojournalist. The two will lead you on a visual journey from their most recent National Geographic assignments, from the tropics to the polar ice. The 90 –minute presentation with slides and a Q & A will take place Tuesday, March 14, 2017, beginning at 7 PM at Kleinhans Music Hall, 3 Symphony Circle in Buffalo, NY. General admission seating is \$35; student tickets \$15; reserved VIP seats at \$75 includes a pre-event meet and greet at 5:30 pm with the photographers. Tickets.

## Wednesday, March 15

**Buffalo Zoomobile Presents Endangered Species**- 7pm. By Robin Sanecki, Outreach Program Specialist, Buffalo Zoo. This program defines what threatened, endangered, extirpated and extinct species are. It also shows a cross-section of animals on the endangered species list, the reasons they are in danger, and preventative measures that have arisen over the years to help save these wonderful creatures. A look at the illegal pet trade, animal hunting/exploitation for merchandise, and habitat destruction delivers a solemn message of the plight of these animals, while a look into the protective laws and conservation/preservation efforts of zoos and nature preserves offer hope for the future. A final look will be given to individual solutions, group awareness, education, and recycling. This program features live animals and exhibits and will be held in the auditorium of the Gateway Executive Office Building, 3556 Lake Shore Rd., Blasdell, NY. \$5/person, Penn Dixie Members: FREE. No preregistrations required.

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

**The Byron Dig: Mastodons in our Backyard-** 6 to 8pm. Seymour isn't the only Mastodon at the Buffalo Museum of Science! Learn more about the Museum's Mastodons excavated from the local Genesee County dig site and take a look at the specimens that teach us about life on the Niagara Frontier over 10,000 years ago. Ages: adults 18+, Cost: \$25 non-members, \$15 BMS members, Registration deadline: one week in advance.

#### Thursday, March 16

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

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

#### Friday, March 17

Winter Morning Wellness Series- The non-profit Wellness Institute of Greater Buffalo and its community partners host a walk in the Sears Court area of the Boulevard Mall. On-Site Registration and Mini-Wellness Fair begins at 8:30 AM in the Sears Court area. Walks begin at 9:15 AM. Free.

#### Saturday, March 18

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

**Horticulture Classes at The Buffalo and Eric County Botanical Gardens**- 11 a.m. – 1 p.m. five Saturdays at the Botanical Gardens, 2655 South Park Ave., Buffalo. The classes will be taught by horticulturist David Clark, who is becoming one of the country's noted garden speakers. These classes are great for beginners or gardeners and landscapers wishing to brush up on their skills. Cost for Botanical Gardens members for a full series of five classes is \$100 (\$120 nonmembers) and the cost for individual classes is \$22 (\$27 nonmembers). register Topic of the day-Great Grasses & Lawn Care.

**Maple Sugaring: Past and Present** -10:00am-1:00pm at Taylor Road Park, Hamburg. Sharing the methods of sap collection and maple sugaring preparation as practiced by Native Americans, early settlers and modern day producers. Following the program, a delicious pancake brunch will be served featuring our locally produced maple syrup. Fees: Adults: \$12 | Children (Under 12): \$7 - includes program and brunch. Cosponsored by the Hamburg Recreation Department. Please register through the Recreation Department by calling (716) 646-5145 or visiting <a href="http://www.hamburg-youth-rec-seniors.com/index.html">http://www.hamburg-youth-rec-seniors.com/index.html</a>.

**Basics of Birding**- 10am to 12:30pm at DeVeaux Woods State Park. You see a bird but you have no clue what it is! Join us and learn the basics of bird identification and equipment needed to get you started on this fun-filled hobby! A short walk in the park will be included. Appropriate for families with children ages 8 and up. To register, call (716) 282-5154.

**Container Gardening Workshop-**Free at Urban Roots, 2pm with Patti Jablonski-Dopkin and David Clark. You will need to register for classes as space is limited. Please email us at <a href="http://info@urbanroots.org">http://info@urbanroots.org</a> or call the store @ 716-362-8982 to register.

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

**Woods Walk: Early Signs of Spring-**11am. Join a guided nature walk to look for signs of the season. No registration required. Reinstein Woods Nature Preserve.

**Astronomy Night: The Winter Constellations**- 7pm at Penn Dixie site. Join us for a last look at the Winter Triangle. Bring warm clothes. Free for members, \$4 for public. <a href="www.penndixie.org">www.penndixie.org</a>

**Volunteer Training at Tifft Nature Preserve-**10:00am - 12:00pm. Share nature with our community's children! Volunteer tour guides are needed weekday mornings to lead Pre-Kindergarten through 12th grade students on Tifft's trails. Tour topics include natural habitats, life cycles, Native Americans, and more, but volunteers only need a love of the outdoors and an interest in working with students. Bring a friend! Training is for ages 18+. Pre-registration required by calling 716-825-6397.

**LIVE Birds Paint & Photo-** Tifft Nature Preserve, 2:00pm - 03:30pm. Paint, sketch, photograph LIVE birds of prey during an indoor art workshop with Messinger Woods Wildlife Care! Real owls, hawks, and falcons are presented just for you to sit and capture with paint, pencil, or photography. Birds will be presented for 30 minute time blocks and limited art materials will be available to borrow. A portion of proceeds go towards Messinger Woods Wildlife Care's nonprofit mission. For ages 18+. Register.

Maple Harvest Festival-9am – 3pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, (map). Visit our sugar shanty, taste fresh maple syrup and Jack Wax, see maple sugar made the Native American way, and fuel up with our all you can eat pancake breakfast! Win fabulous items in our basket raffle. Crafts and other fun activities will occur all weekend long. Maple syrup and other maple products will be available for sale in the gift shop as well as maple cotton candy and other maple snacks! \$9 Adults / \$7 - 12 & Under / 3 & Under free. www.buffaloaudubon.org.

**South Park Botanical Garden tour**-10am – 12pm at Botanical Gardens, 2655 South Park Ave, Buffalo, NY 14218, USA (map). Niagara Frontier Botanical Society Trip. We will enjoy beautiful plants indoors, and view he many changes and improvements recently completed at the Garden. Meet inside the door. Leader: Ed Fuchs, 598-1307.

**Discovering Snowflakes-** 10:30 am-11:30am. It is said that everybody has a double out there in the world somewhere. But is this true for snowflakes? Snowflakes are created when ice crystals stick together and float to the ground from the sky. As each snowflake falls, it passes through a variety of temperatures and moisture levels. These differences in the air allow the snowflake to take shape. But how many shapes? Come learn the answer as naturalist, Barb Busack, shares her knowledge of these beautiful ice forms. A craft will follow the presentation, making this program great for kids! This event will be held at The Portville Free Library, 1 North Main Street, Portville, New York 14770. Fee: Free for members, \$5 for non-members and free for children 13 and under. Minors must be accompanied by an adult. Register by 4 PM, Thursday, March 16th, 2017. Sign up on the Programs Calendar on our website at <a href="www.pfeiffernaturecenter.org">www.pfeiffernaturecenter.org</a> or contact the office at 716-933-0187. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center where science, art & nature come together.

Artist's Workshop with Illustrator Robin Brickman-10:00am – 12:00pm at Roger Tory Peterson Institute, Jamestown. This talented artist will deliver a visual presentation sharing her process for illustrating the book Leaflets Three, Let it Be!, which features her work entitled Baby Opossum and Insects in the Fall, currently on view in Focus on Nature XIV in our galleries. Participants will then enjoy creating a small, three-dimensional paper sculpture of their own using Robin's cut and sculpted paper techniques. This hands-on workshop is open to teens and adults who want to learn an accessible technique for creating their own three-dimensional art out of paper. All workshop materials will be provided. Brickman will also host a book signing, and several titles she has illustrated, including Leaflets Three, Let it Be!, will be available for purchase in RTPI's Nature Store. For more information about this artist, please visit her website: <a href="http://www.robinbrickman.com">http://www.robinbrickman.com</a>. Registration is required for this event! Please contact Amy Hudson at (716) 665-2473, ext. 227 for more information and to reserve your space! THE EARLY BIRD REGISTRATION FEE IS \$15 THROUGH MARCH 11th. The registration fee after March 11th is \$20.

**Buffalo Ornithological Field Trip: Owl Woods and Braddock Bay-** Owl Woods parking lot on Manitou Beach Road, Hilton, NY at 930am. Leader - Jim Adams. We are very fortunate this year to have a member of Braddock Bay Raptor Research as our guide through Owl Woods. Our main focus here will be the unequivocally endearing Saw-whet Owl. This migratory species is difficult to detect while roosting but with Jim's assistance we hope to see one. Long-eared Owl is also a possibility. We will spend about an hour and a half walking the spruce grove in search of these owls. If the weather permits, we may be able to get a tour of an operating hawk banding station to boot! After Owl Woods, we will reconvene at Braddock Bay SP to view waterfowl in the bay and whatever else might be around. This trip will have a 25-person limit. Please email Alec Humann (alechumann@msn.com) to reserve your spot! BOS members will have priority.

#### Sunday, March 19

Maple Harvest Festival-9am – 3pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, (map). Visit our sugar shanty, taste fresh maple syrup and Jack Wax, see maple sugar made the Native American way, and fuel up with our all you can eat pancake breakfast! Win fabulous items in our basket raffle. Crafts and other fun activities will occur all weekend long. Maple syrup and other maple products will be available for sale in the gift shop as well as maple cotton candy and other maple snacks! \$9 Adults / \$7 - 12 & Under / 3 & Under free. www.buffaloaudubon.org.

## Monday, March 20

**First Day of Spring: Sunrise Walk-** 7am. Celebrate the beginning of spring while discovering vernal equinox traditions from around the world as you start your day. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

**First Day of Spring: Sunset Walk-**7pm. Celebrate the beginning of spring while discovering vernal equinox traditions from around the world as you end your day. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

"Gap Junctions in Cancer: Growth, Migration, and Oxidative Stress"- The Biology Department and the Great Lakes Ecosystem Science at Buffalo State College will host a talk by Shoshanna Zucker, from 4:00 - 5:15 p.m. in Bulger Communication Center 2E. All are welcome.

SEED to SUPPER: A Beginner's Guide to Low-Cost Vegetable Gardening-2 to 4pm. Part of a 5part series at True Bethel, located at 907 East Ferry Street, Buffalo, NY 14211. Become a trained volunteer Garden Educator. Seed to Supper is a comprehensive beginning vegetable gardening curriculum designed for adults who are gardening on a budget. Seed to Supper in New York is offered by Cornell's Garden Based Learning program in partnership with New York's Food Banks and Cooperative Extension offices to build more food secure communities — places where all people at all times have access to enough food for a healthy life. Increasing community food security — whether urban, suburban or rural — through programs in gardening, nutrition education, advocacy, and community organizing goes hand-in-hand with Cornell Cooperative Extension of Erie County's work to help people living with low incomes meet their short-term food needs. Those trained will be asked to join with such organizations as their local food pantry to lead Seed to Supper classes to train others and implement the practices learned. If interested in participating, RSVP to: Sharon Bachman at 716-652-5400 x 150 or sin2@cornell.edu. Free.

## Tuesday, March 21

**Citizen Science: Frogwatch USA Volunteer Training**-7pm. Become a citizen scientist! Participate in this training program, and volunteer to help monitor the frogs and toads here at Reinstein Woods. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

**African Violet and Gesneriad Society of WNY**- 7 p.m. at the Greenfield Health and Rehab facility, 5949 Broadway, Lancaster. The topic of the meeting will be: problem solving discussion. Contact <u>judyoneil1945@gmail.com</u> for detailed directions.

Become a Citizen Scientist Through FrogWatch USA- New York State Department of Environmental Conservation (DEC), in partnership with Friends of Reinstein Woods, will train interested volunteers to help FrogWatch USA at 7 p.m. at Reinstein Woods Nature Preserve. Community members can join an international team of citizen scientists by monitoring frog populations in the many wetlands throughout the preserve. The training is designed for people who are able to commit to monitoring at least one evening a week throughout the spring. Participants will learn to identify local frogs and toads by their mating calls and how to record data to be submitted to a national database. This data provides valuable information on the rise or decline of local amphibian populations and contributes to national conservation efforts. Registration is required for the training. Contact Reinstein Woods at (716) 683-5959 to sign up. Reinstein Woods Environmental Education Center is located at 93 Honorine Drive in Depew, about three miles from the Walden Galleria mall.

**Little Tykes Mini Nature Camp**- 9:30am - 11:30am, Contact 716.825.6397. Enjoy a morning of fun and exploration at Tifft 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! <u>Pre-registration</u> required for ages 3-5. \$8 per child with adult, \$4 additional child with same adult. BMS Members save 10%.

**Fins, Furs & Feathers-** 2 to 4pm. Explore our vertebrate zoology collection featuring mounts, skins, bones and jars. Buffalo Museum of Science. **Ages:** adults 18+. **Cost:** \$25 non-members, \$15 BMS members, Register at least one week in advance.

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <a href="http://buffaloah.com/h/center/lib/17lec.html">http://buffaloah.com/h/center/lib/17lec.html</a>

**35th Annual Greater Buffalo Environmental Conference (GBEC)-** The NYWEA Western Chapter is hosting at the Adam's Mark Hotel & Events Center in Buffalo, New York. . If you have any questions concerning this Conference, please call Ms. Lisa Smith (716) 856-2142. For additional information or to register, visit <a href="https://www.wnywea.org">www.wnywea.org</a>

#### Wednesday, March 22

West Valley Citizen Task Force Meeting- 6:30 – 9:00 p.m. at Ashford Office Complex, 9030 Route 219, West Valley, NY. <a href="http://westvalleyctf.org/meeting-information/">http://westvalleyctf.org/meeting-information/</a>

**Plantasia-** Preview Night at Garden and Landscape show at Erie County Fairgrounds. 5:30-8:30pm. http://www.plantasiany.com/

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

#### Thursday, March 23

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

Plantasia- Garden and Landscape show at Erie County Fairgrounds. http://www.plantasiany.com/ 10am-9pm.

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

**Lunch and Issues-**11:30 event with League of Women Voters. Margaret Wooster and Nicole Matteson on the Outer Harbor. Scotch 'n Sirloin Restaurant, 3999 Maple Road, Amherst, 14226. Need reservation for lunch. Info at <a href="http://www.lwvbn.org/misc/events.html#lwv1">http://www.lwvbn.org/misc/events.html#lwv1</a>

Green Drinks-5:30 to 7pm at Rich's Atrium. For info, contact mmcmahan@cirelectric.com

#### Friday, March 24

**Woodcock Whorl!-**6:30-8:30pm at <u>Evangola State Park.</u> Take an evening hike to witness the dazzling American Woodcock mating display flight! Serenaded by the frog chorus, explore the "Woodcock singing grounds" for a rarely seen spectacle that only happens at this time of year! *To register, call (716) 549-1050.* 

Plantasia- Garden and Landscape show at Erie County Fairgrounds. <a href="http://www.plantasiany.com/">http://www.plantasiany.com/</a> 10am-9pm.

## Saturday, March 25

**Signs of Spring Walk-**1 to 3pm at <u>Earl W. Brydges Artpark State Park.</u> Emerge from winter hibernation and join us on a walk through the park to rediscover the beauty of spring. *To register, call (716) 282-5154*.

**Spring is Here!**-1 to 3pm at Knox Farm State Park. Celebrate the coming of spring by taking a hike through field and forest. We'll search for tell-tale signs of the land and its occupants priming for longer days and warmer weather! *To register, call (716) 282-5154*.

**Red Wiggler Worm Composting**-10:30am. Discover the many benefits of worm composting. Worm starter kits are available to make at the program. \$5 per kit, \$3 per kit for Friends of Reinstein Woods members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

**Seed Starting-**Free at Urban Roots, 2pm with Richard Price. You will need to register for classes as space is limited. Please email us at <a href="http://info@urbanroots.org">http://info@urbanroots.org</a> or call the store @ 716-362-8982 to register.

**Snowshoe Tour: Winter Wildlife-**Buffalo Riverkeeper tour @ De Veaux Woods and Whirlpool State Park, 10am to noon. Tickets

**Red Wiggler Worm Composting-** 10:30am. Explore the world of worm compost, one of the most beneficial fertilizers for indoor and outdoor plants. Worm starter kits are available to make at the program. Cost/kit is \$5; \$3 Friends of Reinstein members. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

**Birding 101:** Class #3- 2:30pm. What bird am I? Come learn the general types of birds found in Reinstein Woods. For adults and children ages 8 and older. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

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

Lake Ontario Plain Field Trip for Buffalo Ornithological Society- Route 78 and Route 104 (map). Lake Ontario Plain Field Trip for early migrants. This popular field trip seeks returning birds, like Killdeer, blackbirds, and Eastern Meadowlark, overwintering birds, like Rough-legged Hawk, Snow Bunting, and Lapland Longspur, and an abundance of waterbirds. We will look for loons, grebes, a variety of ducks and geese, and any goodies that might be around. Seven species of geese have been found on this trip. Last year's excursion found a King Eider. We will also keep our eyes to the skies in search of migrating raptors, which are often prevalent in spring up by Lake Ontario. Previous trips have recorded Golden Eagle. Come join us and start to get over your spring fever! Meet at 8 AM at Tops Market in Wright's Corners. This is on the east side of Route 78 at Route 104, north of Lockport. Leader: Willie D'Anna 751-3637 or dannapotter@roadrunner.com.

**Sugar Shanty Open to the Public-**10am – 12pm at WhereBeaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082 (<u>map</u>). Stop in and see our sugar shanty in action at Beaver Meadow as we turn maple sap into sweet syrup. Free.

**Spring Amphibian Hike-** 1pm – 3pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, (map). Join Naturalist Tom Kerr for a spring hike in search of the Frogs, Toads, and Salamanders that make their home at Beaver Meadow. Spring is here and the woods will be full of the sounds of frogs looking for mates! Call 585-457-3228 to register. \$5.

Chile Fundraiser- Approximately 1,500 homes have burned down. Over 6,000 people without shelter. Entire communities gone. Hospitals, schools, churches. This has been the worst wildfire the country has ever seen. Help us support Chile in their time of need as they begin their efforts to rebuild. We will be donating any funds raised to the nonprofit "A Roof for Chile" ("Un Techo Para Chile"). We will be hosting a dinner from 6 to 9pm that includes food, music, and a silent auction. General admission is \$35 and \$25 for students or seniors. El Buen Amigo, 114 Elmwood. To reserve your place, email us at <a href="mailto:lacabuffalo@gmail.com">lacabuffalo@gmail.com</a> or <a href="mailto:here.">here.</a>

Plantasia- Garden and Landscape show at Erie County Fairgrounds. http://www.plantasiany.com/ 10am-9pm.

**About Boating Safely Course-**\$40, 8 hr course in Youngstown. Contact Bob Hasse at <a href="mailto:frhasse@gmail.com">frhasse@gmail.com</a> for info and registration.

## Sunday, March 26

**Plantasia-** Garden and Landscape show at Erie County Fairgrounds. <a href="http://www.plantasiany.com/">http://www.plantasiany.com/</a> 10am-5pm.

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

#### Monday, March 27

Clean Air Coalition Member Monday- 4 to 6pm. 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.

SEED to SUPPER: A Beginner's Guide to Low-Cost Vegetable Gardening-2 to 4pm. Part of a 5part series at True Bethel, located at 907 East Ferry Street, Buffalo, NY 14211. Become a trained volunteer Garden Educator. Seed to Supper is a comprehensive beginning vegetable gardening curriculum designed for adults who are gardening on a budget. Seed to Supper in New York is offered by Cornell's Garden Based Learning program in partnership with New York's Food Banks and Cooperative Extension offices to build more food secure communities — places where all people at all times have access to enough food for a healthy life. Increasing community food security — whether urban, suburban or rural — through programs in gardening, nutrition education, advocacy, and community organizing goes hand-in-hand with Cornell Cooperative Extension of Erie County's work to help people living with low incomes meet their short-term food needs. Those trained will be asked to join with such organizations as their local food pantry to lead Seed to Supper classes to train others and implement the practices learned. If interested in participating, RSVP to: Sharon Bachman at 716-652-5400 x 150 or sin2@cornell.edu. Free.

# Tuesday, March 28

**Sierra Club Meeting-** 7 to 9pm in Room 227, Duns Scotus Hall, Daemen College, 4380 Main St., Amherst, 14226. All welcome.

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <a href="http://buffaloah.com/h/center/lib/17lec.html">http://buffaloah.com/h/center/lib/17lec.html</a>

# Wednesday, March 29

About Boating Safely-8 hr Boating Safety course in Youngstown. \$40, contact Bob Hasse, frhasse@gmail.com

# Thursday, March 30

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

**Citizen Science Research: Project Budburst Training-** 6:30pm. Reinstein Woods is involved in monitoring specific tree and plant species each year to record their phenophases (annual life cycle of plants) throughout the seasons. Recordings needed April to November, days and times flexible. For adults only. Registration required; call 716-683-5959 to sign up. Reinstein Woods Nature Preserve.

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

"Consciousness and Cosmology: The Path to Wholeness" - 7:30 at the Montante Cultural Center, Canisius College, 2001 Main Street, Buffalo. Presentation by Ilia Delio, OSF.

**Sierra Club Climate and Clean Energy Writers Group**- 6 to 7:30pm at Crane Branch Library. Presentation is "The Transition to Clean Energy in Germany" by Richard Lipsitz, President, WNY Area Labor Federation. Free and all are welcome. For info, email billnowa@gmail.com.

# Friday, March 31

**Taste of Paradise**- The Buffalo and Erie County Botanical Gardens will host from 6 to 9 p.m. at the Botanical Gardens, 2655 South Park Avenue, Buffalo. Soak in the vibrant colors and tastes of the Gardens while you sip tropical cocktails from Captain Morgan, enjoy the fresh smells of spring, taste herbs, fruits and savory delights and listen to the sounds of tropical fun. Tickets include cocktails from the Captain, wine, beer and delicious tidbits from: Buffalo's Best, Country Club Catering, Ilio DiPaolo's, Lucarelli's, Obviously Avi Catering, Oliver's, Salvatore's and Tonawanda Castle Catering. Sponsored by M&T Bank, Captain Morgan, Buffalo Spree, Star 102.5 and Backyard Party Supply. Purchase tickets online or call 827-1584, ext. 219. Admission is \$35 for members of the Botanical Gardens and \$40 for the general public (\$45 after March 26).

#### Saturday, April 1

Western NY Hosta Society Breakfast- 10 a.m. on the first Saturday of the month through April at the Forestview Restaurant, 4781 Transit Rd., Depew. This a social get-together. You pay for your own breakfast. Attendees are asked to bring to the table something that they can pass around and talk about. It can be a plant, a seedling, a catalogue, a magazine, a book, a favorite garden tool, a new deer repellent or anything to get folks talking. You must RSVP before 5 p.m. on the previous Friday so that they can tell the restaurant how many people to expect. RSVP at (716) 941-6167 or H8staman@aol.com.

**Plants for Birds-** 10:00am – 11:30am at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA (map). Create an outdoor haven by welcoming birds to your garden, patio, or balcony, while also providing them with the food and shelter they need. Better for the environment, better for you. Did you know that with some careful plant choices, you can turn your garden, patio, or balcony into an even more beautiful and environmentally-friendly space while attracting and protecting birds? All you need to do is to choose native plants Pre-registration is required. Please call 585-457-3228 to register. \$5 non-members; \$3 members.

**April Fool's Fact or Fiction-**1pm – 3pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center, NY 14082, USA (map). Join Audubon Naturalist Tom Kerr for an early spring hike through the woods at Beaver Meadow. We'll go over the truth behind nature myths and misconceptions as we go! Call (585) 457-3228 to register. \$5.

# **Tips for the Environment:**

- Consider running for office or convincing your friends to do so- Lots of organizations want to support
  people like you who care about their communities and the environment. Here's a general guide to becoming a
  political leader, or you can check out these guides that specifically address women candidates (She Should
  Run), immigrants (New American Leaders Project), veterans (New Politics), millennials (Run for
  Something), LGBTQ candidates (Victory Institute), and scientists and STEM leaders (314 Action), among
  others.
- 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.

# The 4 R's – Reduce, Reuse, Recycle and Repair By Lesley Havnes

This month I am writing to the young people in the community. If a parent is reading this please share it with your children.

World Water Day is observed on Saturday, March 22. The day highlights the problems of millions of people around the world. Only one percent of the earth's water is available for human consumption and more than one billion people on earth find it difficult to access. Most of the water in many countries is contaminated with chemicals and human waste. In some parts of the world clean drinking water usually goes to the wealthier individuals. World Water Day 2017 is drawing attention to this issue by putting pressure on local and federal governments to make changes.

Imagine a world with no water at all. You wouldn't be able to drink water, bathe, and swim and so on. Plants, animals, birds and ocean life would also get sick and die after drinking polluted water.

Did you know that children can make a very important difference towards water conservation? You can make a huge impact simply by starting at home and changing the way you, your family and friends use water.

#### **Ways Children Can Help to Conserve Water:**

- In the bathroom: When washing your hands, don't leave the water running. Wet your hands and turn the water off. Use soap and lather your hands well, then turn the water on to rinse. Next turn the water off completely and dry your hands.
- When you **brush your teeth** turn the faucet on to get your toothbrush and toothpaste wet turn it off while brushing your teeth and then on again to rinse your mouth and toothbrush. By doing this you will save at least four gallons of water from slipping down the drain.
- A regular **shower** head uses as much as 7 gallons of water every minute. Installing a low-flow showerhead cuts water use in half. If you take a five-minute shower using this type of showerhead, you will save hundreds of gallons.
- A leaking toilet can waste between 300 and 600 gallons of water per month depending on the severity of the leaks. Encourage your parents to put several drops of food coloring into the water tank top. Wait about 30 minutes without flushing. If you see the food coloring in the toilet bowl that means there is a leak and the toilet needs repair. Fixing it can save about 600 gallons of water each month!
- Do you like a drink of cold water now and then? Rather than running the kitchen faucet for several minutes to get cold water, keep a container of cold water in the refrigerator at all times. This also keeps plastic bottles out of the waste stream.
- If the family car needs to be washed encourage your parents to take it to a carwash that uses recycled water.

Tell your friends what you're doing and urge them to do the same. **Going green** is a simple way to reduce the environmental impact and save money. Doing this as a family is easy and every little bit is a step to help save the earth.

Give some thought to **World Water Day** and, if you can, please take time for you and your family to watch '*The Story of Bottled Water*' an 8 minute online video about the bottled water phenomenon.

Ask your teacher if you can share this information with your classmates so that they can participate in World Water Day activities.

"Don't forget together we can make a difference." - lesleyhaynes14@yahoo.com

# **Ongoing Volunteer Opportunities Available**

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

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

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

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

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

**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 <a href="http://buffalocentralterminal.org/you-can-help/volunteer-with-the-ctrc/">http://buffalocentralterminal.org/you-can-help/volunteer-with-the-ctrc/</a>.

**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 <u>jssbuffalo@yahoo.com</u>.

**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 <a href="www.cacwny.org">www.cacwny.org</a>.

**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 <a href="mailto:jim@excaliburls.org">jim@excaliburls.org</a> or visit <a href="http://excaliburls.org">http://excaliburls.org</a>

**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 <a href="mailto:muj265@homeny.org">muj265@homeny.org</a> or visit their website at <a href="www.homeny.org">www.homeny.org</a>.

**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 <a href="meghmccallum@gmail.com">meghmccallum@gmail.com</a>. 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 <a href="http://www.dec.ny.gov/education/1960.html">http://www.dec.ny.gov/education/1960.html</a>.

**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.

**Tifft Nature Preserve** also needs volunteers for their programs, communications, fund-raising and other events. Call 662-1342 or email <a href="mailto:tifftfriends@yahoo.com">tifftfriends@yahoo.com</a>.

#### Additional calendars with local events-

http://artvoice.com/calendar

http://www.citybration.com

http://www.buffalospree.com

http://www.explorenv.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- <a href="http://groups.yahoo.com/group/BfloIssueAlerts/">http://groups.yahoo.com/group/BfloIssueAlerts/</a>

Buffalo Promise Neighborhoods- <a href="http://buffalopromiseneighborhood.org/">http://buffalopromiseneighborhood.org/</a>

Buffalo Tours- <a href="http://buffalotours.blogspot.com/">http://buffalotours.blogspot.com/</a>

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

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

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

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

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

Dept. Environmental Conservation Calendar- http://www.dec.nv.gov/calendar/

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

Edible Buffalo- <a href="http://ediblebuffalo.wordpress.com/">http://ediblebuffalo.wordpress.com/</a>

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- <a href="http://www.outdoorsniagara.com/">http://www.outdoorsniagara.com/</a>

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

Good Neighborhood- <a href="http://thegoodneighborhood.com/">http://thegoodneighborhood.com/</a>

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- <a href="http://www.fishny.com/">http://www.fishny.com/</a>

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- <a href="http://www.southbuffalocrew.com/">http://www.southbuffalocrew.com/</a>

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- <a href="http://www.huntfishnyoutdoors.com/events.php">http://www.huntfishnyoutdoors.com/events.php</a>

WGRZ Outdoors- http://www.wgrz.com/local/2-the-outdoors/

Citizen Science Opportunities- listing

# Green Jobs, Internships and Opportunities

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

Green Jobs- <a href="http://www.greatgreencareers.com">http://www.greenjobs.com/</a>

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

Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

#### **New York State Resources**

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

## Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org

www.buffaloaudubon.org

www.buffalogardens.com

www.buffscience.org

www.tifft.org

www.buffalozoo.org

www.penndixie.org

www.yourspca.org

# **Education Resources**

**Green Education Foundation** 

Facing the Future

Cloud Institute for Sustainable Education

Sustainable Futures Institute

Nature Generation.

The Center for Ecoliteracy

Hamline's Center for Global Environmental Education (CGEE)

The National Science Teachers Association Learning Centers

The US Partnership for Education for Sustainable Development

# **Grant Opportunities**

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

www.wnygrantmakers.org/

www.grantstation.com

www.grantwatch.com

www.grantwrangler.com

www.grantsalert.com

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

https://attra.ncat.org/index.php

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

Arden Farm- http://theardenfarm.com/

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

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

Busti Cider Mill- www.busticidermill.com

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

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

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

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

Eastern Monarch Butterfly Farm- <a href="https://www.facebook.com/EasternMonarchButterflyFarm">https://www.facebook.com/EasternMonarchButterflyFarm</a>

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

Falkimmer Farms- <a href="http://falkimmerfarms.com/">http://falkimmerfarms.com/</a>

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

Farmers and Artisans- http://farmersandartisans.com

Farmthisway CSA - <a href="http://www.farmthisway.com/">http://www.farmthisway.com/</a>

Fenton's Produce- www.fentonsproduce.com

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

Five Loaves Farm- Kauffman.m@gmail.com

Flavor Farm- www.flavor-farm.com

Good Food Farm- www.goodfoodfarm.blogspot.com

Gormley Farms- https://www.facebook.com/gormleyfarms

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

Green Shoots- www.jersbuffalo.org/index.php/programs/category/Green Shoots for New Americans

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

McCollum Orchards/Wildwood CSA- http://www.oldfarmnewlife.com/

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

Native Offerings- http://nativeofferings.com/

Niagara Malt- www.niagaramalt.com

Plato Dale Farm- http://www.platodalefarm.org/

Porter Farms- http://porterfarms.org/

The Promised Land- http://www.promisedlandcsa.com/produce.htm

Queen City Farm- www.queencityfarm.org/

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

Richardson Farms/Grace's Garden- http://www.localharvest.org/richardson-farms-graces-garden-M51641

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

Root Down- www.therootdownfarm.com

Sinemus Farms- <a href="http://www.sinemusfarms.com/">http://www.sinemusfarms.com/</a>

Singer Farms Naturals-www.singerfarmnaturals.com

Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com

T-Meadow Farms- http://tmeadowfarm.com/

Wilson Street Urban Farm- http://wilsonstreeturbanfarm.wordpress.com/

NY Sustainable Agriculture Working Group- http://www.farmtraveleronline.com/

NYSAWG Links to Farmers' Markets, CSA, Other farms- http://www.nysawg.org/directory-of-farms.html

Local Harvest (resource site)-http://www.localharvest.org/

NY Agri-women - <a href="http://www.newyorkagriwomen.com/">http://www.newyorkagriwomen.com/</a>

Local Meats- <a href="http://meatsuite.com/">http://meatsuite.com/</a>

## **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 <a href="https://www2.erie.gov/recycling/index.php?q=node">www2.erie.gov/recycling/index.php?q=node</a>)

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, Hearts for the Homeless -to see what is accepted <a href="https://www.nysar3.org/page/re-clothe-ny-78.html">https://www.nysar3.org/page/re-clothe-ny-78.html</a>

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 <a href="http://donateglasses.net/search.html">http://donateglasses.net/search.html</a> for sites accepting donations

Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.

Fur coats (incl faux fur)- <a href="http://coatsforcubs.com">http://coatsforcubs.com</a> (used for animal rehab for young animals)

Gift cards and customer loyalty cards- <a href="http://www.earthworkssystem.com/consumers.html">http://www.earthworkssystem.com/consumers.html</a>

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- <a href="http://triadrecycle.com/mattress/">http://triadrecycle.com/mattress/</a> Hazman, Buffalo ReUse ReSource

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

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

Packaging Materials (bubble wrap, peanuts)-UPS Store

Pantyhose/tights- NoNonsense.com/PantyhoseRecycling.aspx

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

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

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

Recycling A to Z - realsimple

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

Sports equipment-resell/trade at <a href="https://www.playitagainsports.com">www.playitagainsports.com</a>

Styrofoam- Thermal Foams, Inc. accepts clean, white Styrofoam at 2101 Kenmore Avenue, 14207. Please call first at (716) 874-6474.

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

Toys, plastic- http://dmpgreen.com/mail in.html

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

Water filters-Brita partners with preserve products.com/recycling

Yoga mats- Recycle Your Mat.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.wwoof.org/ http://www.americanhiking.org/

#### **Education Courses or Certificates:**

Energy University Website with Schneider Electric- <u>Courses</u> are free Green Classroom Professional Certificate- Online courses, info <u>here</u> Solar Energy Training- <u>http://www.solarenergy.org/training-schedule/</u> Coursera- www.coursera.org

#### **Miscellaneous:**

Green America's guide to Socially Responsible Investing- <a href="http://pubs.greenamerica.org/i/116105">http://pubs.greenamerica.org/i/116105</a>
Buffalo Relocation and Self-Promotion <a href="http://www.wherelifeworks.com/">http://www.wherelifeworks.com/</a>
Change Food Library <a href="http://www.changefood.org/changefoodlibrary/">http://www.changefood.org/changefoodlibrary/</a>
USDA Tool Kit for Local Food toolkit

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

Adirondack Mountain Club-Niagara Frontier Chapter <a href="http://adk-nfc.org/">http://adk-nfc.org/</a>

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

AIA Buffalo Western NY <a href="https://www.aiabuffalowny.org/">https://www.aiabuffalowny.org/</a>

Allegany Nature Pilgrimage <a href="http://alleganynaturepilgrimage.com/">http://alleganynaturepilgrimage.com/</a>

Alliance for the Great Lakes <u>www.greatlakes.org</u>

American Planning Association-WNY Section/Upstate <a href="https://www.wnyapa.com">www.wnyapa.com</a>

American Meteorological Society-WNY Chapter www.facebook.com/amswnychapter

Amherst State Park Arboretum <a href="http://www.amherststatepark.org/ASP/Welcome.html">http://www.amherststatepark.org/ASP/Welcome.html</a>

Animal Advocates of Western New York http://www.animalswny.org/

Aquarium of Niagara www.aquariumofniagara.org

Artfarms http://www.artfarms.org/

Asha Sanctuary for Rescued Farm Animals <a href="http://www.ashasanctuary.com/">http://www.ashasanctuary.com/</a>

AWARE-Assoc. for Wild Animal Rehabilitation & Education http://www.awarewildlife.com/

Bergen Swamp Preservation Society <a href="http://www.bergenswamp.org/">http://www.bergenswamp.org/</a>

Bless the Beasts Foundation http://blessthebeastsinc.webs.com/

Bond Lake Environmental & Beautification Committee http://www.freewebs.com/bondlake/

Braddock Bay Bird Observatory <a href="http://braddockbaybirdobservatory.wordpress.com/">http://braddockbaybirdobservatory.wordpress.com/</a>

Buffalo Architecture Foundation <a href="http://www.buffaloarchitecture.org/">http://www.buffaloarchitecture.org/</a>

Buffalo Audubon Society/Beaver Meadow Nature Center www.buffaloaudubon.org

Buffalo Bike Share <u>www.buffalobikeshare.org/</u>

Buffalo Brownfields Opportunities Areas <a href="http://buffalobrownfieldopportunities.com/">http://buffalobrownfieldopportunities.com/</a>

Buffalo Niagara Community Reinvestment Coalition <a href="https://www.facebook.com/BNCRC/">https://www.facebook.com/BNCRC/</a>

Buffalo and Erie County Botanical Gardens <u>www.buffalogardens.com</u>

Buffalo Farm to School Program http://buffalofarmtoschool.org/

Buffalo First <u>www.buffalofirst.org/</u>

Buffalo Geological Society <u>www.bgsny.org</u>

Meetings 7:30pm, first Fri. Oct-April, Parkside Lutheran

Buffalo Green Code <a href="http://www.buffalogreencode.com/">http://www.buffalogreencode.com/</a>

Buffalo Heritage Carousel <a href="http://buffaloheritagecarousel.org/">http://buffaloheritagecarousel.org/</a>

Buffalo in Bloom https://www.facebook.com/BuffaloinBloom/

Buffalo Maritime Center <a href="http://www.buffalomaritimecenter.org/">http://www.buffalomaritimecenter.org/</a>

Buffalo Museum of Science www.sciencebuff.org/

Buffalo Niagara Riverkeeper <u>www.bnriverkeeper.org/</u>

Buffalo Olmsted Parks Conservancy www.bfloparks.org

Buffalo Orienteering Club http://www.buffalo-orienteering.org/

Buffalo Ornithological Society <a href="http://www.buffaloornithologicalsociety.org/">http://www.buffaloornithologicalsociety.org/</a>

Buffalo Recycles <a href="http://buffalorecycles.org/">http://buffalorecycles.org/</a>

Buffalo ReUse www.buffaloreuse.org/

Buffalo Urban Development Corp <a href="http://budc.ecidany.com/">http://budc.ecidany.com/</a>

Buffalo Zoo www.buffalozoo.org

Burchfield Nature and Art Center <a href="http://www.burchfieldnac.org/">http://www.burchfieldnac.org/</a>

Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
Citizen Science Community Resources	http://www.airhugger.org/
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	http://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Community Action Organization of Erie County	http://www.caoec.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cornell Cooperative Extension for Cattaraugus County	http://chautauqua.cce.cornell.edu/
Cornell Cooperative Extension for Erie County	http://counties.cce.cornell.edu/erie/
Cornell Cooperative Extension for Niagara County	http://counties.cce.cornell.edu/niagara/
Daemen College Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	http://www.d2lsbuffalo.com/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	http://www.eriecanalharbor.com/

http://eccgoinggreen.ecc.edu/index.html

Erie County Community College Going Green

Erie County Conservation Society <a href="http://eccs-club.org/">http://eccs-club.org/</a>

Erie County Department of Environment and Planning <a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>

Erie County Environment Management Council <a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>

Erie County Farm Bureau <a href="http://www.ecfarm.com/">http://www.ecfarm.com/</a>

Erie County Federation of Sportsmen's Clubs <a href="http://www.eriectyfsc.org/">http://www.eriectyfsc.org/</a>

Erie County Parks and Recreation <a href="http://www.erie.gov/parks">http://www.erie.gov/parks</a>

Erie County Soil and Water Conservation <u>www.ecswcd.org/</u>

Excalibur Leisure Skills <a href="https://www.facebook.com/excaliburleisureskills/">https://www.facebook.com/excaliburleisureskills/</a>

Explore Buffalo <u>www.explorebuffalo.org</u>

Farm2Curb <a href="https://www.facebook.com/farmtocurb">https://www.facebook.com/farmtocurb</a>

Fillmore Corridor Neighborhood Coalition <a href="http://www.fcnc-buffalo.org/">http://www.fcnc-buffalo.org/</a>

First Hand Learning www.firsthandlearning.org

Food is our Medicine Project <u>www.foodisourmedicine.org/</u>

Food Policy Council of Buffalo & Erie County <a href="http://buffaloeriefoodpolicycouncil.org/">http://buffaloeriefoodpolicycouncil.org/</a>

For A Clean Tonawanda Site <u>www.factsofwny.com/</u>

Foundry http://thefoundrybuffalo.org/

Friends of the Iroquois National Wildlife Refuge <a href="http://www.friendsofiroquoisnwr.org/">http://www.friendsofiroquoisnwr.org/</a>

Friends of Times Beach Nature Preserve <a href="http://www.friendsoftimesbeachnp.org/">http://www.friendsoftimesbeachnp.org/</a>

Foothills Trail Club www.foothillstrailclub.org

Garden Clubs of WNY www.gardenclubsofwny.com

Garden Walk Buffalo <a href="http://gardenwalkbuffalo.com/">http://gardenwalkbuffalo.com/</a>

Genesee County Nature Center <u>www.gcv.org</u>

Global Justice Ecology Project <a href="http://globaljusticeecology.org/">http://globaljusticeecology.org/</a>

Go Bike Buffalo <a href="http://gobikebuffalo.org/">http://gobikebuffalo.org/</a>

Good Going WNY www.goodgoingwny.com

Gooseneck Hill Waterfowl Sanctuary <a href="https://www.gooseneckhillwaterfowlfarm.com">www.gooseneckhillwaterfowlfarm.com</a>

Grassroots Gardens of Buffalo <u>www.grassrootsgardens.org/</u>

Greater Buffalo-Niagara Regional Transportation Council <u>www.gbnrtc.org/</u>

Great Lakes Beach Sweep http://greatlakesbeachsweep.org/

Great Lakes Center at Buffalo State College http://greatlakescenter.buffalostate.edu/

Great Lakes Experience <a href="http://www.thegreatlakesexperience.org">http://www.thegreatlakesexperience.org</a>

Green Development Zone <a href="http://greendevelopmentzone.org/">http://greendevelopmentzone.org/</a>

Greenup Jamestown <a href="https://www.greenupjamestown.com/">https://www.greenupjamestown.com/</a>

Greenworks WNY <a href="https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/">https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/</a>

Groundwork Buffalo <u>www.gwbuffalo.org</u>

Habitat for Humanity Buffalo <a href="http://www.habitatbuffalo.org/">http://www.habitatbuffalo.org/</a>

HEART Animal Rescue and Adoption <a href="https://www.heartforanimals.org/events.php3">https://www.heartforanimals.org/events.php3</a>

Heart of the City Neighborhoods, Inc. <a href="https://www.hocn.org">www.hocn.org</a>

Iroquois National Wildlife Refuge <a href="http://www.fws.gov/refuge/iroquois/">http://www.fws.gov/refuge/iroquois/</a>

Jamestown Audubon Center & Sanctuary <u>www.jamestownaudubon.org</u>

Jamestown Community College <a href="http://www.sunyjcc.edu/sustainability">http://www.sunyjcc.edu/sustainability</a>

Jane's Walk-Buffalo

http://janeswalk.org/united-states/buffalo-ny/

Junior Solar Sprint Buffalo www.jssbuffalo.com

Lake Erie Seaway Trail Center <a href="http://lakeerieseawaytrail.org/">http://lakeerieseawaytrail.org/</a>

League of Women Voters of Buffalo Niagara <a href="http://www.lwvbn.org/">http://www.lwvbn.org/</a>

Learning Sustainability Campaign <a href="http://www.learningsustainability.com/">http://www.learningsustainability.com/</a>

Local Initiatives Support Corporation <a href="http://www.buffalolisc.org">http://www.buffalolisc.org</a>

Massachusetts Avenue Project <a href="http://mass-ave.org/">http://mass-ave.org/</a>

Matt Urban Human Services Center <a href="http://urbanctr.org/">http://urbanctr.org/</a>

Messinger Woods Wildlife Care and Education Center, Inc <a href="www.messingerwoods.org">www.messingerwoods.org</a>

Nannen Arboretum <a href="http://www.nannenarboretum.org/">http://www.nannenarboretum.org/</a>

Nature Conservancy-Central and Western New York Chapter <a href="http://Nature.org/centralwestern">http://Nature.org/centralwestern</a>

Nature Sanctuary of Western New York <a href="http://nsswny.org/">http://nsswny.org/</a>

New York Farm Bureau <a href="http://www.nyfb.org/">http://www.nyfb.org/</a>

New York Flora Association http://www.nyflora.org/

New York Forest Owner's Association <u>www.nyfoa.org</u>

New York Interfaith Power and Light <u>www.newyorkipl.org/</u>

New York League of Conservation Voters <a href="http://www.nylcv.org/">http://www.nylcv.org/</a>

New York Power Authority www.nypa.gov

New York Public Interest Research Group <a href="http://www.nypirg.org/">http://www.nypirg.org/</a>

New York State Association of Conservation Commissions <a href="http://www.nysaccny.org/index.php">http://www.nysaccny.org/index.php</a>

New York State Ornithological Association http://nybirds.org/index.html

New York State Outdoor Education Association <a href="http://nysoea.org/">http://nysoea.org/</a>

New York State Parks <u>www.nysparks.com</u>

New York State Sea Grant <a href="http://www.seagrant.sunysb.edu/">http://www.seagrant.sunysb.edu/</a>

New York State Soil and Water <a href="http://www.nys-soilandwater.org/">http://www.nys-soilandwater.org/</a>

New York State Sustainable Agriculture Working Group <a href="http://www.ny-sawg.org/">http://www.ny-sawg.org/</a>

New York Upstate Chapter of the Green Building Council <a href="http://www.greenupstateny.org/">http://www.greenupstateny.org/</a>

New York State Wetlands Forum http://www.wetlandsforum.org

Niagara County Farm Bureau http://www.niagaracountyfarmbureau.com/

Niagara County Landfill and Recycling <a href="http://www.rethinkyourwaste.com/">http://www.rethinkyourwaste.com/</a>

Niagara County Parks <a href="http://www.niagaracounty.com/Parks/">http://www.niagaracounty.com/Parks/</a>

Niagara County Soil and Water Conservation District <u>www.niagaraswcd.com</u>

Niagara Frontier Botanical Society <u>niagarafrontierbotanicalsociety.org</u>

Niagara Frontier Wildlife Habitat Council <a href="http://www.nfwhc.org/">http://www.nfwhc.org/</a>

Niagara Heritage Partnership <a href="http://www.niagaraheritage.org/">http://www.niagaraheritage.org/</a>

Niagara Restoration Council <u>www.niagararestoration.org/</u>

Niagara River Anglers Association <a href="http://www.niagarariveranglers.com">http://www.niagarariveranglers.com</a>

Niagara River Greenway Commission <u>www.niagaragreenway.org</u>

Niagara University Sustainability http://www.niagara.edu/green/

Northeast Organic Farming Association of New York <a href="http://nofany.org">http://nofany.org</a>

Oakmossed Education <a href="http://oakmossed.com">http://oakmossed.com</a>

One Region Forward http://www.oneregionforward.org/

Open Buffalo <a href="http://www.openbuffalo.org/">http://www.openbuffalo.org/</a>

Partnership for the Public Good <a href="www.ppgbuffalo.org">www.ppgbuffalo.org</a>

Paths, Peaks and Paddles www.pathspeakspaddles.com

Penn Dixie Paleontological and Outdoor Education Center <a href="www.penndixie.org">www.penndixie.org</a>

Pfeiffer Nature Center (Portville) <u>www.pfeiffernaturecenter.org</u>

People United for Sustainable Housing <a href="http://www.pushbuffalo.org">http://www.pushbuffalo.org</a>

Plant WNY http://www.plantwny.com/

Preservation Buffalo Niagara <a href="http://www.preservationbuffaloniagara.org/">http://www.preservationbuffaloniagara.org/</a>

Primate Sanctuary <a href="http://theprimatesanctuary.com">http://theprimatesanctuary.com</a>

Regional Councils NYS 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) <a href="http://rarerehab.org/">http://rarerehab.org/</a>

Restore our Community Coalition <a href="http://roccbuffalo.org/">http://roccbuffalo.org/</a>

Retree Western New York <u>www.re-treewny.org</u>

ReUse Action <a href="http://reuseaction.com/">http://reuseaction.com/</a>

Rise Up for Climate Justice <a href="https://www.facebook.com/riseupforclimatejustice/">https://www.facebook.com/riseupforclimatejustice/</a>

Rochester Environmental Groups <a href="http://rochesterenvironment.com/EXTRA/enviromentalists.htm">http://rochesterenvironment.com/EXTRA/enviromentalists.htm</a>

Roger Tory Peterson Institute <u>www.rtpi.org</u>

Service Collaborative of WNY <a href="http://www.tscwny.org/">http://www.tscwny.org/</a>

Sierra Club (Niagara Group of Atlantic Chapter) <a href="http://niagarasierraclub.com/">http://niagarasierraclub.com/</a>

Slow Roll Buffalo <a href="http://slowrollbuffalo.org/">http://slowrollbuffalo.org/</a>

South Buffalo Alive <a href="https://www.facebook.com/South-Buffalo-Alive-174141769403626/">https://www.facebook.com/South-Buffalo-Alive-174141769403626/</a>

SPCA serving Erie County www.yourspca.org

Street Synergy <a href="http://www.streetsynergy.org/">http://www.streetsynergy.org/</a>

SUNY Fredonia <a href="http://www.fredonia.edu/gogreen/">http://www.fredonia.edu/gogreen/</a>

Sustainability at Buffalo State <a href="http://sustainability.buffalostate.edu/">http://sustainability.buffalostate.edu/</a>

Sustainable Earth Solutions www.sustainableearthsolutions.com

Tesla Fest https://www.teslafest.org/

Tifft Nature Preserve http://www.tifft.org/tifft/

Tonawanda Creek Watershed Committee <a href="https://tonawandacreek.shutterfly.com/">https://tonawandacreek.shutterfly.com/</a>

Tonawanda Tomorrow <a href="http://tonawandatomorrow.org/">http://tonawandatomorrow.org/</a>

Tuscarora Environmental Task Force http://www.tuscaroraenvironment.com

21st Century Park on the Outer Harbor <a href="http://21stcenturypark.org/">http://21stcenturypark.org/</a>

UB Engineers for a Sustainable World <a href="http://www.eng.buffalo.edu/esw">http://www.eng.buffalo.edu/esw</a>

UB Environmental Network https://www.facebook.com/groups/2239558471/

UB ERIE Program <a href="http://www.erie.buffalo.edu/">http://www.erie.buffalo.edu/</a>

UB Office of Sustainability <a href="http://www.buffalo.edu/sustainability.html">http://www.buffalo.edu/sustainability.html</a>

UB Regional Institute http://regional-institute.buffalo.edu/

University Heights Collaborative <a href="http://ourheights.org/">http://ourheights.org/</a>

UnwasteNY http://www.unwasteny.org

Urban Land Institute http://newyork.uli.org/regional/

Urban Roots <u>www.urbanroots.org/</u>

US Army Corps of Engineers-Buffalo District <a href="http://www.lrb.usace.army.mil/">http://www.lrb.usace.army.mil/</a>

US Coast Guard-Boating Safety <a href="http://www.wnyboatsafe.org/">http://www.wnyboatsafe.org/</a>

Vision Niagara http://visionniagara.org/

Voice-Buffalo http://www.voice-buffalo.org

WASH Project http://thewashproject.org/

Wellness Institute http://www.healthycommunitynetwork.com/

Western Chapter New York Water Environment Association http://nywea.org/

Western New York AmeriCorps (Service Collaborative) http://www.tscwny.org/

Western New York Earth Day <a href="http://www.wnyearthday.org/">http://www.wnyearthday.org/</a>

Western New York Environmental Alliance http://www.growwny.org/

Western New York Family Nature Club <a href="http://lthibault.wixsite.com/wnyfamilynatureclub">http://lthibault.wixsite.com/wnyfamilynatureclub</a>

Western New York Herpetological Society <a href="http://www.wnyherpsociety.org/">http://www.wnyherpsociety.org/</a>

Western New York Hiking Trails and resources <u>www.wnyhikes.com</u>

Western New York Land Conservancy http://www.wnylc.org/

WNY Nursery and Landscape Association (PLANT WNY) <a href="http://www.plantwny.com/">http://www.plantwny.com/</a>

WNY Partnership for Invasive Species Mgmt (PRISM) <u>www.wnyprism.org</u>

WNY Permaculture https://www.facebook.com/WNY-Permaculture-1098493876841295/

Western New York Science Congress	http://wnysc.org/
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Western New York Service Learning Coalition <a href="http://levesqueinstitute.niagara.edu/programs/wnyslc/">http://levesqueinstitute.niagara.edu/programs/wnyslc/</a>

Western New York Soil Health Alliance www.wnysoilhealth.com

WNY STEM <a href="http://wnystem.org/">http://wnystem.org/</a>

Western New York Stormwater Coalition <a href="http://www2.erie.gov/environment/">http://www2.erie.gov/environment/</a>

Western New York Sustainable Business Roundtable <a href="http://www.wnysustainablebusiness.org/">http://www.wnysustainablebusiness.org/</a>

Western New York Sustainable Energy Association <a href="https://www.facebook.com/WNYSEA">https://www.facebook.com/WNYSEA</a>

WNY Peace Center Renewable Energy Task Force <a href="http://wnypeace.org/new/projects.html">http://wnypeace.org/new/projects.html</a>

West Side Ministries (716 Ministries) <a href="http://www.westsideministries.org/">http://www.westsideministries.org/</a>

West Valley Citizen Task Force <a href="https://www.westvalleyctf.org">www.westvalleyctf.org</a>

Wild Kritters <a href="http://www.wildkritters.com/">http://www.wildkritters.com/</a>

Wild Ones, Native Plants and Natural Landscapes http://www.wildonesniagara.org/

Wild Spirit Education <a href="http://www.wildspirit.org/">http://www.wildspirit.org/</a>

Wind Action Group <a href="https://buffalowind.wordpress.com/">https://buffalowind.wordpress.com/</a>

Working for Downtown <a href="http://www.workingfordowntown.org/">http://www.workingfordowntown.org/</a>

World on your Plate <a href="http://www.worldonyourplate.org/">http://www.worldonyourplate.org/</a>