

February, 2016

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

Newsletter Contents:

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

Articles:

Carbon Tax

The Sierra Club Climate and Clean Energy Writers Group will meet on **Monday February 1** from 6 to 7:30 PM in the Alliance Room - 2nd floor of the Unitarian Universalist Church - 695 Elmwood at Ferry (Use the Garden Entrance). This month's session will feature Ron Scott of the Citizens Climate Lobby. Mr. Scott is one of the foremost local advocates for a Carbon Tax. This event is free and open to the public.

Environmental Excellence Awards Program

The Erie County Environmental Management Council (ECEMC) Environmental Excellence Awards Program recognizes exceptional projects carried out by municipal and non-profit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. If you represent a municipal government or non-profit organization in Erie County that has recently completed a project that has environmental benefits, we

Environmental Excellence Awards Program.

Projects could be in the areas of Planning & Design, Land Use and Zoning, Natural Resource Protection, Air and Water Quality, Ecosystem Health, Energy and Transportation, Agriculture and Forestry, Solid Waste Management, Contaminated Sites, Community Action & Education, Climate Change or any other related subject area. Environmental Excellence Award nominations are due by **March 1, 2016**. Please request an application from Bonnie Lawrence at Bonnie.Lawrence@erie.gov.

2016 Conservation Tree and Shrub Seedling Program Orders

Erie County Soil and Water Conservation District is accepting orders for tree and shrub seedlings. Order deadline is **March 18**. Seedling orders are filled on a first-come, first-served basis. Pick up for orders will be April 23, 2016. A full listing of species available is on the [2016 Order Form](#).

Classes for Wilderness and Outdoor Activities

Paths, Peaks and Paddles is offering several courses this winter to prepare you for outdoor activities. Their

The University at Buffalo (UB) is offering three summer workshops on topics related to stream restoration.

Aquatic & Terrestrial Invasive Species Management (June 3); 2) Fundamentals of Stream Channel Design (June 6-7); and 3) Watershed Management Planning, Assessment, and Monitoring (June 8-9). Workshops are geared toward graduate students and environmental professionals. More info is available [here](#) and registration opens soon.

Buffalo Bike Share

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

Stella Niagara Preserve Vision Plan & Concept Plan

The Stella Niagara Preserve is the most ambitious and high profile project in the Western New York Land

The preserve is located on the Niagara River along Lower River Road in the Town of Lewiston just north of Niagara Falls, and sits across from the Stella Niagara Education Park and Center of Renewal. With 29-acres and over a quarter-mile of shoreline, it is the largest privately-owned, undeveloped tract of land

Free National Park Pass for Every 4th Grade Student

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

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

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

[Sustainability in Schools Simulation Game](#)- The Education for Sustainability program has designed a simulation game to show how to identify sustainability related projects that make financial sense and weave them together into a coherent strategy that take

["Wild about Birds"](#) is focused on the science of birds, including their characteristics and adaptations, habitat needs, migration, and life cycles.

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

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

[New Enviro App: Habitat the Game](#)-The Wildlife Conservation Society and Rainforest Alliance have created this new app for kids to save virtual endangered species and reduce their carbon footprint while on real-life missions.

[Technical Assistance Grants \(TAG\) Available](#)-The Preservation League of New York State is offering grants of up to \$3,000 to not-for-profit arts and cultural groups and municipalities managing historic sites, museums, arts facilities and other culturally important institutions that are located in historic buildings and structures open to the public. Applications are due by **April 11, 2016**.

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

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

[Bird Migration Field Assistant Position](#)- Field assistants are needed for passerine migration monitoring at Braddock Bay Bird Observatory (north of Rochester) for each spring season which runs from late April until late May. Assistants have an opportunity to contribute to ongoing migration and stopover research at Kaiser Manitou Beach station where 4000+ birds are typically banded in a single season! Some banding and mist net experience desirable but a positive attitude and willingness to learn is most important. Housing and a small stipend are provided. Applications will be evaluated as received; final deadline is **March 1**.

[WNY PRISM Crew Leader and Work Crew](#) - We have 1 Education and Outreach Assistant and 3 Invasive Species Management Assistant Positions available. Our Education and Outreach Assistant will work from May - September. Application deadline is **February 29**. The Invasive Species Management Crew will work from June through August. Application deadline for these positions is **March 11**.

[New York New Jersey Trail Summer conservations crews](#)-. There are several trail building crews and an invasive species management crew. Deadline-When crew is filled.

Citizen Science

[Hemlock Woolly Adelgid Project](#)-

"What You Should Know About GMOs" - 7pm presentation by Eveline Hartz at the Audubon Library's Holistic Lecture Series, 350 John James Audubon Parkway, Amherst, 14228. For info, call 716 689-4922.

Fillmore District Green Code Meeting- Please plan on attending one of the upcoming Buffalo Green Code meetings hosted by the Common Council. The meetings will provide the opportunity for attendees to ask questions and discuss the Green Code. 6:00 pm at Old First Ward Community Center, 62 Republic St., Buffalo, NY 14204. This meeting will focus on the Old First Ward, Larkinville, the Valley, and Buffalo River Community.

Wednesday, February 3

GBNRTC-PCC Meeting- 9:30AM at City Hall, Buffalo. Regional transportation issues discussed. Call 716 856-2026 for info.

Maple Syrup- 10am - 12pm at Beaver Meadow Audubon Center, 1610 Welch Rd, Java Center. I

SYRUP!! If

come to brush-

come and enjoy. Pre-registration required. Please call 585-457-3228 to register. Donations gratefully accepted.

- Buffalo Talks Series from 12-1pm at Buffalo Central Library with Guest Speaker: Steve Carmina - Carmina Wood Morris, DPC. Carmina Wood Morris, DPC was founded in 2001 and has since completed a diverse cross-section of projects contributing to downtown development. Come hear Partner, Steve Carmina discuss the importance of such developments and give a general look into the redevelopment process. This presentation will inspire and educate, with the hopes of better explaining the different challenges of the wide scopes these projects bring about, along with what it resurgence. Free, but boxed lunch may be ordered. RSVP-

<http://www.workingfordowntown.org/events/buffalo-talks-steve-carmina/>

Thursday, February 4

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

Wellness Walk at Tiff Nature Preserve- 10:00am - 12:00pm. Enjoy the fresh air and the sights and sounds of the season with a healthy, guided outdoor walk on our trails! Please call 716.825.6397

2016 CNLP Day and Education Trade Show Conference-

Depew. Agenda and details [NRETC](#) For nursery and landscape professionals and other interested parties.

Fillmore District Green Code Meeting- Please plan on attending one of the upcoming Buffalo Green Code meetings hosted by the Common Council. The meetings will provide the opportunity for attendees to ask questions and discuss the Green Code. 6:00 pm at Lt. Matt Urban Center, 1081 Broadway, Buffalo, NY 14212. This meeting will focus on the Broadway/Fillmore, Genesee/Moselle, Cltt 60 G(G)-4(e8(e)8(d)-8()-4(o)9(u

place in history, including its ties to New York State. The presentation will consist of a blend of science, history, and features of human interest. 7:30pm at the Parkside Lutheran Church at Depew and Wallace Streets in Buffalo (near the Buffalo Zoo off Parkside)

Saturday, February 6

Winter Wonderland in the Woods- 1:00 to 4:00 p.m. Discover the woods in winter! Try out snowshoes or cross-country skis for free, go on a winter scavenger hunt, and make snow art. Enjoy ice fishing demos, winter crafts for kids, and more! Refreshments for sale. For more info, visit www.reinsteinwoods.org or call 716-683-5959. No registration required. Reinstein Woods Nature Preserve.

Birdfeeders and Backyard Birds 1 to 3pm. Join Naturalist Tom Kerr for a birdfeeder demonstration and learn about the common birds that frequent our backyards. All participants will receive a coupon good for 20% off a birdfeeder or bag of birdseed in the Beaver Meadow Gift Shop. \$5. Beaver Meadow Audubon.

Winter Animal Tracks-10am to noon at [Evangola State Park](#). Take an exciting hike to discover the age-old art of tracking in the snow. Nocturnal creatures have left a trace, identify the track and make the case! *For information and registration call (716) 549-1050.*

Community Snowshoe Night Hike -10:00am 12:30pm at Taylor Road Family Recreation Facility,

Zooper S

-Spend some quality time together at the Buffalo Zoo! You will enjoy animal demonstrations and enrichment activities, and you may decide to make a favorite animal at the Zoo! The event runs from 11:00 a.m. until 3:00 p.m., and activities are free with Zoo admission. For more information, please call (716) 995-6133.

Sunday, February 7

Cross-Country Skiing at Knox Farm State Park 1 to 3pm. Join us for a serene guided cross-country ski tour of the park. Bring your own skis and join us! This is a weather dependent program. Pre-registration is required. Please register by Saturday, February 6th. (KF) Donations. www.buffaloudubon.org

Maple Syrup Production for Beginners 2 to 4pm. Maple syrup is among the oldest natural food

the syrup production. This workshop is perfect for those are interested in learning more about how to do it yourself! Space is limited and pre-registration is required. (BM) \$10 Adults. Beaver Meadow Audubon Center. www.buffaloudubon.org

Paw Prints & Poop-2:00pm -

Backyard Ch -7pm at Randall church, 6301
Main ST (next to ECC), Williamsville, NY 14221. <https://www.facebook.com/events/442354369298689/>

Fillmore District Green Code Meeting- Please plan on attending one of the upcoming Buffalo Green Code meetings hosted by the Common Council. The meetings will provide the opportunity for attendees to ask questions and discuss the Green Code. 6:00 pm at Allendale Theatre, 203 Allen St., Buffalo, NY 14201. This meeting will focus on Allentown, Lower West Side, and the Waterfront (downtown).

ADK General Meeting and Education Workshop- 6:30 - 7, Happy Half Hour: 7 - 7:30 General Meeting: 7:30 - 9:00 Location: 77 Washington Highway, Snyder Amherst Community Church NOTE: Please park in

i, Regional Forester with the NYS DEC who will discuss land management of state forests in Chautauqua, Cattaraugus and Allegany counties. Have you ever wondered why recreational ATV trails are available, why spruce removal and clear cuts occur, and how hick woolly adelgids threatening our WNY hemlock population. Dave will answer these questions and also talk about new land purchases in Zoar Valley that will protect Old Growth Forest communities, and Cattaraugus Creek along with its tributaries. The Education Workshop: 6:30 Animal Tracks and Signs Winter is a
our backyards. Children are welcome at this workshop!

Wednesday, February 10

Investigative Post Happy Hour- 7 p.m. at Allen Street Hardware. Panel discussion on Buffalo and WNY's sputtering democracy. Tickets are \$10 for non-members and bronze members, free for silver, gold and platinum members. Purchase [here](#).

Western New York Environmental Alliance Habitat Working Group- 6-8pm at the Buffalo Museum of Science in the Earth Room. Questions-contact Jay Burney at greenwatch100@gmail.com.

Buffalo Ornithological Society Meeting-Buffalo Museum of Science, 1020 Humboldt Pkwy, Buffalo, NY 14211, Jaeger Room at 7:00 PM. Rarity Roundup! A slideshow of photos and stories will be presented by BOS members that will include some of the rarities seen in the BOS study area in 2015! If you have photos and stories of any rarities you saw in 2015, please email photo(s) to Sue Barth at:

The South Town Gardeners Meeting-t 9:30 a.m. at the Burchfield Nature Center, 2001 Union Rd., West Seneca. The program will be growing perennial from seed or cutting. Guest and new members are welcome. For more information, call 668-0209.

Buffalo Astronomical Association Meeting-

Monday, February 15

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

Tuesday, February 16

C- -Hour Lecture Series- Noon-Hour every Tuesday at the Downtown Public Library "Ring Of Knowledge" Area (just past Fable's Cafe). Free to the public. Noon - 12:30 P.M. "IMAGINE the Pursuit of Happiness: ImagineLifelongLearning", "Tocqueville and the American Experiment - Tocqueville's Unanswered Questions", The Great Courses Video #24 by Professor William R. Cook, State University of New York at Geneseo . 12:30 - 1:00 P.M. Speaker - Chuck LaChiusa, Webmaster, BuffaloAH.com, "Public Art in Buffalo".

Winter Scavenger Hunt-10:00 a.m. 11:30 a.m. at DeVeaux Woods State Park. Need a break from February Break? Bring the kids out for a winter scavenger hunt through DeVeaux Woods State Park and discover the signs of still-active nature! Finish the morning with a simple winter craft. ***For information and registration call (716) 282-5154.***

2016 Erosion and Sediment Control Workshop- NYSDEC-endorsed 4-hour GP-0-15-002 Training. Erie County Soil and Water Conservation District and WNY Stormwater Coalition will host for Construction Site Contractors and Operators in Winter 2016 at the Erie County Emergency Services Training Facility in Cheektowaga, New York. 8:30 AM to 1:00 PM Workshop. Cost: \$95.00. **Pre-Registration is required by February 10, 2016.** Attendees must contact Don Stribick to register and for payment instructions: Email: don.stribick@ny.nacdnet.net or Phone: 716-652-8480 ext. 5.

Wednesday, February 17

Winter Nature Play

PUSH Monthly Meeting-3:00 PM. Our monthly meetings are a good place to begin to learn about the work that PUSH Buffalo is doing and how you can get involved. We're meeting at the Grant Street Neighborhood Center, 271 Grant St in Buffalo NY.

Junior Audubon Club: Birding at the Zoo 10am to noon. Join Naturalist Tom Kerr for our monthly Birding Adventure! For this month, we

the care these birds receive. Binoculars are available. Pre-registration is required. Participants will meet at main gate and must purchase Zoo admission. www.buffaloudubon.org

Snow Art: Color and Form -

snow forms inspired by your vivid imagination then add the colors of the rainbow to show just how much fun winter can be. Bring your warm clothes, a few pairs of gloves and an open creative mind. Pre-registration required. Beaver Meadow Audubon Center. \$5. www.buffaloudubon.org

Snowshoeing and Cocoa-10 AM 12:30 PM. For youth and adults. Borrow a pair of our snowshoes and join our naturalists through Delaware Park and finish your trek at the Martin House to enjoy hot cocoa! Afterwards participants have the option of taking a family tour of the beautiful house. FREE for snowshoeing and hot cocoa. Optional Martin House tour \$8 a person. (716) 856-3858 | www.darwinmartinhouse.org

Snowshoe Adventure Hike #2 -10:00am 12:30pm at Chaffee Wildlife Preserve. A challenging snowshoe hike through mature forests with a focus on winter wildlife, tracking skills and general seasonal ecology. Snowshoes provided. Fee: Free for all. Sponsored by Waste Management of Chaffee. <http://earthspiritedu.org/events.html>

Sunday, February 21

Snowshoe & Cross-Country Ski Rental at Reinstein- 1:00-4:30 p.m. Weather permitting, Friends of Reinstein Woods will offer rentals on these dates on a first-come, first-served basis of

C- **-Hour Lecture Series-** Noon-Hour every Tuesday at the Downtown Public Library "Ring Of Knowledge" Area (just past Fable's Cafe). Free to the public. Noon - 12:30 P.M. "Science Wars: What Scientist Know and How They Know It - 17th Century - Galileo, the Catholic Church, and Truth", The Great Courses Video #3 by Professor Steven L. Goldman, Lehigh University. 12:30 - 1:00 P.M. Discussion Co-sponsored by WNY STEM Hub.

Sierra Club Meeting-Join others with the Niagara Sierra Club for their monthly meeting at 7pm at Room 227 Duns SceW* nm0 g0 G{2)-8(2)-8(7)9()(-4(a)8(n)91ra2o, the

Saturday, February 27
DIY Rain Barrels-

Monday, February 29

Clean Air Coalition Member Monday - 4pm - 6pm at Clean Air Headquarters - 52 Linwood Ave. 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.

3rd annual Vegetable Growers Meeting-9am to 12:30pm. This will be held at the Roycroft Print Shop, Auditorium: 21 South Grove Street, East Aurora, NY 14052 (**Location is subject to change, please check the website at erie.cce.cornell.edu or call 716/652-*

February

On February 14th

associated with romantic love in the Middle Ages, later in England it evolved into an occasion when sweethearts expressed their love for each other by presenting flowers, offering chocolates, and sending greeting cards known as

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-

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

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

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

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

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

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

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

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

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

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

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

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

Canning Tips for Food Preservation

New York State Resources

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

Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org

www.buffaloudubon.org

www.buffalogardens.com

www.buffscience.org

www.tift.org

www.buffalozoo.org

www.penndixie.org

Grant Opportunities

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

www.wnygrantmakers.org/

www.grantstation.com

- 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/>

- <http://www.nysawg.org/directory-of-farms.html>

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

NY Agri-women - <http://www.newyorkagriwomen.com/>

Local Meats- <http://meatsuite.com/>

Local Tourism promoting Sustainability

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

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

Niagara Wine Trail -

Bergen Swamp Preservation Society

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

Bless the Beasts Foundation

<http://blessthebeastsinc.webs.com/>

Bond Lake Environmental & Beautification Committee

<http://www.freewebs.com/bondlake/>

Buffalo Architecture Foundation

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

Buffalo Audubon Society/Beaver Meadow Nature Center

www.buffaloudubon.org

Volunteer Day every Wed. 10am-2pm at Beaver Meadow

Environmental Protection Agency
Local Office (716) 551-4410

<http://www2.epa.gov/aboutepa/epa-region-2>

Erie Canal Harbor Development

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

Erie County Community College Going Green

Lake Erie Forum	http://www.lakeerieforum.org/
Lake Erie Seaway Trail Center	http://lakeeriseawaytrail.org/
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Learning Sustainability Campaign	http://www.learningsustainability.com/
Local Initiatives Support Corporation	http://www.buffalolisc.org
Project	http://www.maddieseriecounty.org/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org/centralwestern
Nature Ed-Ventures	www.natureed-ventures.com

People United for Sustainable Housing

<http://www.pushbuffalo.org>

Plant WNY

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

Western New York Science Congress

<http://wnysc.org/>

Western New York Service Learning Coalition

<http://levesqueinstitute.niagara.edu/programs/wnyslc/>