Enviro-News

May, 2020

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

- Articles- including events, courses, local news, grants, jobs
- Upcoming Activities
- Tips for the Environment
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

Articles:

Virtual Fossil ID

Dig up your unidentified fossil specimens and join us at **4 pm on Friday May 1** for a virtual show and tell. Penn Dixie experts will identify your fossils and provide background information about your geological treasures. All ages are welcome and there is no charge to participate. Register here.

How to Engage in Science Policy

Webinar to help individuals learn how to become more involved in science policy at the local and federal levels will be held **May 2** from 1 to 3pm. The Buffalo chapter of 500 Women Scientists is sponsoring the webinar and the keynote speaker is Kelly Single, science and technology policy fellow at the American Association for the Advancement of Science. There will also be a panel discussion on "Lobbying for Science Policy". To register, visit here. For info, email 500wsbuffalo@gmail.com or visit https://500womenscientistsbuffalo.wordpress.com/.

COVID-19: Virtual tours, Volunteering and Outdoor Appreciation

COVID-19 is in all the headlines and limiting lots of Earth month plans. While driving and some energy use has been reduced by the shutdowns, the pandemic is leading to a lot of waste due to our use of disposables. Remember that **latex and other disposable gloves go in the trash – not your recycling container.** This allows us to stay safe and not contaminate our recycling. You can still appreciate nature and do your part to help the environment. Besides real outdoor hikes in our parks and natural areas, you can experience virtual tours and volunteering. While you are out on a walk, take a trash bag and pick up the litter that has been wind-blown over the winter. Our behavior may have changed, but the birds, squirrels and other animals carry on with their usual activities. Take some time to observe them and be grateful for the natural world.

2020 NYS Organics Summit Goes Online!

Join the New York State Organics Summit online! Three sessions have transitioned online as upcoming free webinars on **May 4, 7 and 19th**. Learn more about the virtual NYS Organics Summit and register today!

Remote Green Drinks for May

Want to connect with other environmentally-minded folks. Let's take advantage of technology and do Green Drinks remotely! Join others **Thursday May 14th** via Zoom from 4:30-5:10pm. Bring your own drink to the link: Join Zoom Meeting https://us04web.zoom.us/j/79156066030?pwd=UWZac3B3SndSb0pVWFo0bVNZeHl0dz09,
Meeting ID: 791 5606 6030, Password: greendrink

Master Gardener Online Garden Fence Chats

Get Ready for Spring! Join our Cornell Cooperative Education Erie Master Gardener hotline volunteers as they host virtual hotline hours or 'Garden Fence Chats' **Monday –Friday via Zoom from 10:00 am to noon**. Register here. This will be an opportunity to chat with Master Gardener hotline volunteers real time and share your gardening questions either by phone or the computer. Each day will feature a short 10-15 minute presentation covering a timely topic or frequently asked question and then keep the line open for people to call-in or virtually stop-by with questions. Come hear from your garden friends what is happening in their gardens and what they are learning.

Buffalo Climate Strike Continues Digitally

Buffalo Climate Strike goes digital **every Friday**. Please post pictures, selfies, signs with #DIGITALSTRIKE, #DECLAREACLIMATEEMERGENCY at twitter, Instagram or https://www.facebook.com/events/347347452873023/

Apply for NY Annual Award for Outstanding Sustainable Actions

New York State Department of Environmental Conservation is now accepting applications for the 17th annual Environmental Excellence Awards program which recognizes businesses, institutions, municipalities, and organizations for outstanding commitments to environmental sustainability, social responsibility, and economic viability. To date, New York has honored 96 entities that are leading by example and inspiring their industries and communities. Completed applications must be submitted by **Friday, May 15, 2020**.

Share Your Views on the Statewide Greenways Plan

Parks & Trails New York and NYS Parks, Recreation and Historic Preservation are creating the state's first dedicated Statewide Greenways Plan. Your input is critical. Take a few minutes today to fill out this survey and let us know more about you and what makes you love your favorite greenway trail.

GoBike Community Workshop Open and Accepting Bike Donations

The Community Workshop of GoBike offers online refurbished bike sales and contactless repair appointments. GObike is offering a **30% discount for bicycle repair for all essential workers.** Please contact stacy@gobikebuffalo.org for a coupon code. We are still accepting bike and parts donations. Please leave donations at the shop as directed by the signage. The staff is at the workshop Monday through Friday. Please contact them if you need a tax receipt or to let us say thanks. The workshop, located at 98 Colvin Avenue, has been an education and support space for our community for more than 10 years. They've launched BikeMatchGOBFLO, a bike-matching service connecting people in need of a bike with unwanted or extra bikes in the community. If you, a family member, or a neighbor needs a bicycle to fulfill essential duties, please fill out the brief form

Stewardship Appreciation Awards

The New York State Department of Environmental Conservation (DEC) is now accepting nominations for the inaugural 2020 Stewardship Appreciation Awards. Not-for-profit organizations, individuals, educational institutions, and municipalities with formal agreements with DEC are eligible to apply. Nominees must be in good standing with DEC and New York State Environmental Conservation Law for the past three years. Nominees must have one of the following formal agreements with DEC: An active Volunteer Stewardship Agreement (VSA); A current Memorandum of Understanding; A current Use and Occupancy Agreement; or Proof of organized volunteer activities on State lands. DEC encourages those who meet the eligibility requirements and are committed to improving lands, waters, and facilities including, but not limited to, forest preserves, state forests, conservation easements, wildlife management areas, and environmental education centers to submit a nomination. Completed nominations for the 2020 awards must be submitted by **May 30.**

Invasive Species Awareness Week: June 7-13

Our partners are encouraged to plan virtual experiences and events that incorporate social distancing guidelines and give New Yorkers the opportunity to participate in Invasive Species Awareness Week from the safety of their homes. For resources and guidance on how to host a virtual event, check out the Virtual and Remote Event Ideas for ISAW 2020 page. WNYPrism asks that you send event information about local events to Emily Thiel at thieles@buffalostate.edu by **Monday, May 25**, to ensure they can be added to the statewide list.

Taste of the Southtowns to Benefit Gooseneck Hill Waterfowl Farm

Taste of the Southtowns will be held on **Sunday June 14th** from 12:00-5 pm INSIDE St. Aloysius Hall, 190 Franklin St., Springville. Proceeds benefit Gooseneck Hill Waterfowl Sanctuary, a 501c3 organization, the2 largest covered aviaries in the US with over 78 different species and 700 endangered and protected ducks, geese and swans. You will be able to taste the food from 7 Restaurants and they will be serving 45 different food items including: Wings, Ribs, Beef on Weck, Pulled Pork, Tacos, Soups, Shrimp, Scallops, Stuffed Peppers, Meatballs, Beef Brisket, Cheesecake, and many more. Food Items from $2.00 to $5.00. Dining tables are available while you can enjoy wonderful Country Music by: "The Rustic Ramblers" with Gene Hilts on steel guitar. the best country band in the area. Get a Massage by Eric Davis for $1/minute. Free Admission with $10 purchase of Chinese auction or food tickets. For info call 716-942-6835, rosebird@frontiernet.net, www.gooseneckhillwaterfowlfarm.com.

2020 Erie County Household Hazardous Waste Collections

Events will be offered in 2020 beginning with the next event currently scheduled for **June 27** (Northtowns), though cancellations may be necessary. Residents will be required to pre-register to attend a collection event to receive a time block and location. **Pre-registration** can be made beginning **one month prior to each event,** on-line or by phone at 858-6800. Visit erie.gov/recycling for further 2020 information.

Xerces Sponsors Insect Webinars

Xerces Society, focused on the conservation of invertebrates , has scheduled a number of webinars in **May**, including talks on fireflies, bumble bees, and ground-nesting bees. You can search their event listings by category or click here to view all upcoming gatherings.

SkyRide Registration Open

Early-bird registration for SkyRide 2020 is open! Scheduled for **Sunday. August 9, 2020**, GObike Buffalo's annual event and fundraiser, offers thousands of cyclists a one-day opportunity to access our legacy highway infrastructure. We offer multiple routes to allow cyclists of all ages and abilities to participate. Register here.

DEC Exams Rescheduled for Falconry, Wildlife Rehabilitator, and Leashed Tracking Dog Licenses

DEC examinations for individuals seeking a license to practice the sport of falconry, become a volunteer wildlife rehabilitator, or use leashed tracking dogs to find wounded or injured big game animals have been rescheduled for **Friday, August 14.** The exams will run from 10 a.m. to noon at most DEC Regional Offices across the state. Exam registration forms are available on DEC's website.

Aquarium of Niagara Celebrates Hatching

The Aquarium of Niagara has announced the hatching of two Humboldt penguin chicks, the first penguin chicks in their penguin habitat opened in 2018. The penguin colony at the aquarium has 14 adults. There are additional eggs being incubated by other pairs, so we can hope for more new additions.

Rust Belt Harvest

Rust Belt Harvest is an organization that harvests and distributes surplus urban fruit and vegetables in Buffalo, NY. We believe that resilience begins with community. That's why we organize community harvests, where trees are harvested seasonally by volunteers. The fruits and vegetables that would otherwise go to waste, are distributed to food banks, shelters and soup kitchens in Erie County. How it works: homeowners with abundant fruit trees and people who want to help harvest register on our website. We help coordinate the harvest events. 1/3 of the fruit is donated to food banks, 1/3 is enjoyed by the volunteer harvesters and 1/3 goes to the homeowner. If you're interested in volunteering, donating a crop (homeowners and farmers) or supporting Rust Belt Harvest, please email info@rustbeltharvest.org or visit www.rustbeltharvest.org.

Genesee River Angler Diarists Needed!

Your fishing observations can help shape future fisheries management actions. DEC is seeking angler observations as it begins its angler diary program on the Genesee River in Allegany and Wyoming counties. The diarist program aims to record data for trout and bass fishing trips on the Genesee River from the Pennsylvania line downstream through Letchworth State Park between **March 1 and October 31, 2020**. Anglers who fish the Genesee River (even once) and would like to contribute observations by keeping a fishing diary for DEC can contact DEC's Region 9 Fisheries office at (716) 379-6379 or by email at fwfish9@dec.ny.gov.

2020 WNY Sustainable Business Summit

The annual summit has been rescheduled to **September 23** at Templeton Landing, Buffalo. Registration and program info is available. The event is a great opportunity to meet up with peers, engage with national sustainability leaders, and get inspired. We are building on last year's success when we brought together over 200 professionals representing over 90 businesses across WNY and South Ontario. We can guarantee you an action- packed day with thought provoking keynote panels, interactive breakout sessions, networking events, as well as a Recognition Program Award Ceremony.

Slow Roll Introduces Social Distance Rides

While community events like Slow Roll Buffalo are currently suspended due to the state of emergency over the spread of COVID-19, yet parks are open to enjoy outdoor activity at safe social distance, Slow Roll is helping fill the void in communal gathering by posting the routes of our 2016 rides from five Buffalo parks and encouraging the public to ride individually for the benefit of our collective mental and physical health. The five public parks are part of the Buffalo Olmsted Parks system - Cazenovia, Delaware, Front, MLK and Riverside. Route maps are online.

Global Justice Ecology Project Volunteers Needed: Work from Home

The Global Justice Ecology Project needs a volunteer or two to help with some web-based research that will support their campaign to protect forests and communities from the dangers of genetically engineered trees. The work can be done from home and the organization will help you get started. For more info, contact Theresa Church at 716-931-5833 or theresa2@globaljusticeecology.org.

Coloring Map

Many Western New Yorkers are spending time, safe at home, due to the COVID-19 outbreak and a University at Buffalo professor is providing a way to help pass the time. Dr. Monica Stephens, an assistant professor in the department of Geography at the University at Buffalo, has created a free printable interactive map of Buffalo that allows you to color your neighborhood, or all of Buffalo! You can find the "Color Buffalo" map here.

Sixteenth Annual Symposium on Energy in the 21st Century

"On the Road to 100% Renewable Energy: Challenges and Opportunities" is the theme for this year's Symposium on Energy. It has been rescheduled for **October 26, 2020**. Register **Here.** For the speakers, visit http://energy21symposium.org/.

Canalway Challenge: How Many Miles Will You Track in 2020?

The **Canalway Challenge** officially launches in May with a new slate of activities and giveaways, but you can start tracking miles any time. Especially during this time when so many things are closed, the **Canalway Trail remains open** and presents a healthy option for getting fresh air and exercise. Sign up anytime or use your existing log in link to create a new challenge for 2020 or to add miles to an unfinished Challenge.

New York State Green Building Conference

Experience the NYS Green Building Conference which has been rescheduled for **October 29 & 30, 2020** at the historic Marriott Syracuse Downtown, formerly Hotel Syracuse, and enjoy this newly renovated hotel with convenient features and a contemporary feel. For info and lodging, visit https://www.esf.edu/greenbuilding/.

Solar panel Driveways Made from Recycled Plastic Bottles

Platio Solar, a company that has been dedicated to developing new ways to implement solar technology in urban set-ups since last five years, just came up with solar panel driveways that have been made from recycled plastic bottles. Perhaps your driveway can help power your electric car in the future. Read More

Invasive Red Lily Leaf Beetles Visible

The invasive red lily leaf beetle targets leaves of lily plants as they break the ground. Our daylilies are not impacted, but other lily leaves and flower buds are devoured by the adults and larvae. The adult is large enough to see it, with bright red with black legs. The adults move quickly, but can be removed by hand. For tips on recognizing it and dealing with the pest, visit https://www.gardeners.com/how-to/lily-beetle/8090.html.

Bike-Friendly Business Certification

Bike Friendly New York (BFNY) is a certification program that recognizes businesses and establishments that accommodate bicycles and the people that ride them. To get certified, review requirements at www.ptny.org/bikefriendly , fulfill required criteria, and apply for review. Certified businesses can promote on their website and display on windows and other promotional materials.

Climate Change Research-A-thon: Community Groups and Faculty Invited to Participate

Climate Change Research-A-Thon is an initiative organized by Dr. Stephen Vermette through the Department of Geography & Planning at SUNY Buffalo State. The objective is to empower college students with interests in the environment, planning, sociology, economics, and law, among other disciplines, to brainstorm ways that WNY can address local climate change issues. Instructors of college courses are invited to incorporate this initiative within an existing course or to organize a student team, involving either a student club or a team organized specifically for the Research-A-Thon to tackle a specific question of their choosing from questions developed by local community groups or institutions. The involvement can be any length of time – working through an entire semester, a class assignment, or a one-day activity. The goal is to launch during the Fall 2020 and Spring 2021 semesters to accommodate scheduled courses. The outcomes of the Research-A-Thon − student products – will be presented on a web site. The web site will also include an edited summary of each effort. We anticipate presenting the student findings to the WNY community. If you are: an instructor willing to incorporate this initiative within a course (or to organize a student team/club) or a community group willing to provide a specific question in the future, please contact Dr. Stephen Vermette at vermetsj@buffalostate.edu. I will keep interested parties up to date on the Climate Change Research-A-Thon. Thank you for your participation in this timely initiative.

Buffalo Food Waste Diversion is Available Year-Round

The City has tested and is launching year-round collection of food waste in an outdoor collection bin at Elmwood Avenue and Bidwell Parkway. Food scraps will be transported by Natural Upcycling to Buffalo River Compost. Since June 2019, over 1000 people have participated in the "Scrap it" program with six summer locations available for drop-off. Acceptable materials are fruits and vegetable scraps, coffee grounds and filters, egg shells, tea bags and nuts. For more info, visit www.buffalorecycles.org.

Buffalo Audubon Names New Executive Director

The Buffalo Audubon Society announced that Edward Sirianno has been named Executive Director of the 100+ year-old organization and has begun his position since early April. Established in 1909, the Buffalo Audubon Society is dedicated to the promotion, appreciation and enjoyment of the natural world through education and stewardship. A regional, independent organization and chapter affiliate of the National Audubon Society, Buffalo Audubon currently stewards over seven preserves including 1,000 acres of land throughout Western New York. Its headquarters are located at Beaver Meadow Audubon Center in Wyoming County.

Why did the Frog Cross the Road?

Be on the lookout for amphibians crossing the road. With the arrival of spring temperatures, amphibians have begun their annual migrations to woodland pools to breed. In New York, this migration usually occurs on rainy nights in late March and early April, when the night air temperature is above 40F. When these conditions exist there can be explosive, "big night" migrations, with hundreds of amphibians on the move. Volunteers can help document these locations and help amphibians like wood frogs, spotted salamanders, American toads, or spring peepers safely cross the road. Drivers on New York roads are encouraged to proceed with caution or avoid travel on the first warm, rainy evenings of the season. Amphibians come out after nightfall and are slow moving; mortality can be high even on low-traffic roads.

Paws in the Parks

Join us as we celebrate all animals at the 2020 Paws in the Park fundraiser on **September 26** at Beaver Island State Park! Paws in the Park is the SPCA Erie County's largest event and helps to fund all lifesaving work that happens at the SPCA. With your help and support we can continue our mission of creating a more humane community through education; rescuing, protecting, and enhancing the lives of animals; and nurturing the bond between animals and people. Register at http://specialevents.yourspca.org/site/TR?fr_id=1090&pg=entry

Safe Lanes Bike Lane Reporting Platform

Did you know that you can make roads safer by bikers by reporting obstacles? See a bike lane blocked by a car, delivery truck, police officer, etc.? Report it using Safe Lanes.

Buffalo Bike Tours: Bike There Self-guided Rides

Buffalo Bike Tours is launching **Bike There!**, a series of self-guided bike rides of Buffalo, to keep you active in the Covid-19 crisis. This content is available to everyone free of charge during these challenging times, to promote exercise, celebrating our great city, and instilling social distancing. DOWNLOAD SELF GUIDED TOURS HERE.

The Foundry Offers Hands-on Classes: Build your own Furnishings

Want a new skill? The Foundry, 298 Northampton St. in Buffalo, offers artisan classes including glass blowing, leatherworking, upholstery and woodworking. To check out the full list of classes, click here.

Solar-Powered Heritage Carousel Opening Planned for 2020

A solar-powered historic carousel is planned for Canalside in 2020. The Buffalo Heritage Carousel, Inc. is currently restoring the 1924 Spillman carousel which features 34 hand carved and painted animals and 3 chariots, with most currently needing restoration. Consider adopting one of the animals or contributing to the efforts of the project as they still need donations to meet their goals. The groundbreaking for the building occurred in October and construction will take place over the next eight months. For info, visit http://buffaloheritagecarousel.org/

No More Flat Tires

Goodyear introduced its latest "stretch concept" tire, the ReCharge, which theoretically never needs replacing or even rotating because it can replace worn treads from the inside. ReCharge tires extrude a high-tech compound of renewable materials including dandelion rubber and synthetic spider silk. The mixture is fed through a series of fine pipes out to the surface of the wheel where they dry, cure and set into brand new treads. These are a more environmentally responsible alternative to today's standard tire composition, which requires the addition of either carbon black or silica to reinforce the structural capabilities of petroleum rubber. In this case, the synthetic spider silk can help augment the natural properties of dandelion rubber to reduce wear and extend the functional life of the tire. Instead of relying on air pressure, the replacement tread solution would be stored in replaceable canisters within the wheel hub. More info.

Guide to Talking about Climate Change with Kids

"Beginning the Climate Conversation: A Family's Guide" will help you talk to your kids about the climate crisis by providing tips on how to start the conversation, deciding on age-specific information and moving the conversation from dangers to solutions. Download the free guide at link.

Report *Cladophora* on Shorelines

Help us understand and monitor *Cladophora*, a non-harmful green alga, by reporting observations along Lake Erie, Lake Ontario, Niagara River and St. Lawrence River Shorelines. Cladophora is a type of stringy (filamentous) algae that grows on rocks, wood, logs, and other hard underwater surfaces in freshwater ecosystems, including the Great Lakes basin. For pictures, visit http://www.dec.ny.gov/chemical/81962.html. If you spot this type of stringy algae along New York's Great Lakes shorelines, DEC wants to know. Please use fillable PDF and e-mail to GLCladophora@dec.ny.gov.

Reuse Action in Action: Source for Reusable Materials

Reuse Action helps deconstruct buildings to return building materials to the supply chain. Check out the video here for their recent work. The store will also take your used furniture, cabinetry or building supplies. Don't send them to the landfill, donate them to Reuse Action. Check out their website at www.reuseaction.com, call the store at 716-894-3366, or stop by 980 Northampton Street. Profits from sales put people to work!

Food Composting and Waste Resources

A recent Food Donation & Food Scraps Recycling Law meeting at the University at Buffalo addressed a number of community questions. The law, which goes into effect in 2022, only applies to certain large volume food scrap generators. Resources provided at the meeting are available using this link.

Brush Burning Not Allowed

DEC reminds residents that **residential brush burning is prohibited March 16 through May 14** across New York State. DEC posts a fire danger rating map and forecast daily during fire season on its website and on the NY Fishing, Hunting & Wildlife App available on DEC's website. Violators of the state's open burning regulation are subject to both criminal and civil enforcement actions, with a minimum fine of $500 for a first offense. To report environmental law violations call, **1-800-TIPP DEC (1-800-847-7332)**, or report online on DEC's website.

Current NY Environmental Bills List

Every week during the New York State Legislative Session, Environmental Advocates of New York reviews all of the bills introduced in legislative committees or on the floor of the State Senate and the Assembly. They then issue a memo that summarizes the legislation and describes our position on measures with significant environmental impact. If you would like to sign up for this listing, you can see the status of New York State legislation and can take action on those that are important to you. http://eany.org/our-work/bill-ratings

Our Farms, Our Future Podcast Series: Voices in Sustainable Agriculture

From coast to coast, a diverse community of farmers, ranchers, scientists and educators is working to shape a sustainable future for our food system. Listen to the new *Our Farms, Our Future* podcast series and join this community for intimate conversations about the state of agriculture, how we got here and where we're headed.

Bee Better Certified: A Farmer's Guide

Bee Better Certified™ is the gold standard of pollinator-focused farm certification programs. Developed by the Xerces Society, the world's largest science-based pollinator conservation organization, Bee Better Certified builds upon nearly two decades of on-farm habitat research and development. Certification is available to all producers of fruit, vegetable, and commodity crops. Once certified, products can display the Bee Better Certified seal, providing premium accreditation for their work to support pollinator conservation. This brochure offers an overview of the program, certification standards, and the certification process. If you would like further information, please see beebettercertified.org, or contact us at (503) 232-6639 or info@beebettercertified.org.

Business Membership Program to Encourage Greener Commuting

Go Buffalo Niagara, a Transportation Management Association serving Erie and Niagara Counties, has launched a business membership program which encourages people to commute without a car. Once a business is signed up, its employees who choose to walk, carpool, bike, or take public transit to work will have access to myriad alternative transportation incentives, such as: discounted transit passes and preferred parking for carpools, guaranteed ride home which provides those who don't drive alone with a free ride home in case of emergencies, discounted memberships to GObike Buffalo and Reddy Bikeshare and monthly raffles for commuters who log their commute trips.

Municipality Rebates for Zero-emission Vehicles and Grants for ZEV Infrastructure

The 2019 round of DEC's municipal ZEV program is now open. Full details may be found in the Request for Applications (RFA) at http://www.dec.ny.gov/energy/109181.html . A total of $500,000 will be distributed in this round on a first-come, first-served basis for clean vehicle rebates which include plug-in hybrid, all-electric, and hydrogen fuel cell vehicles. Applications for the Municipal Clean Vehicle Rebate Program on a rolling basis through 4:00 pm on July 24, 2020 or until funding is exhausted. A total of $2,500,000 in grants will be distributed for infrastructure to municipalities that installed (or will install) hydrogen filling station components or electric vehicle supply equipment (EVSE) that is Level 2 or direct current fast charge (DCFC). DEC is accepting applications for the Municipal ZEV Infrastructure Grant Program on a rolling basis through 4:00 pm on **May 29, 2020** or until funding is exhausted, whichever occurs first.

Free Hard Drive Recycling

Western Digital is offering free hard drive recycling through their US electronic waste recycling program. You can safely dispose of your old internal and external **HDDs and SSDs**, from any manufacturer with the data securely destroyed. For more info, visit https://shop.westerndigital.com/campaign/landing/easy-recycle

Participate in the WNY Regional Freight Plan Survey

WSP USA Inc. is consulting with the GBNRTC to develop an update to the WNY Regional Freight Plan. This freight plan will help identify opportunities for growth in the freight and logistics industry in WNY and Southern Ontario as well as prioritize needed transportation and infrastructure projects to facilitate this growth. To gather as much input into the freight plan as possible, WSP has developed a brief 10-question survey at the below link and are asking freight stakeholders across WNY to participate. If you are a freight carrier, shipper or involved in manufacturing, industrial development, transportation or education, please complete the survey.

2020 ReLeaf Conference

The 2020 ReLeaf Conference will take place **July 23-July 25** at Canisius College in Buffalo, NY. One of the plenary speakers is a well-known research team, David Nowak and Eric Greenfield, who will speak about their ongoing work for i-Tree on the health benefits of trees. They will also lead a hands-on i-Tree training session

Nonprofit Funding for Green Energy

Sun Club is accepting grant applications from nonprofits that need green funding and clean energy expertise. By funding sustainable solutions for nonprofits, Sun Club helps them continue their mission while contributing to a cleaner environment.

Personal Plastics Calculator

Environmental footprint calculators have been used for a number of years as a measure of personal impact. Now there is a calculator that allows you to assess your plastic usage in a week or year. While we may not have substitutes for all of the items, the first step in reduction is awareness. Check out the calculator at plastic footprint.

NYSERDA Farm Energy Audits

NYSERDA offers free energy audits to identify energy efficiency measures for eligible farms and on-farm producers, including but not limited to: dairies, orchards, greenhouses, vegetable growers, vineyards, grain dryers, and poultry/egg. Farms must be customers of a New York State investor-owned utility and contribute to the System Benefits Charge (SBC). Please check your farm's current electricity bills to determine if you pay SBC. Farms can request an energy audit through the Agriculture Energy Audit Program.

Moving Forward: A Guide for Health Professionals to Build Momentum on Climate Action

Health professionals have an important role as trusted messengers to engage their patients, peers, community, and policymakers on equitable climate solutions. Climate for Health's latest guide, ***Moving Forward: A Guide for Health Professionals to Build Momentum on Climate Action***, provides you with guidance and tools to reduce energy use, to build resilient clinics and health departments, and advocate for climate solutions that prioritize health and equity. Implement the tools and recommendations in this guide to become a part of the movement to heal the world and protect future generations.

Museum of the Earth's Bees! Exhibit is Now Online

The current special exhibit at the Museum of the Earth in Ithaca, New York, is "Bees! Diversity, Evolution, Conservation", and while the Museum has made the decision to keep the physical building closed until further notice, they are pleased to announce that an engaging and informative online version of the exhibit is now available at https://www.museumoftheearth.org/bees/

This online version of the exhibit takes you through the fascinating world of bees and reveals amazing facts and new insights into an insect which is vital to the cultivation of the food we eat. Discover the diversity of the over 20,000 species of bees from all over the world. Learn about their co-evolution with the flowers they pollinate. Explore bee biology and behaviors. Find out what threats bees currently face, and what you can do to help.

New Resources Available to Reduce Hazardous Waste & Save Money

DEC has developed a resource guide for hazardous waste generators to reduce waste and save money. Resources include archived webinars presented by the New York State Pollution Prevention Institute (NYSP2I) on topics such as How Your Facility Can Reduce Hazardous Waste and Save Money and Best Practices for Sustainable Manufacturing. http://www.dec.ny.gov/chemical/110901.html.

Birds Tell Us it is Time to Take Action on Climate Change

If an ecosystem is broken for birds, it is impacting us too. Audubon Society has released their Survival by Degrees: 389 Bird Species on the Brink**,** which is a ground-breaking report that forecasts the impact that climate change will have on North American birds.

Save and Share Seeds for Conservation

When you save, grow, and share rare seeds you are helping to build a more secure food future. Visit https://www.globalseednetwork.org/ to learn to successfully collect, save, and store seeds. You can preserve plant diversity and protect our public food system from corporate consolidation by saving, posting, and sharing seeds with a global community of farmers and gardeners.

Volunteer Opportunities, Western New York Land Conservancy

Each year the Land Conservancy hosts events and nature hikes. We clear trails, pull invasive plants, and monitor our properties. But in these trying times, when many people are searching for a way to get outdoors while remaining safe and healthy, we've created new opportunities for you—including becoming a citizen scientist! If you're interested in joining as a volunteer, see the Land Conservancy's website.

Erie County Launches Farmer-Customer Website

With concern over reducing agricultural waste, Erie County is launching Erie Grown, which will help residents get in touch with local farms to buy products. The website will have an interactive map and will also show farmers markets, U-pick farms, nurseries, wineries and others. Farmers can get added to the map by visiting www.erie.gov/enrolleriegrown. The site is www.erie.gov/eriegrown.

Reduce Your School's Food Waste with New Toolkit

In celebration of Earth Day, The Center for Green schools released the *Sharing the Table: A Roadmap to Reducing and Recovering Surplus Food in Schools*, a toolkit to help school stakeholders create and implement programs to reduce and recover surplus food. **Download the toolkit today.** The creation of this Roadmap seeks to lower the barriers for school districts interested in reducing and recovering their surplus food in the hope of strengthening connections to their community and seeing a dramatic reduction of food waste.

EPA Food Opportunities Map

EPA's Excess Food Opportunities Map, first released in 2018, identifies and displays facility-specific information for over one million potential generators and recipients of excess food in the industrial, commercial and institutional sectors and also provides estimates of excess food for each generator. The map can be used to inform waste management and food recovery decisions at the local level as well as to identify potential sources of organic feedstocks, infrastructure gaps and alternatives to landfilling. The map may help businesses and organizations identify opportunities for new partnerships to help address changes in the food supply chain. For example, the map could be used to find potential food service or educational institution partners that may have available kitchens that could be used to store or preserve excess food or transform it into prepared meals, or to find businesses, such as caterers, that may have available refrigerated trucks to help transport excess food for food banks. EPA will continue to update the map so that it is a useful resource allowing businesses, organizations, and governments to make connections and find opportunities to make the best use of their excess food. Find out more about the map and this recent update here.

Understanding Your Carbon Footprint: A How-to Guide for Businesses

What is your carbon footprint? It is a measure of your climate impact. Almost every activity in your day-to-day life causes greenhouse gas emissions. These emissions can be quite obvious, like when you drive a car, or less clear, like those produced to provide a financial service. This informative resource provides a guide for businesses to better understand and develop a strategy for improving their environmental impact.

New Greenhouse Manual: Guide for Educators

The National Center for Appropriate Technology (NCAT), the United States Botanic Garden (USBG), and City Blossoms are proud to release their new "Greenhouse Manual: An Introductory Guide for Educators." The manual is an easy-to-use guide designed to help educators with access to educational greenhouses. Whether planting gardens, growing for Farm to School programs, or integrating plant science into an existing curriculum, this manual has answers that educators need. The greenhouse manual can be downloaded for free here.

Free Professional Development for Teachers

Projects WET and WILD have partnered with National Wildlife Federation (NWF) to provide a free online professional development opportunity for teachers and educators. Visit Project WET's Home and Distance Learning webpage to register. This self-paced training includes information on climate, global warming, biodiversity and more. After completing the course, participants will have access to two activities each from WET and WILD as well as Earth Day resources from NWF. This opportunity is available, for free, through June 2020.

NYS honors the federal Fourth Grade *Every Kid in a Park* Pass?

New York State Parks will accept the National Park Service's Every-Kid-in-a-Park pass upon presentation for free entry into all State Parks and for tours at Historic Sites. For more information on activities 4th graders can do at NY State Parks & Historic Sites with this pass, and how to receive it, visit the Connect Kids page.

Teachers: Get Your Free Climate Superstars Educator Guide!

Are your students Climate Superstars? Then put their skills to the test by signing up for the Climate Superstars Challenge! This 10-day online environmental challenge for grades 6-8 is designed to get kids excited about environmental education and teaches them the value of collaboration. By completing daily tasks related to climate change and energy consumption, your classroom will have the chance to **win a Samsung Flip 2—a 4K UHD digital flipchart!** This year's challenge will take place **October 19-30**, but in honor of EE Week, we're releasing a **Climate Superstars Educator Guide** in May with background information on tasks, suggestions on how to include tasks into lesson plans, and tools to explore topics further. Visit NEEFusa.org/ClimateSuperstars to register for the challenge and receive your free educator guide when it is released.

Teacher's and Home-Schooling Resources

H.O.M.E.School Activities are available from the Alliance for the Great Lakes,

Great Lakes Ecosystem Education Exchange for more information on Great Lakes issues, lesson plans, and organizations in your area to connect with.

Caregiver Resources While at Home: Surviving at Home with Youth. This page has DEC-created lesson plans, DEC YouTube links, Tips to Help Caregivers Transition to Remote Learning, Professional Development Opportunities for Educators, loads of online resources from places around the state and the world (NY Botanical Garden, National Wildlife Federation, American Museum of Natural History, the Wild Center, Cornell Lab of Ornithology, and WXXI, Greater Rochester's PBS channel). There are two databases of community science projects and what community science is, along with a long list of live animal cams to visit and Zoos and Centers offering Facebook content weekly or daily. Then, head over to DEC's Quick Family Activities for ideas that can be done indoors or outside.

Green Chemistry Resources-teach students about chemistry and sustainability away from the lab.

iBiome-Environmental Education game-based learning.

Plastic-Free Future toolkit for Teachers and Parents

Young Voices for the Planet Civic Engagement and Curriculum- inspirational stories into classrooms across all grades and subject areas. Ideal for ELA, Science, Social Studies and Civics classrooms with lessons available for 3-5, 6-8 and 9-12.

"Bee-ing There for Bees," chapter 6 from *It's Still Debatable! Using Socioscientific Issues to Develop Scientific Literacy*. Students will engage with literature about bees before investigating honeybee behavior and then working together on an engineering design challenge. As they construct a bee hotel for mason bees, students plan out ways to help their community learn more about the importance of bees and other pollinators and factors that impact their habitats.

Carbon Sequestration in Campus trees-In this activity, students use a spreadsheet to calculate the net carbon sequestration in a set of trees; they will utilize an allometric approach based upon parameters measured on the individual trees. They determine the species of trees in the set, measure trunk diameter at a particular height, and use the spreadsheet to calculate carbon content of the tree using forestry research data.

The National Wildlife Federation's Lesson Plans and Webinars

Audubon Adventures for Grades 3-6

Free environmental education resources for Earth Day to help you organize your own environmental teach-in in your community!

Sea Bear: A Journey for Survival-The purposes of this S.T.E.A.M. based mobile project are to learn about the Arctic, practice research skills, build scientific communication skills, use fine motor skills, and encourage science, ocean and climate literacy.

Interactive Website on Marine Life-keep scrolling down until you hit the ocean floor to see/sea what lives at various ocean depths

Climate of Change: Interactions and Feedbacks of Water, Air and Ice-This module has a **positive focus on adaptations to climate change**. Activities provide students opportunities to think locally, regionally, and globally. They drive thinking about climate change and social vulnerability. This leads to better informed citizens, empowered to make more responsible decisions.

The Nature of Teaching includes formal standards-based curricula and informal activity-based curricula all centered around getting youth outside. The three program areas of the formal curricula include: Wildlife, Health and Wellness, and Food Waste. Each program area provides standards-based lesson plans free as a downloadable PDF. Lesson plans are classroom ready for grades K-12.

Go Bats for Bats with Project Learning Tree

Marine Activities, Resources & Education-Tap into your students' natural curiosity about the ocean to teach important science concepts while addressing Next Generation Science Standards!

Exploring Sustainability in the Classroom-will make your safari toward a sustainable school and world an enjoyable journey.

Living Landscapes – Culture, Climate Science and Education is a diverse collection of online resources and instructional materials for high school and college. What makes it unique is the perspective of native nations that is woven throughout and the blend of traditional indigenous knowledge and current climate science research that permeates the materials.

H2O for Life provides a service-learning opportunity for schools in the United States that helps teachers and students raise awareness about the global water crisis while taking action to provide funds for a water, sanitation, and hygiene education project for a partner school in the developing world.

Reading Guide to Support Climate Education will help you bring climate change books to your English/Language Arts classes, book clubs, science classes, and beyond. Climate change fiction and non-fiction books are included, along with book summaries, reading levels, discussion questions, and relevant news articles to bring the content to life.

Plastic pollution and Cleanup- This guide has been specifically designed to help anyone plan and host a successful and impactful cleanup event. Whether you are a youth or an adult, if you live near a beach, river, or lake, everyone has the ability to make a change. Every ounce of single use plastic prevention helps; even removing one piece of plastic from the ocean could save the life of an animal.

E-STEM activity with Bird Nests-summary of an activity learning about bird nests and building them with different materials.

NOAA's Data in the Classroom- students use real-time ocean data to explore today's most pressing environmental issues, and develop problem-solving skills employed by scientists. Access online and classroom-ready curriculum activities with a scaled approach to learning and easy-to-use data exploration tools.

Climate Education Week: This Toolkit is a web-based, cross-disciplinary resource that includes a range of lesson plans and educational activities focused on the issue of Biodiversity. Teachers can utilize any or all activities from this Toolkit during Climate Education Week or anytime during the academic year!

Animal Migration- This activity guide is full of fun ways to learn about animal migrations in the US. Designed for elementary age kids, it can be used in a classroom as a worksheet or at home for some easy activity ideas.

Racing Extinction-Curriculum on endangered species.

Y-PLAN (Youth – Plan, Learn, Act, Now) is a unique, award-winning educational strategy that empowers young people to tackle real-world problems in their communities through project-based civic learning experiences. If you're an educator or civic leader outside of where we are currently working, we provide a free toolkit to do a "Do-It-Yourself" Y-PLAN.

Contests and Awards

Conservation X Labs is seeking bold ideas for technology solutions to conservation challenges. Aimed specifically at projects teams that are considering their first prototype, the Con X Tech Prize is granting 20 prototyping awards of $3,500 each to take your idea from blueprint to reality. Deadline: **May 4.**

STEM for Changemaking Challenge - Changemakers ages 14-18 in the USA working on issues of sustainability can now apply to Ashoka and GM's Our Planet. Our Purpose Challenge. 25 projects will each receive $1,000 seed funding and an all-expenses-paid trip to the Changemaker Summit. Deadline: **May 14**

2020 New York Recycles! Poster Contest-**Attention All New York State Teachers and Students!** We are once again inviting all New York State public and private school children and youth organizations to showcase their artistic talent and their commitment to the environment. This poster contest helps us to achieve our goal of higher excellence in waste reduction, recycling, composting, and buying recycled products and packaging. The winners receive the honor of having their artwork showcased in the 2021 NY Recycles! calendar, which will be distributed throughout the State. Creating a New York Recycles! Poster is a great way to celebrate Earth Day on April 22nd. Deadline: **May 29.**

2020 Ocean Awareness Contest -Students (11 to 18) are invited to create visual art (any medium), poetry, prose, music, film, or interactive and multimedia that explores the climate crisis, its impact on oceans, and the role of hope in creating transformation at local, national, or global scales. Students can submit as individuals or as a class, group, or club. Free to enter. Deadline: **June 15, 2020**.

Grant and Scholarship Opportunities

WE ACT for Environmental Justice (WE ACT) Grants- New York State Department of Environmental Conservation (DEC) to help build administrative, technical, and programmatic capacity of grassroots and community-based organizations working to achieve environmental justice and sustainability in low-income communities, communities of color, or underserved communities across the state. This will be done through a capacity-building grant program, in which WE ACT will award 18 grants – $50,000 each, for a total of $900,000 – to eligible groups throughout New York State's nine DEC regions. Deadline extended: **April 30.**

Phase 1 applications for the FY2020 Workforce Development Initiative (WDI)- job training projects. Awarded projects will support strategic regional efforts that meet businesses' short-term workforce needs, long-term industry needs, improve regional talent pipelines, enhance the flexibility and adaptability of local workforce entities, and expand workplace learning opportunities. Deadline: **April 30, 2020.**

Patagonia Environmental Grants- We are most interested in making grants to organizations that identify and work on the root causes of problems and that approach issues with a commitment to long-term change. Because we believe that the most direct path to real change is through building grassroots momentum, our funding focuses on organizations that create a strong base of citizen support. Deadlines: **April 30 and August 31.**

Eat the Change Impact- supporting nonprofit leaders who work to raise awareness about climate-friendly diets. Expects to award eight grants of $20,000 each to national organizations focused on educating consumers about the link between diet and climate impact, and 15 to 20 grants ranging from $5,000 to $10,000 to local organizations focused on educating and mobilizing consumers to adopt more planet-friendly diets. All applicants must be 501(c)(3) nonprofit organizations. Deadlines: **May 15, 2020.**

Air & Waste Management Association - Niagara Frontier Section (A&WMA-NFS) college scholarship. College students with environmental interests. Deadline: **May 15**.

NYS Pollution Prevention Institute Community Grants-for pollution prevention outreach and education projects. Eligible applicants are able to receive up to $20,000 to fund their project. Deadline: **May 29**.

US Forest Service Great Lakes Restoration Initiative Funding- funds for tree planting and forest health improvement in the Great Lakes Basin through the GLRI. This funding will be awarded to the highest ranked proposals received through Deadline: **June 26, 2020.**

Power of Youth Challenge - Through the Power of Youth Challenge, teams of at least 3 youth ages 13-18 will receive coaching and support to develop their projects. Every team that signs up will have access to financial support in the form of mini grants of up to $250. Deadline: **Ongoing through June 30**

The Connect-Kids-to-Parks Field Trip Grant Program (Connect Kids) is designed to connect students in New York State with nature and history. Each grant provides reimbursement of up to $40 per student (and $80 for Special Education students) for field trips to state and federal parks, forests, historic sites, fish hatcheries and other outdoor recreation areas. Deadline: **Rolling.**

The Pollination Project Grants support organizations/groups that do not have any paid staff with initial grants of up to $1,000. Successful grantees become eligible for larger impact grants of up to $5,000 and other support. One grant is awarded every day. Deadline: **Rolling**

The Kars4Kids Small Grant Program is dedicated to supporting education, mentoring, and youth development programs around the country that help children develop into productive members of their community. Grants typically range from $500-$2,000. Deadline: **Rolling.**

Residential Curbside Recycling Cart Grant Program Request For Proposals- to advance recycling in communities by offering financial and technical assistance to support the implementation of cartbased curbside recycling. Deadline: **Rolling.**

H20 for Life Mini-Grants provide $250-$500 mini-grants for schools to organize projects that educate youth about the global water crisis and help them take action to provide water, sanitation and hygiene education (WASH) for global partner schools. **Deadline: Rolling**

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

NIEHS Conference Grants-The mission of the National Institute of Environmental Health Sciences (NIEHS) is to discover how the environment affects people in order to promote healthier lives. Conference grant applications have a direct relationship to advancing the mission of NIEHS. In order to be responsive, all conference grant proposals must focus on or clearly indicate relevance to advancing our understanding of the role of environment and/or gene-environment interactions in disease/dysfunction. **Deadline: Rolling.**

Food Waste Grants - will provide reimbursement to businesses that generate over one ton of food waste per week to offset cost of select technologies and equipment that promise to reduce or divert that food waste from landfill or incineration. Eligible projects must reduce and/or divert wasted food at a New York State business including, but not limited to, supermarkets, restaurants, and hospitals. Monies will help food scrap generators implement food waste reduction recommendations, purchase capital equipment used in food donation, and create, improve, and expand diversion efforts to on and off-site compost and anaerobic digestion facilities. Deadline: **Rolling.**

Project Produce: Fruit and Veggie Grants for Schools-designed to help increase kids' access to fresh fruits and vegetables and create experiential nutrition education when and where students make their food choices: in the cafeteria. The $2,500 one-year grants support food costs to incorporate school-wide fruit and vegetable tastings into the school's nutrition program. Grants will be determined on an ongoing basis depending on available funding.

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).

Industrial Hemp Processing Grant Fund-New York has also allocated up to $5 million for grants for machinery and equipment required to process industrial hemp for commercialization. Grants may provide a minimum of $50,000 and a maximum of $500,000 for up to 50% of total project costs supporting capital investments. To be eligible, the facility must be located wholly in New York State which processes industrial hemp for commercialization.

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 23 and other dates later in the year**.

Cornell Douglas Foundation- Its mission is to provide small grants to organizations which promote the vision of the foundation: advocating for environmental health and justice, encouraging stewardship of the environment, and furthering respect for sustainability of resources. **Deadline: Rolling.**

Youth Pollinator Gardens Grant- up to $200, are available for projects that include educational materials on the vital role pollinators play in nature and youth involvement in planning and planting gardens providing nesting and food sources for pollinators. To apply for a grant, complete an NGC Grant Application, provide detailed information about the project, and submit your request to the NGC Youth Committee Chairman for approval**.**

Saving Species- We help local conservation groups purchase land for conservation and habitat restoration, and may consider projects for restoration of habitat on land that is within an existing protected area. **Deadline: Rolling.**

VolunTEEN Nation International Service Project Grants- 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. 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**

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

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

Doris Duke Environment Program Grants-For Nonprofits registered and working in the US. Permanent land protection (i.e., the acquisition of conservation easements or fee title interests to secure high-priority sites), management of lands already in protected status, and more. **Deadline: Rolling**.

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

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

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

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

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

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.

World We Want Foundation is accepting applications from organizations that represent youth making positive social change in their communities and around the world. Grants of up to $5,000 will be awarded to youth between the ages of 13 and 25 who want to make a difference. Application deadline: **Rolling**.

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

Kresge Foundation's Healthy Environments grant program seeks to improve the health and well-being of vulnerable populations by making the places they live, learn, work and play safe and conducive to overall good health. Application deadline: **Rolling**.

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

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

Home Depot Community Impact Grants-Grants, up to $5,000, are available to non-profit organizations and tax-exempt public service agencies in the U.S. that are using the power of volunteers to improve the physical health of their community. Grants are given in the form of The Home Depot gift cards for the purchase of tools, materials, or services.

Shell Foundation Grant—Programs that restore critical ecosystems, address water, air quality research, preserve wetlands and sponsor wetlands initiatives. Deadline: **Rolling**.

Fluor Foundation Grants—Nonprofits and academic institutions. Projects promoting responsible stewardship of the environment and supports organizations that protect natural resources and habits through conservation, restoration and beautification, and environmental education. Deadline: **Rolling.**

Disney Conservation Fund: Rapid Response Grants—Nonprofits and academic institutions located in the US. Projects which help animals during emergencies and natural disasters through its Rapid Response Fund. Deadline: **Rolling.**

Employment and Internship Opportunities

WNY PRISM Aquatic Invasive Species Program Manager- will coordinate all aspects of our regional Watercraft Inspection Stewardship Program that includes 20-25 Boat Stewards. This position also includes leading WNY PRISM's aquatic invasive species early detection efforts including *Hydrilla* response, coordination of an annual AIS Management Workshop, further development of aquatic invasive species programming, and representing WNY PRISM at meetings, conferences and community events. The desired start date is April 20, 2020. Deadline: **March 29 OR until filled.**

Mobile Market Coordinator for Massachusetts Avenue Project- will work with the Mobile Market team to bring fresh, affordable, and culturally appropriate food to Buffalo neighborhoods. The Mobile Market Coordinator with work closely with local farms to promote and support the advancement of local food distribution. The Coordinator will also work with MAP Staff to train interns and Growing Green Youth on all aspects of market operations, coordinate operation of the Growing Green Mobile Market, communicate with market sites, and marketing of local producer products. Deadline: **open until filled (virtual interview)**

Senior Community Development Project Manager-Full-time, will be a key member of BNSC's affordable housing and community development team.

Youth Organizing Manager-Full-time, will work with staff to help guide PUSH Buffalo's strategy to meeting its mission to mobilize residents to create strong neighborhoods with quality, affordable housing; to expand local hiring opportunities; and to advance economic justice in Buffalo.

Grant Street Neighborhood Center Program Manager-Full-time, The Grant Street Neighborhood Center Program Manager is responsible for the oversight and ongoing development of the Grant Street Neighborhood Center.

Sustainable Landscape Coordinator-Full-time seasonal, The PUSH Buffalo Sustainable Landscaping Coordinator oversees installation, propagation, and maintenance of green infrastructure, sustainable landscaping, and native plants on all PUSH properties. The Coordinator supervises a seasonal crew and ensures that all landscaping and safety protocols are being followed, while prioritizing the crew's tasks each day and week based on the weather and needs of PUSH.

Sustainable Landscaper-Full-time seasonal, The PUSH Blue Sustainable Landscaper is responsible for the cultivation and care of the landscaping and grounds surrounding PUSH grounds and around the City of Buffalo. This seasonal landscaper position including duties such as planting flowers, mowing, repairing structures, and maintaining outside the company properties.

Upstate New York Climate Organizer will liaise and coordinate with our coalition partners, including NY Renews, and mobilize and empower young leaders to build support for equitable and science-based climate policy in New York. Primary responsibility is to recruit, train, and support youth leaders from across upstate New York (priority regions include Buffalo) to reach campaign deliverables that advance climate policy in the state and build youth support for bold action. This is a part-time hourly position. Applications will be accepted on a rolling basis beginning January 15th, 2020.

LISC WNY Program Assistant - Operations - Part Time

LISC WNY Program Officer - Housing - Full Time

Invasive Species Management Steward, Niagara Region-The Student Conservation Association (SCA) in conjunction with NYS Office of Parks, Recreation and Historic Preservation is hiring an Invasive Species Management Steward to help map, remove, monitor and communicate about invasive species within selected parks.

Special Programs Host: Aquarium of Niagara-part-time, this position shall assist with the operations and functions of the Education Department of the Aquarium of Niagara.

Animal Behavior Manager/Animal Keeper III-Buffalo Zoo.

Niagara County Conservation District Assistant-Seasonal paid employment Much of the work will be done outdoors.

Student Interns sought for the Nautilus Explorer- paid intern on the *Nautilus* in 2020. Applications are open now for students! Applicants should be enrolled in or recently graduated from a community college, undergraduate or graduate program in ocean science, technology, or related fields.

Americorps Vista-Serve Buffalo community for one year, earn living allowance, limited health benefits and educational award. Email jdahir@city-buffalo.com for info.

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

Clean Air Coalition Internships-The Clean Air Coalition is a grassroots environmental health and justice organization based in Buffalo, New York. All internships include some operations and administrative work.

Service Collaborative of Western New York Vista Positions/Americorps-Opportunities for paid community involvement. Check out the available opportunities and eligibility.

ASHA Animal Sanctuary Internships- Seeking individuals for administrative, development, visitor programs and animal care positions.

Buffalo & Erie County Botanical Gardens Internships-Seeking individuals to work with Education Dept., Special Events, and Horticulture.

EquiStar Intern will assist both the Program Coordinator and Barn Manager in providing a therapeutic riding program during the summer sessions. She/he will have the opportunity to assist with planning and delivering the therapeutic riding programming along with learning the day-to-day responsibilities of operating a stable and caring for horses.

Citizen Science

Hemlock and HWA Hunters-volunteers locate hemlock stands and hemlock woolly adelgid in NY. To join our project please send us an email at cm933@cornell.edu orinfo@nyshemlockinitiative.info.

EPA Citizen Science Database-offers a searchable site for ways the public and EPA can partner to collect environmental information.

Tree Pictures for NASA Data Verification- NASA would like you to take a picture of a tree, please. The space agency's ICESat-2 satellite estimates the height of trees from space, and NASA has created a new tool for citizen scientists that can help check those measurements from the ground. All it takes is a smartphone, app, an optional tape measure, and a tree.

https://scistarter.org/citizensciencemonth April is Citizen Science month, so get involved from home, your neighborhood, a nearby park etc. and contribute to advancing knowledge.

Other Citizen Science Programs

Upcoming Community Activities:

****Most in-person scheduled events for May have been canceled. Updates for any new events will be posted to www.daemen.edu/enviro-news, if restrictions to events are lifted.**

Friday, May 1

2020 L.E.A.F. ZOOM: Freezing Vegetables, including Asparagus & Rhubarb-11:00 AM - 12:00 PM Diane Whitten, CCE Master Food Preservation Instructor is inviting you to a scheduled Zoom meeting. Topic: Freezing Vegetables, including Asparagus & Rhubarb. Learn tips and techniques for freezing vegetable to have the highest quality frozen product. Topics such as blanching, packaging, storage conditions and resources will be discussed. Contact Emily at eck47@cornell.edu for the class zoom link.

Lunch and Learn Series for Lyme Disease Awareness Month: Ticks Don't Social Distance -1pm. These lectures will be hosted every Friday in May, spotlighting the tickborne disease efforts ongoing in one regional VBD Center of Excellence each week. These lectures are open to the public, providing educational information about tick research and tickborne disease prevention. Register in advance at bit.ly/TickLunchLearn

Virtual Fossil ID-Dig up your unidentified fossil specimens and join us at 4 pm for a virtual show and tell. Penn Dixie experts will identify your fossils and provide background information about your geological treasures. All ages are welcome and there is no charge to participate. Register here.

Saturday, May 2

How to Engage in Science Policy-1 to 3pm. Webinar to help individuals learn how to become more involved in science policy at the local and federal levels. The Buffalo chapter of 500 Women Scientists is sponsoring the webinar and the keynote speaker is Kelly Single, science and technology policy fellow at the American Association for the Advancement of Science. There will also be a panel discussion on "Lobbying for Science Policy". To register, visit here. For info, email 500wsbuffalo@gmail.com or visit https://500womenscientistsbuffalo.wordpress.com/.

Monday, May 4

Slow Roll Buffalo Opening Night- Join Slow Roll Buffalo next Monday for their virtual opening night! Follow slowrollbuffalo.org and their social media for more information.

Webinar: Bringing Food Scraps Drop Off Programs to Your Community-2 to 3:15pm. Food scraps drop-off programs are popping up across New York State with a call for more from residents and community leaders alike. Join in our discussion to learn the ins and outs of starting a food scraps drop-off program in your community. Speakers: Emily Bachman (GrowNYC), Patti Capparelli & Linda Mackay (Rye Sustainability Committee), Susan Attridge (City of Buffalo). Register Here

Tuesday, May 5

Webinar: "From Stove Top to Soil: Composting in your backyard and neighborhood." -Please join Johns Hopkins University's Recycling Office for a virtual Lunch & Learn from 12-1pm (ET). We will hear from the Recycling Office's Leana Houser, as well as, Sophia Hosain and Brenda Platt from the Institute for Local Self Reliance about various composting practices for different backyards/homes, and how to make sure your food makes its way from the stovetop back to the soil! This event is open to the general public and will be relevant for audiences in Baltimore and beyond, so feel free to share. Registration is necessary to receive the Zoom link. Please register here.

Webinar: Keep Forests Healthy While Social Distancing-1:00 pm to 2:30 pm. This webinar highlights the Keep Forests Healthy Assessment and Scorecard. A tool to help landowners identify risks and strengths to the long term health of their woodlands. We will explore what makes a healthy forest and how to assess that in your woods. To do this, we will learn key concepts and share the Keep Forests Healthy Assessment and Scorecard. This is a great tool for landowners, stewards and forest professionals. At the end of the session, landowners will have the tools to go out and use the tool as a productive activity during this unprecedented time! Please register in advance.

Wednesday, May 6

Webinar: Investing with Purpose- 1pm to discuss socially responsible investing (SRI) and how you can align your values with your investments. Brady Quirk-Garvan of Natural Investments, LLC (A Charleston, SC based SRI firm) will be there to discuss and answer any of your questions. Part of MUSC Sustainability's Conversation Cafe Series. Attendee Invitation URL: https://tinyurl.com/green-investing, Attendee Password: green$

Webinar: Southern Pine Beetle: Biology, Monitoring and Management-1:00-2:00 PM. The southern pine beetle (SPB), *Dendroctonus frontalis*, is the most destructive insect pest of pine in the Southern United States. Dr. John Nowak will give a general overview of the biology, range and impact of the possible management strategies for preventing the spread of this insect pest. Visit the Forestry & Natural Resources Webinar website to view.

Webinar: Spot This! Spotted Lanternfly and the Risk to our Region-12:00-1:00 PM. Join Patty Wakefield-Brown, Finger Lakes PRISM, for the Finger Lakes PRISM's Invasive Species- Know, Observe & Report Webinar Series. Join the webinar here: https://hws.zoom.us/j/289297073

Meet the New Fueling Network: How Businesses Are Shifting to Electric Mobility- 1pm ET. Electric mobility has been growing fast, and electric vehicle (EV) charging is all around us. In our latest live webinar, meet the new fueling network that moves all people and goods on electricity and discover how businesses are shifting to electric mobility. Register.

Thursday, May 7

Webinar: Advocating for and Creating Effective Public Transit- 1:00 p.m. EDT. Having greater access to transit is vital for the functioning of safe, equitable, and environmentally friendly cities. But what makes for effective transit? How do you advocate for it? And how can cities utilize buses to create fast, frequent and reliable service? Join the Maryland Department of Planning and the Smart Growth Network at 1 p.m. Thursday, May 7 as Christof Spieler, author of *Trains, Buses, People: An Opinionated Atlas of US Transit*, and Steven Higashide, author of *Better Buses, Better Cities: How to Plan, Run, and Win the Fight for Effective Transit*, explain how to make better use of our current transit systems in clear ways for decision-makers, philanthropists, activists, and public agency leaders. Register.

Birds and Invasives Webinar- 2:00 pm - 3:00 pm. The relationship between birds and invasive species can be complex. On the surface, many invasive species may seem like a boon for our native birds, but as we look deeper into their impacts on our ecosystems, we see that all isn't as it once seemed. Management is also complicated as we try to balance short and long-term impacts, both positive and negative. Join Andrea Locke, WNY PRISM Coordinator as she sheds some light on these complexities and discusses invasive bird species, invasive species impacts on native bird populations and management strategies. Please see the login information below if you'd like to join in! Via Computer Meeting Code: 596 379 008 -or- Call-in Number: 1 (866) 394-2346 Meeting Code: 209 336 4420

"Pub" talk on Science Topics-7:30pm every other Thursday. This session is about native mussel species in our freshwater ecosystems! With their filter-feeding ways, they can collectively filter massive volumes of water. Isabel Porto-Hannes and Brandon Sansom will be telling us the story of the undulating local native populations of Western New York and the Great Lakes. Open to all-register for the link at: https://forms.gle/FdnafUDaxFECiUtn8.

Fireflies: Getting to Know the Jewels of the Night-1pm. Xerces Webinar: Discovering the Insects Around You Join Candace Fallon, Senior Endangered Species Conservation Biologist with the Xerces Society, as she takes us into the world of the firefly. Learn about their life history, the threats they face, and what you can do to help these incredible insects. Please note that this webinar will begin at 10:00 AM Pacific Time. This webinar will be recorded and available on our YouTube channel. Click here for more information and to register.

Organics Summit Webinar: Incorporating Food Scraps into your Yard Waste Composting Facility-2 to 3pm. Many communities operate leaf and yard waste composting sites (or partner with private operators), and have interest in growing these programs to accept food waste. The expansion of these programs is often difficult and has led to a lot of open-ended questions among operators, public and private alike. Come discuss the intricacies of establishing a new food scraps composting program. Speakers: Nora Goldstein (BioCycle), Cory Mansell (Center for EcoTechnology), James McSweeney (Compost Technical Services). **Register Here**

Friday, May 8

Lunch and Learn Series for Lyme Disease Awareness Month: Where Ticks Live and Roam -1pm. These lectures will be hosted every Friday in May, spotlighting the tickborne disease efforts ongoing in one regional VBD Center of Excellence each week. These lectures are open to the public, providing educational information about tick research and tickborne disease prevention. Register in advance at bit.ly/TickLunchLearn

Tuesday, May 12

Potential Biological Control Agents Matched for Invasive Hydrilla Biotypes in the U.S.- 3 to 4pm. Biological control agents introduced into the U.S. for the control of invasive *Hydrilla* have been partially effective and new agents are needed, especially those adapted to cooler climates and environments. Matt Purcell, Director of the USDA ARS Australian Biological Control Laboratory, will provide an overview of those survey efforts and will discuss several insect species that are being evaluated to determine their potential effectiveness as biological control agents for U.S. invasive *Hydrilla*. We will have an approximately 30-minute presentation followed by a Q&A session. To register for the webinar, please contact us at: hydrillacollaborative@ene.com.

Wednesday, May 13

iMapInvasives Webinar Series: *iMapInvasives Mobile App Training*-1:00 to 2:00 pm EST – Register Here
Need a solitary or family activity to get outside while still social distancing? Join this webinar to learn how to map invasive species in your area from your mobile device!

A Giant Problem - The Battle Against Giant Hogweed-Webinar at noon to 1pm. Join Naja Kraus, NYS DEC Region 3; and Patty Wakefield-Brown, Finger Lakes PRISM, for the Finger Lakes PRISM's Invasive Species-Know, Observe & Report Webinar Series. Join the webinar here: https://hws.zoom.us/j/817302876

Citizen Science and Invasive Species Webinar-Starts: 1:30 pm. As part of the E-Lecture series: Partnerships through Citizen Science: Success Stories and Solutions in collaboration with the Invasive Species Centre. Presented by Lauren Bell, Invasive Species Centre. Please register in advance.

Thursday, May 14

WNY PRISM Prevention Webinar-2 to 3pm. Join us to learn about Boot Brush Stations (BBS), a popular tool that educates the public about invasive species and prevents their spread along one of the most common and prolific pathways of invasion: trails! Emily Thiel, WNY PRISM's Education and Outreach Program Manager will discuss how to partner with Play, Clean, Go, as well as our pilot BBS program where partner scan apply to receive specialized signs for their parks and preserves and all necessary installation materials, free of charge. Lucy Nuessle, WNY PRISM's Terrestrial Program Manager will then discuss BBS material prices and installation instructions. Please see the login information below if you'd like to join in! Via Computer Meeting Code: 593 605 829 -or-Call-in Number: 1 (866) 394-2346 Meeting Code: 209 336 4420

Horticultural Class with Botanical Gardens: Gardening for Butterflies- 7-8pm, ONLINE Adult classes, General Public - $12 per class, Garden Members - $10 per class. Join us online for a 45min-1hr talk via Zoom! Learn about plants from the comfort of home. Check out our topics and discover something new. Learn how to identify different butterfly species (and their caterpillars) you might see here in Western New York, what plants will best attract these beauties and get inspired with garden design ideas. Register.
Email education@buffalogardens.com for more info.

Bumble Bees: Charismatic Megafauna of the Backyard Safari-1pm. Join Xerces biologists Rich Hatfield and Katie Hietala-Henschell to learn more about the fascinating life of bumble bees. These important pollinators can be found buzzing around most anywhere, from neighborhoods and parks to alpine meadows. In this webinar we'll take a look into what makes bumble bees so unique, which species you're likely to find in your backyards, why some species appear to be in trouble, and what you can do to help. We'll share practical tips for creating and maintaining better habitat, as well as ways you can contribute to our bumble bee community science projects. Please note that this webinar will begin at 10:00 AM Pacific Time. This webinar will be recorded and available on our YouTube channel. Click here for more information and to register.

Friday, May 15

Lunch and Learn Series for Lyme Disease Awareness Month: Where do Tick Borne Diseases Come From- 1pm. These lectures will be hosted every Friday in May, spotlighting the tickborne disease efforts ongoing in one regional VBD Center of Excellence each week. These lectures are open to the public, providing educational information about tick research and tickborne disease prevention. Register in advance at bit.ly/TickLunchLearn

Saturday, May 16

Pacific Northwest Bumble Bee Atlas Training-3pm. Interactive Online Workshop. Join Rich Hatfield, Senior Conservation Biologist with the Xerces Society, for this half-day online training to learn about bumble bees, their conservation status, and how to participate in the Pacific Northwest Bumble Bee Atlas. Please note that this training will begin at 12:00 PM Pacific Time. Click here for more information. *Please note that this webinar is now full. The webinar will be recorded and available online after the training. Please visit our website to access the video (in the Training Modules tab).*

Tuesday, May 19

EPA's Small Drinking Water Systems Webinar on Drinking Water Microbes 101- 2:00-3:00pm ET. To register, please click the following link: https://attendee.gotowebinar.com/register/8579458851052691469. Please note that registration is on a delayed process and you will receive an email with your link to join the webinar within one business day after registering.

Invasive Species Control Using Goats Webinar- 12:00 – 1:00pm. The use of livestock to control undesirable vegetation is growing in popularity. However, less is known about the pros and cons of this technique in comparison to other management methods, such as herbicide, cutting, and burning. In this webinar, Dr. Katherine Marchetto, post-doctoral associate at University of Minnesota, will discuss her research on the effects of goat browsing on the invasive shrub common buckthorn (*Rhamnus cathartica*) and on overall plant diversity and composition. Gavin Deming, Executive Director of Allegheny GoatScape, and Jake Langeslag, owner of Goat Dispatch, LLC, will share their observations from the field and provide webinar attendees with practical information on grazing goats to control invasive species. Please register in advance.

Webinar: Managing Wasted Food: Lessons Learned Nationally and New York State's Plan of Action-12:30 to 2:30pm. 12:30 – 1:00pm: Virtual Vendor Booth**,** InSinkErator invites you to learn about the Grind2Energy Food Scrap Recycling System. They're helping businesses such as universities, grocers, and sports venues participate in a local closed loop solution to divert their unavoidable food scraps from landfill. They'll showcase their IoT technology and customer dashboard. You will automatically receive the invitation to this video conference call when you register for the Managing Wasted Food: Lessons Learned Nationally and New York State's Plan of Action. 1:00-2:30pm**,** Join us as Nora Goldstein discusses the national trends of organics recycling, how New York State fits into the national picture and what she sees as the future of the organics recycling industry. Sally Rowland will then follow up with updates on the recently passed NYS Food Donation and Food Scraps Recycling law - where we are and where we need to go by 2022. Speakers: Nora Goldstein (BioCycle), Sally Rowland (NYS Department of Environmental Conservation). **Register Here.**

Wednesday, May 20

Finger Lakes PRISM's Invasive Species: Know, Observe & Report Webinar Series. Please register in advance. 12:00 – 1:00pm. Join Lydia Martin, NYSOPRHP; and Katie Amatangelo, SUNY Brockport, for the Finger Lakes PRISM's Invasive Species- Know, Observe & Report Webinar Series. Join the webinar here: https://hws.zoom.us/j/707067900

Webinar EDDMapS 2020: 15 Years of Tracking Invasive Species in North America-1:30 – 2:30pm. As part of the E-Lecture series: Partnerships through Citizen Science: Success Stories and Solutions in collaboration with the Invasive Species Centre. Presented by Chuck Bargeron, University of Georgia Center for Invasive Species and Ecosystem Health. Please register in advance.

Webinar: A Restoration Strategy for Future New York Woodlands-12:00 – 1:00pm. In 2017,Cornell Cooperative Extension developed a novel and innovative approach known as "slash walls" to address the two greatest barriers to successful forest regeneration: deer impacts and competing vegetation. This strategy has since been utilized successfully on over 400 acres at Cornell's Arnot Teaching and Research Forest. The webinar will focus on slash wall costs, construction methods, effectiveness, suitable applications, benefits, outcomes ,and if/how to use on your property or property that you manage. Presented by Brett Chedzoy, Cornell Cooperative Extension of Schuyler County and Peter Smallidge, Department of Natural Resources, Cornell University. Please register in advance (password is Cornell).

Public Gardens as Sentinels Against Invasive Plants-2:00 – 3:00pm. Webinar. Presented by: Kurt Dreisilker, Morton Arboretum. Public gardens can fulfill an important role in society by acting as sentinels for new invasive plants, particularly since many invasive plants originate from horticulture. This can be accomplished by collecting, synthesizing, and sharing data about how taxa spread from their original sites of cultivation into adjacent areas of their property. These data can be much more impactful if collected, structured, and shared using a common methodology. To this end, the Public Gardens as Sentinels against Invasive Plants working group has developed recommended guidelines to help gardens organize and share their data from their collections to characterize when plants escape from cultivation. PGSIP has also developed a database for gardens to upload and access information about plants spreading from cultivation. By collecting data from gardens across North America, PGSIP hopes to be able to provide a clear picture about plants escaping cultivation and potentially becoming problematic before large-scale invasions occur and before commercial adoption of these taxa into the broader horticulture industry. Please register in advance.

Webinar: Learn to Plant with Native Species- 1:00 pm - 3:30 pm. Join Sue Gwise, Cornell Cooperative Extension's Horticulture Educator and Master Gardener Coordinator, and Megan Pistolese, SLELO PRISM's Outreach and Education Coordinator, as they discuss native plants for your yard. Matt Schlesinger, Chief Zoologist with New York's Natural Heritage Program, will discuss how you can support community science through photographing pollinators in your own backyard. You will learn how to detect non-natives on your property, native alternatives for common invasive ornamental plants, and how to attract pollinators to your yard. Please register in advance.

Thursday, May 21

Webinar: How the COVID-19 Pandemic has Impacted Reducing & Recovering Wasted Food - 1:00 – 2:30 PM EST. The Northeast Recycling Council (NERC) and the Northeast Waste Management Officials' Association (NEWMOA) bring you the latest in a series of joint webinars. This webinar will focus on the important topic of waste food – how to avoid it and opportunities for recovery. The presenters represent ReFed and the Harvard University Food, Law & Policy Clinic. They will share the latest ideas and information on reducing wasted food and recovering and diverting what can't be reduced. Topics that will be covered include new tools and information from ReFED and on date labeling of food. Register Here

"Pub" talk on Science Topics-7:30pm every other Thursday. Different topic each session. Open to all-register for the link at: https://forms.gle/FdnafUDaxFECiUtn8.

Tickle Bees: Insights into the Life and Times of Ground Nesting Bees-1pm. Join Mace Vaughan, Pollinator Program Co-Director with the Xerces Society, as he talks about ground nesting bees, their under-cover biology, and things you can do that might give them a home in your yard. About 70% of North America's native bees are solitary ground nesting species. They are often under-noticed and under-appreciated. This webinar will give you ideas on where to find them, what to look for, and – of course – the wonderful story of Sabin Elementary School's mascot: the Tickle Bees. Come join the fun and you might even discover that you already have them nesting in your front yard! Please note that this webinar will begin at 10:00 AM Pacific Time. This webinar will be recorded and available on our YouTube channel. Click here for more information and to register.

Horticultural Class with the Botanical Gardens: The Fantastic World of Mosses - 7-8pm, ONLINE Adult classes, General Public - $12 per class, Garden Members - $10 per class. Join us online for a 45min-1hr talk via Zoom! Learn about plants from the comfort of home. Check out our topics and discover something new. Did you know that there are over 16,000 moss species? Mosses are wonderfully special plants that deserve a closer look. Learn about moss biology and discover some common species growing on rocks, in your lawn or in the forest. Register.

Friday, May 22

Lunch and Learn Series for Lyme Disease Awareness Month: Travelling Ticks/Studying Ticks Across the Border-1pm. These lectures will be hosted every Friday in May, spotlighting the tickborne disease efforts ongoing in one regional VBD Center of Excellence each week. These lectures are open to the public, providing educational information about tick research and tickborne disease prevention. Register in advance at bit.ly/TickLunchLearn

Wednesday, May 27

Webinar: Water Chestnut Volunteer Pulls in iMapInvasives- 1:00 – 2:00pm. Hundreds of volunteer hours go into manually pulling water chestnut plants each year. Join us to learn more about how we can standardize data collection in iMapInvasives. Please register in advance

Thursday, May 28

Webinar: Citizen Science Solving Invasive Species Issues through Early Detection and Management- 1:30 – 2:30pm. As part of the E-Lecture series: Partnerships through Citizen Science: Success Stories and Solutions in collaboration with the Invasive Species Centre. Presented by Angela Gupta, University of Minnesota. .Please register in advance.

I Notice and I Wonder: The Joy of Discovering Insects-1pm. This fun and entertaining webinar will give you the tools to promote and explore the curiosity for the natural world inside all of us. Through learning and engaging in some science sensing tricks, we can have fun attuning to, exploring, and discovering the amazing and magnificent world of insects. These tips and tricks are appropriate for all ages but particularly useful for parents and educators. Please note that this webinar will begin at 10:00 AM Pacific Time. This webinar will be recorded and available on our YouTube channel. Click here for more information and to register.

Friday, May 29

Lunch and Learn Series for Lyme Disease Awareness Month: California Dreamin' Ticks-1pm. These lectures will be hosted every Friday in May, spotlighting the tickborne disease efforts ongoing in one regional VBD Center of Excellence each week. These lectures are open to the public, providing educational information about tick research and tickborne disease prevention. Register in advance at bit.ly/TickLunchLearn

Monday, June 1

Recognizing Poisonous Plants in the Garden and Landscape-6:00 PM - 7:30 PM. This is the second of five classes in our Niagara County Gardening Classes for Adult Education series. Protect yourself, your children and pets by knowing how to identify the most common poisonous plants found outside and in our homes. Poison ivy, giant hogweed, wild parsnip, mushrooms and various houseplants are just some of the examples to be aware of. Class is at 6:00 PM in the 4-H Training Center Large Meeting Room. Cost is $15. *Preregistration and payment required by June 1st. Registration is first-come-first-serve. Download registration form here, and mail to: Cornell Cooperative Extension of Niagara County, 4487 Lake Avenue, Lockport, NY, attn.: Amanda Henning. **Registration is not completed until payment is received. Checks should be made payable to Cornell Cooperative Extension of Niagara County.* Contact Amanda Henning *Agriculture & Food Systems Educator,* app27@cornell.edu, (716) 433-8839 ext. 231. CCE Niagara County, 4487 Lake Avenue, Lockport, New York 14094.

Tips for the Environment:

Start your home compost-Compost Awareness Week is May 3-9. Check out the resources on how to compost, what to include or not include and why composting is important.

Complete your Census: Because Every Person Counts, Make Sure You are Counted in the U.S. Census 2020. Many people may not know the total population of the United States, of New York State, or even their own city, village, or town. But an accurate population count is vital to ensure our schools receive the aid they deserve, that we have appropriate representation in Congress, and that we receive appropriate levels of federal aid for services, such as hospitals, fire departments, and other vital programs. Learn more online.

Take a trash bag and go on a walk for a spring cleanup and explore Natural Places in WNY -download a free guide to download of places here

Virtual Tours/ Wildlife and More

Buffalo & Erie County Botanical Gardens
5 National Parks
PBS Nature Videos
Buffalo Science Museum Virtual Science Fair

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

Buffalo Niagara Waterkeeper- https://bnwaterkeeper.org/programs/volunteer/ for opportunities.

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

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

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

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

Global Justice Ecology Project- volunteers needed for mailing and office support. https://globaljusticeecology.org/

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

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

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

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

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

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

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

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

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

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

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.

Slow Roll Buffalo- our volunteer squad serves in a wide variety of roles on Mondays and beyond, from planning routes and keeping the rides smooth to many forms of community outreach. Our big biking family is ever-growing - if you're looking for a fun and fulfilling way to get involved in our community on wheels, submit an application!

Tifft Nature Preserve also needs volunteers for their programs, communications, fund-raising and other events. 716-825-6397 and tifftreservations@sciencebuff.org.

Western NY Land Conservancy- trail clearing, mailings, technical research and citizen scientist projects. https://www.wnylc.org/

Additional calendars with local events-
http://artvoice.com/calendar
http://www.citybration.com
http://www.buffalospree.com
http://www.exploreny.net/events.php3
http://www.metrowny.com/events.php
http://www.buffalo.edu/calendar
Re-Energize Buffalo Blog- http://renewnrg.blogspot.com/
http://buffalorising.com
http://rochesterenvironment.com/calendar.htm
https://boredommd.com/

Additional local blogs and websites-
Birds on the Niagara- http://www.birdsontheniagarafrontier.org/
Buffalo Niagara Gardening - http://www.buffalo-niagaragardening.com/
Buffalo Niagara Nature Almanac- http://bnnatureblog.com/
Buffalo Issues Alert- http://groups.yahoo.com/group/BfloIssueAlerts/
Buffalo Promise Neighborhoods- http://buffalopromiseneighborhood.org/
Buffalo Tours- http://buffalotours.blogspot.com/
Buffalo Green Fund-http://www.buffalogreenfund.org/
Canning Tips for Food Preservation- http://www.motherearthnews.com
Campaign for Buffalo History, Architecture and Culture- http://greaterbuffalo.blogs.com/
Chirps and Cheeps Bird Blog- http://www.chirpsandcheeps.com/
Dept. Environmental Conservation Calendar- http://www.dec.ny.gov/calendar/
DEC Green Living Tips- http://www.dec.ny.gov/public/337.html
Edible Buffalo- http://ediblebuffalo.wordpress.com/
Erie Cattaraugus Rail Trail- http://www.ecattrail.org/
Fix Buffalo- http://fixbuffalo.blogspot.com/
Gardening Speakers Bureau http://gardentalkbuffalo.blogspot.com/p/blog-page.html
GBNRTC-http://www.gbnrtc.org/blog/
Guide to Urban Farming- http://smallfarms.cornell.edu/resources/
Healthy Kids/Healthy Communities- http://hkhcbuffalo.blogspot.com/
Learning Sustainability Campaign- http://www.learningsustainability.com/
Nourishing Harvest- https://www.patreon.com/anourishingharvest
Parks and Trails NY Trailfinder Site- http://www.ptny.org/trailfinder/Default.aspx
Reuse Action-http://reuseaction.com/blog/
Rochester Environment- http://www.rochesterenvironment.com/
WNY Enviro- http://groups.yahoo.com/group/WNY-ENVIRO/
Outdoors Niagara- http://www.outdoorsniagara.com/
Environmental Tips- http://www.globalstewards.org/ecotips.htm
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
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- http://peaceweavers.org/

Eco-Island Nature Center- https://www.grandislandschools.org/domain/49
NY Sport Fishing- http://www.fishny.com/
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- http://www.had-e-nuff.com/id6.html
Rochester Roots-http://www.rochesterroots.org/
New York Times Green Energy & Environment-http://green.blogs.nytimes.com/
We Love Outdoors-http://www.weloveoutdoors.com/
WNY Chapter/American Chemical Society- http://wny.sites.acs.org/
Fishing Outdoors- http://www.huntfishnyoutdoors.com/events.php
Citizen Science Opportunities- listing

County/New York State Resources
Erie County GIS Mapping- http://gis2.erie.gov/HTML5/ErieCountyNY/
Geographic Information Gateway http://opdgig.dos.ny.gov/#/home

Green Jobs, Internships and Opportunities
Green Jobs- http://www.greatgreencareers.com
UB Green Job list- http://www.ub-careers.buffalo.edu/green.php
Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs
Additional jobs-https://www2.erie.gov/index.php?q=job-openings-community

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/Tools
https://trust.guidestar.org/grant-writing-101-resources-for-grant-writers
http://assembly.state.ny.us/gan/
www.grantstation.com
www.grantwatch.com
www.grantsalert.com
https://attra.ncat.org/index.php
https://grantsreform.ny.gov/

Urban Farms/ Composting/Rural Community-Supported Agriculture/Sustainable Practices-
Becker Farms- http://www.beckerfarms.com/csa
Brewster Street Farm- https://www.jersbuffalo.org/brewster-street-farm
Buffalo Organics/Foodscaping Project-http://www.buffalofoodscaping.com/
Canticle Farms-http://www.canticlefarm.org
Common Roots Urban Farm- https://www.facebook.com/CommonRootsUrbanFarm/

Cool Greens Vertical Farm- https://www.facebook.com/Cool-Greens-Vertical-Farms-2261876070712461/
Dirt Rich Farm- http://www.localharvest.org/dirt-rich-farm-M66269
Eastern Monarch Butterfly Farm- https://www.facebook.com/EasternMonarchButterflyFarm
Falkimmer Farms- https://www.facebook.com/FalkimmerFarms/
Farmer Pirates-http://www.farmerpirates.com/
Farmers and Artisans- http://farmersandartisans.com
Farmthisway CSA - http://www.farmthisway.com/
Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- http://www.firstlightfarmer.com/
Five Loaves Farm- https://5loavesfarm.org/
Free Fallen Fruit Rescue-https://www.facebook.com/freefallenfruitrescue
Gormley Farms- https://www.facebook.com/gormleyfarms
Green Heron Growers- http://www.greenherongrowers.com/
Gregs U-Pick- http://gregsupick.com/
Groundwork Market Garden- http://www.groundworkmg.com
Healthy Living Farm- https://www.healthylivingfarm.com
Kindred Kreek Farms- https://www.kindredkreek.com/
Little Bear Farm- http://www.littlebearfarm.harvesthand.com/
McCollum Orchards- http://mccollumorchards.com/
Michigan Riley Farm- http://michiganrileyfarm.wordpress.com/
Native Offerings- http://nativeofferings.com/
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- https://platodalefarm.com/
Porter Farms- http://www.porterfarms.org/
The Promised Land- http://promisedlandcsa.com/
Providence Creek Farm- http://www.providencecreekfarm.com/
Roots & Wings Family Farm- https://www.facebook.com/rootsandwingsfarm/
Root Down- www.therootdownfarm.com
Rust Belt Harvest- http://rustbeltharvest.org/
Sinemus Farms- http://www.sinemusfarms.com/
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- http://www.teacupfarm.com/
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Utley Acres- http://utleyacres.com/
Westside Tilth Farm- http://westsidetilth.com/
Wilson Street Urban Farm- http://wilsonstreeturbanfarm.wordpress.com/
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-http://www.localharvest.org/
Local Meats- http://meatsuite.com/
NY State Fruit and Vegetable Harvest Calendar- https://www.agriculture.ny.gov/HarvestCalendar.html

Local Businesses with Classes and Workshops
Badding Brothers-https://baddingbrosfarm.com/index.html
Happy Shack Oils and More-http://happyshackoils.com/
Lockwood's Greenhouses-https://weknowplants.com/
Masterson's Nursery-https://mastersons.net/
Sweet Flag Herbs-http://sweetflagherbs.com/

Local Tourism promoting Sustainability
Buffalo Bites Food Tours- http://www.buffalobitesfoodtours.com/
Buffalo Tours- http://www.preservationbuffaloniagara.org/buffalo-tours/
Niagara Wine Trail - http://www.niagarawinetrail.org/

Recycling, Reuse, Disposal, Green Cleaning Options: (also check www2.erie.gov/recycling/index.php?q=node)
Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot

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
Cars- http://www.donateacar.com/
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, Hearts for the Homeless -to see what is accepted https://www.nysar3.org/page/re-clothe-ny-78.html
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/, https://www.decluttr.com
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore
Drug disposal best practices and sites- http://www.dec.ny.gov/chemical/45083.html, http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com City of Buffalo residents- 1120 Seneca Street, hours and info here; Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club http://donateglasses.net/search.html for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- http://coatsforcubs.com (used for animal rehab for young animals)
Furniture-Goodwill, Salvation Army, Amvets and other charities
Gift cards and customer loyalty cards- http://www.earthworkssystem.com/consumers.html
Green Cleaning programs in the workplace-https://greencleaning.ny.gov/Entry.asp
Greeting Cards- http://www.stjudesranch.org/shop/recycled-card-program/
Hazardous Household materials- http://www.hazmanusa.com/
Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,
Ink cartridges-RecyclePlace.com and most manufacturers
Mattresses- http://triadrecycle.com/mattress/ 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
Pharmaceuticals-dropoff sites at map
Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot
Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org
Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448
Recycling A to Z - realsimple
Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com
Sports equipment-resell/trade at www.playitagainsports.com
Styrofoam- Thermal Foams, Inc. fors clean, white Styrofoam at 2101 Kenmore Ave., 14207. 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 preserveproducts.com/recycling
Wetsuits- https://www.sugamats.com/recycling/, https://www.greengurugear.com/pages/recycling-to-upcycle-program

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- Courses are free
Green Classroom Professional Certificate- Online courses, info here
Solar Energy Training- http://www.solarenergy.org/training-schedule/
Coursera- www.coursera.org

Miscellaneous tools including videos and websites:
Green America's guide to Socially Responsible Investing- http://pubs.greenamerica.org/i/116105
Buffalo Relocation and Self-Promotion http://www.wherelifeworks.com/
Change Food Library http://www.changefood.org/changefoodlibrary/
USDA Tool Kit for Local Food toolkit
Better Than Ed-Video series with Actor Ed Begley encouraging environmentally-friendly practices.
EJSCREEN is an environmental justice mapping and screening tool.
Local Foods, Local Places Toolkit to help communities develop their own plans for setting and achieving local food and revitalization goals.
Archived EPA Climate Change Info.
www.epa.gov/climate-indicators.
Guide to help schools reduce food waste
Tool for Sourcing Local Meat
Click here to watch the Know Your Food videos.
iMATTER Youth Movement to Spark Change
Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement
EWG's Guide to Healthy Cleaning.
EWG's Tap Water Database.
http://www.nebeginningfarmers.org/online-courses/ -beginning farmer online training through Cornell.
2018 Fuel Economy Guide
Climate Hubs provides information for managing risks posed by a changing climate.
NOAA National Marine Sanctuary Webinar series
NOAA One Science Seminar Series
Green Restaurant sustainability tool
Mapping Climate Change.

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

Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June	http://adk-nfc.org/
AIA Buffalo Western NY	https://www.aiabuffalowny.org/
Air and Waste Management Association	https://awmanfs.wildapricot.org/
Allegany Nature Pilgrimage	http://alleganynaturepilgrimage.com/
Alliance for the Great Lakes	www.greatlakes.org
American Planning Association-WNY Section/Upstate	www.wnyapa.com
American Meteorological Society-WNY Chapter	www.facebook.com/amswnychapter
Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html

Animal Advocates of Western New York	https://animalswny.org/
Aquarium of Niagara	www.aquariumofniagara.org
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Astronomical Association	http://buffaloastronomy.com/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloaudubon.org
Buffalo Blueway	https://buffaloblueway.com/
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	http://www.buffaloinbloom.com
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	http://www.buffalo-orienteering.org/

Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
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/
City Action Corps	www.cityactioncorps.org
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	https://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.coalitionpositive.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://cattaraugus.cce.cornell.edu/
Cornell Cooperative Extension for Chautauqua County	http://chautauqua.cce.cornell.edu
Cornell Cooperative Extension for Erie County	http://erie.cce.cornell.edu/
Cornell Cooperative Extension for Niagara County	http://cceniagaracounty.org/

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	https://www.facebook.com/d2lsBuffalo/
Drave's Arboretum	https://www.facebook.com/dravesarboretum/
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	https://esd.ny.gov/erie-canal-harbor-development-corporation-0
Erie County Climate Action & Sustainability	http://www2.erie.gov/environment/sustainability
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
500 Women Scientists, Buffalo Chapter	https://500womenscientistsbuffalo.wordpress.com/
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/

Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Experience	http://www.thegreatlakesexperience.org
Great Lakes Research Consortium	https://www.esf.edu/glrc/
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	http://gwbuffalo.org/
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org

HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
H.O.P.E of WNY	https://www.reptilekeeperllc.com/
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Inland Ocean Coalition-Buffalo Chapter	https://inlandoceancoalition.org/whoweare/chapters/buffalo/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://audubonc nc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jssbuffalo.com
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Local Initiatives Support Corporation	https://www.lisc.org/wny/
Lyceum at Silo City	https://www.lyceumsilo.city/
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
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/

New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	http://www.nysaccny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	https://parks.ny.gov/
New York State Sea Grant	http://www.seagrant.sunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York Upstate Chapter, Landscape Architects	https://www.nyuasla.org/
New York State Wetlands Forum	http://www.wetlandsforum.org
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	https://sites.google.com/a/niagarafrontierbotanicalsociety.org/niagarsociety/home/
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-1013633888708865/
Niagara River Greenway Commission	https://www.niagararivergreenway.com/
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org

Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/
Our Outer Harbor	http://www.ourouterharbor.org/
Partners for a Livable WNY	https://www.livablewny.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Pelion Garden	https://peliongarden.org
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Pollinator Conservation Association	http://www.pollinatorconservationassociation.org/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
PUSH Blue	https://www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	https://levesqueinstitute.niagara.edu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://roccbuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/

Rochester Environmental Groups	http://rochesterenvironment.com/EXTRA/enviromentalists.htm
Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	https://www.facebook.com/South-Buffalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21st Century Park on the Outer Harbor	http://21stcenturypark.org/
UB Engineers for a Sustainable World	http://www.eswub.com/
UB Environmental Network	https://www.facebook.com/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.uli.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/

Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.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	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.growwny.org/
Western New York Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Food Hub	https://www.edenvalleygrowers.com/wny-foodhub
Western New York Herpetological Society	http://www.wnyherpsociety.org/
Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	https://www.wnylc.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Mountain Bike Association	http://www.wnymba.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnysc.org/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/
Western New York Service Learning Coalition	http://levesqueinstitute.niagara.edu/programs/wnyslc/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/

Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/wp/
West Side Ministries (716 Ministries)	http://www.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	https://buffalowind.wordpress.com/
Working for Downtown	http://www.workingfordowntown.org/
World on your Plate	http://www.worldonyourplate.org/
Youth Climate Summit	https://wnyyouthclimatesummit.org/