# **Enviro-News**

# February, 2025

Sponsored by Daemen University Editor: Brenda Young

#### **Newsletter Contents:**

- Articles- including events, courses, local news, teaching resources, grants, jobs
- Upcoming Activities
- Public Comments, Civic Engagement and Activism
- Tips for the Environment
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

### **Articles:**

# **Public Hearings on STAMP**

On **Monday, February 3, 2025**, STAMP developer Genesee County Economic Development Center will host a series of public hearings on proposed incentives to each of the three investor groups currently applying to site a data center at STAMP. The Western New York Science and Technology Advanced Manufacturing Park (<u>STAMP</u>) project is a proposed 1,263-acre industrial "mega-site" located in Alabama, NY, next to the Tonawanda Seneca Nation, and surrounded by the Iroquois National Wildlife Refuge, Tonawanda Wildlife Management Area, and John White Wildlife Management Area.

If you're able to attend the hearing in person, please come express your comments. You can also tune in to the livestream. Hearings are at 2pm - Project Potentia, formerly Hydroscale, 3pm - Project Rampart and 4pm - Project Double Reed at Town of Alabama Fire Department, 2230 Judge Road, Alabama, New York 14013.

#### Snowy Owls & Lemmings: 35 Years of Predator-Prey Dynamics in the Arctic

Denver Holt, founder of the Owl Research Institute (ORI), will share insights from 35 years of dedicated snowy owl research in Utqiagvik /Barrow, Alaska on **February 7** at 121 Cooke Hall, UB North (<u>zoom</u> option). He will highlight the intricate relationship between snowy owls and their primary prey, the lemming, and explore the alarming declines both species have faced at that location over the recent decades. Holt will discuss the critical role of predator-prey dynamics in Arctic ecosystems, the potential causes of these population shifts, and why understanding these changes is essential for conservation efforts. This presentation offers a rare glimpse into the nuances of Arctic wildlife and the ongoing challenges they face. For more information, visit <a href="https://arts-sciences.buffalo.edu/environment-sustainability.html">https://arts-sciences.buffalo.edu/environment-sustainability.html</a>

## Wild Side of Love

Join us on **February 12** at 6pm for an intimate evening of talks about the "birds and bees" of the animal kingdom that supports the Buffalo Zoo! Buffalo Zoo President and CEO Lisa Smith will lead this adults-only presentation that discusses mating battles to subtle courting rituals, and how some of the Zoo's most popular couples show affection. Purchase your tickets here.

#### **Green Drinks**

Join others for networking and fun at Green Drinks on **Thursday, February 13th** at 5:30pm at Froth (700 Military Rd, Buffalo, NY 14216). The event is also listed on <u>Facebook</u> and on the <u>Green Drinks webpage</u>.

## 13th ISA Certified Arborist Preparatory Course

A Certified Arborist Preparatory Course will be offered in person (and also live via Zoom) at the Buffalo Olmsted Parks Conservancy, from **February 3 through 7, 2025**. For more info or to register, contact Glenn Gentzke 716.949-6214 <a href="mailto:glenndny@yahoo.com">glenndny@yahoo.com</a>.

# **Bailey Ave Bus Rapid Transit Public Meetings**

The community is encouraged to attend one of three public meetings sponsored by the Niagara Frontier Transportation Authority for the Bailey Ave Bus Rapid Transit (BRT) Project. Meetings are **Feb. 6** (5-7pm at 2515 Bailey), **Feb. 8** (11am to 1pm at 2061 Bailey) and **Feb. 13** (5:30-7pm via zoom-register). The in-person open-house meetings will allow attendees to share their feedback on the overall project and intersection concepts. Under the plan, a bus rapid transit line will be built along Bailey Avenue in Buffalo from Main Street in the north to South Park Avenue in the south thanks to a \$102.7 million federal grant. The 7.5-mile route will feature dedicated bus lanes, an estimated 13 stations with waiting areas, improved signaling and safety features for bicyclists and pedestrians.

# 2025 Birds on the Niagara International Birding Festival

The annual Birds on the Niagara Festival includes talks, walks and other activities from **February 13-17**. For a list of activities (most are free, but some require reservations), visit <a href="https://bird-niagara.org/event/2025-birds-on-the-niagara-binational-birding-festival/">https://bird-niagara.org/event/2025-birds-on-the-niagara-binational-birding-festival/</a>. Events are scheduled in the U.S. and in Canada.

# **Greater Niagara Fishing Expo**

The Greater Niagara Fishing Expo is designed by anglers for anglers with the simple goal of promoting and teaching fishing. This annual event attracts thousands of anglers to the Niagara Falls Convention Center (NFCC) in Niagara Falls, NY. The Expo runs **Thursday, February 13 through Sunday, February 16, 2025**. With hundreds of hours of fishing education available for attendees to choose from and over 170 booths of fishing-related exhibitors, the Greater Niagara Fishing Expo is the largest fishing show in New York State and among the largest in the Great Lakes. The Expo welcomes anglers of all ages and experience levels to attend. <u>Tickets and info.</u>

# **Empty Bowl Fundraiser to Benefit Massachusetts Avenue Project**

The Massachusetts Avenue Project has been selected as the beneficiary for <u>Buffalo AKG Art Museum's</u> 2025 Empty Bowls fundraiser, taking place on **Wednesday February 19th!** Empty Bowls is an international grassroots effort to raise awareness of and combat food scarcity. As a part of the Empty Bowls movement, the Buffalo AKG Art Museum will be hosting an art & dining event at the museum; **all proceeds from ticket sales will benefit MAP's food equity work.** For the price of your \$40 ticket, you will be invited to join us for a very special meal at the Buffalo AKG Art Museum, which will include artmaking activities and more. You will also get to select and take home a ceramic bowl handmade by local residents & artists who have come together to create art for this cause. Join us and be a part of this global movement of generosity! <u>Tickets</u> for 12-2pm or <u>tickets</u> for 5-7pm. We hope you'll join us for this special event!

# Plant WNY Trade Show and CNLP Training

The Certified Nursery Landscape Professional (CNLP) program is an on-going educational program designed to increase the skills of garden center and landscape employees throughout New York. This year's training and Plant WNY Trade Show will be on **Thursday Feb. 6 and Friday Feb. 7** at Salvatore's Italian Gardens, Depew. Register.

#### **Great Backyard Bird Count**

The 28th annual Great Backyard Bird Count (GBBC) starts on **Friday**, **February 14**! Tune in for a webinar on **Thursday**, **February 6 at 7 p.m. ET** or **Wednesday**, **February 12 at 3 p.m. ET** to learn from project coordinators from Audubon, the Cornell Lab of Ornithology, and Birds Canada. Please share this webinar with your network as well! All skill levels and all abilities are welcome to count birds from anywhere and enter their checklists online. Share this with your network to encourage a big turnout for this year's GBBC! Register now

## The 20th Annual Community in Bloom Classes

Cornell Cooperative Extension is holding their Community in Bloom classes on Saturdays **February 8** and **22**. There will be two different topics each day. Cost is \$25 per day. Registration is required. To register and view class topics, go to: <a href="mailto:erie.cce.cornell.edu/events">erie.cce.cornell.edu/events</a> or contact <a href="mailto:jah663@cornell.edu">jah663@cornell.edu</a> or (716) 652-5400 ext176. Time: 9:00 - 11:45 AM. Check in starts at 8:30 AM.

#### Virtual Panel Discussion: Erie County Forest Management Plan Update

Join an upcoming informational webinar and panel discussion on **February 12<sup>th</sup>** from noon to 1:30pm on the <u>Erie County Forest Management Plan update</u>. You must <u>register</u> to attend this webinar at <a href="http://bit.ly/fmpwebinarreg">http://bit.ly/fmpwebinarreg</a>. Topics will include: Climate Adaptation, Deer Management and Forest Ecosystem Management in a Changing Environment. Our speakers will share key issues surrounding their topic and how they relate to forest management. At the end, they will open the discussion up to questions you may have. This webinar is perfect for anyone interested in forest management in Erie County and beyond!

#### **Annual Tree and Shrub Sales**

It is time to order trees and shrubs from your county Soil and Water Conservation District. Orders for both <u>Erie</u> and <u>Niagara County</u> orders are due by **Feb. 28**. Erie County pickup date is April 26 and Niagara County has pickup on April 25 and 26. Get orders in soon before items sell out.

# The SPCA's Pawsitive Payday Annual Raffle

The Pawsitive Payday Annual Raffle to benefit the SPCA is selling tickets through 11am on February 28. There are three incredible prizes this year: **Grand Prize: \$2,500, 1st Runner Up: \$1,000, 2nd Runner Up: \$500.** As a 100% community-funded organization, we rely on the generosity of donors like you to care for nearly 12,000 animals each year. Your support directly helps us continue our mission of making a lasting impact on the lives of animals and the people who love them. Don't miss your chance! <u>Tickets.</u>

#### 2025 TEDx Applications Now Open!

Do You Have an Idea Worth Spreading? Start shaping your idea today – part of the process includes a two-minute pitch video, due by **February 15**. Get inspired, jot down ideas, and share them with those around you. <u>Learn more and apply</u>. Know someone who would shine on stage-share the link.

#### **Environmental Education & Democracy: Two-part online discussions**

Join Cornell for a two-part exploration of how environmental education can foster democratic participation and decision-making for a sustainable future. These sessions are designed for educators eager to enhance democratic environmental governance, and help students and communities influence sustainability practices, policies, and institutions. Sessions are **February 12 and 26** from 4-5pm each day. Learn more and register: https://www.civicecology.org/eed

# **Free Fishing Days**

New York State offers free fishing days throughout the year so that anyone can fish the freshwaters of the state without a fishing license. This is a great opportunity to try fishing for the first time or introduce someone new to the sport.

Free Fishing Days in 2025 will take place on: February 15-16; June 28-29; September 27; and November 11.

Don't have a fishing rod? No problem! DEC partners with libraries across the state to offer a Rod Lending Program for patrons. Find a participating library near you.

#### Plant Sale to Benefit Reinstein Woods Nature Preserve

Friends of Reinstein Woods is accepting orders for its annual plant sale which includes plants grown from seeds collected in Western New York. Orders will be accepted from **February 1 to February 28, 2025**. The sale will raise funds to support environmental education programs offered by Reinstein Woods Nature Preserve. Nineteen native varieties are available for pre-order, including Virginia Mountain Mint, New York Aster, and Red Cardinal Flower. Many of these plants are not widely available at standard garden centers. The sale also includes limited quantities of several plants grown from seed collected in Western New York. Online orders may be placed at <a href="https://www.reinsteinwoods.org/plantsale">www.reinsteinwoods.org/plantsale</a> or by requesting an order form by calling (716) 683-5959. Plants will be available for pick-up on Saturday, May 28, 2025, from 10:00 am to 1:00 pm at Reinstein Woods Nature Preserve, 93 Honorine Drive, Depew, NY 14043. Purchases can also be picked up on Monday, June 2, 2025, from 2 pm to 7 pm. For more information about which plants are available, descriptions of the plants, or any questions regarding the sale, please call (716) 683-5959 or visit <a href="https://www.reinsteinwoods.org/plantsale">www.reinsteinwoods.org/plantsale</a>.

# "Rehabilitating Wildlife Classes 2025"

AWARE – Association for Wild Animal Rehabilitation and Education, will be offering classes for those interested in preparing for the NYS DEC Wildlife Rehabilitator License exam and/or volunteering with AWARE to be held at Starpoint Central School, 4363 Mapleton Road, Lockport, NY 14094. The cost is \$110. Class is 10am to 1pm on **Feb. 22**, **March 1**, **8**, **16** and **22**. Registration Coming Soon through Starpoint online. Upon completion of the classes, you will receive a certificate that will give you 15 hours of training to be used towards your application for a NYS DEC License and USF&W Permit.

# Women's Wilderness First Aid Training

Join Eart Spirit for a women-focused first aid training from **February 28-March 2**. This Wilderness First Aid (WFA) + American Heart Association BLS (CPR) course is designed for an individual or small group that travels beyond pavement and into the outdoors and is geared toward empowering women in the wilderness. The course consists of ~16 hours of in-person training and hands-on practice scenarios and ~3 hours of CPR training. The training will be taking at Park School, 4625 Harlem Rd, Amherst, NY 14226. Class times are Friday, February 28: 6:00pm-10:00pm, Saturday, March 1: 8:00am-5:00pm and Sunday, March 2: 8:00am-2:00pm. WFA covers the most critical aspects of providing safety and first-aid in a wilderness setting. The resulting certification is valid for 3 years. Must be 18 or older. Register.

#### 32nd Annual Rural Landowner Workshop

The regional Rural Landowner Workshop will be held on **March 1** from 9am to 3pm at Pioneer Central School in Yorkshire. The workshop sponsored by the Cornell Cooperative Extension involves several agencies that provide educational information and outreach to landowners. Presenters are brought in from both private and public sectors to provide participants with up-to-date information. Early bird registration \$35 (includes lunch) through Feb. 14, \$45 after. Learn more and register here.

#### Freshwater Flicks: Save the Date

We are thrilled to announce that Buffalo Niagara Waterkeeper is partnering with Wild & Scenic Film Festival for our second Freshwater Flicks to bring a series of short films from across the world right to Buffalo. It's all happening **Sunday, March 2** at 1pm atThe Caz, 2221 Seneca St. in South Buffalo. Don't miss this opportunity to check out Buffalo's coolest new event space and enjoy some inspiring short films! It's going to be a great way to start thinking about spring, warmer weather and our water season. <u>Tickets</u>

#### The EMC Environmental Excellence Awards Program

Started in 2015, the Erie County Environmental Management Council program recognizes exceptional projects carried out by municipal and non-profit organizations in Erie County that stand to have a significant and lasting positive impact on the natural environment. The awards program is designed to showcase and promote projects that can be replicated in communities across Erie County and beyond. Projects could be in the areas of Planning & Design, Land Use and Zoning, Natural Resource Protection, Air and Water Quality, Ecosystem Health, Energy and Transportation, Agriculture and Forestry, Solid Waste Management, Contaminated Sites, Community Action & Education, Climate Change or any other related subject area. Applications are due by March 7 and an award ceremony will take place near Earth Day, at the end of April. Nominate your own project or another Erie County project for consideration.

## **Master Gardener Education Day**

The Cornell Cooperative Extension (CCE) of Erie County Master Gardener Program will host 'Celebrating Gardening', our 2025 Master Gardener Education Day on **Saturday, March 8, 2025**, from 8:30 am to 3:00 pm. The cost of the event includes lunch. The program will include two presentations by Kim Eierman: "Beyond Sustainability: Using Our Landscapes as a Source of Environmental Change" and "Creating A Succession Bloom in the Native Garden." The second speaker is Margaret Lapp, Director and Curator of the South Park Arboretum at Buffalo Olmstead Parks Conservancy. She will speak on "Purposeful Plant Selection for Sustainable Gardening Solutions." Registration ends March 5, 2025, but usually sells out. The event will be held at Classic V's Banquet Hall, 2425 Niagara Falls Blvd, Amherst, NY.

#### Garden Walk Buffalo Grants

The <u>Lunenfeld Beautification Grants</u>, named for Garden Walk Buffalo's founder Marvin Lunenfeld, are available for garden-related projects by block clubs and community groups throughout the City of Buffalo. **Applications are due by March 15**. For more information, and to apply online, <u>visit here!</u>

# **WNY Environmental Alliance Congress: Save the Date**

Please save the date in your calendar for the WNY Environmental Alliance annual congress on **Wednesday March 26 from 6:00-7:30 pm** in the Cummings Room at the **Buffalo Museum of Science**. This is our opportunity to share updates on our current campaigns, announce new ones we intend to focus on, and connect with what is important to the Western New York community. We will send out a formal invitation with an agenda closer to the date. Please note that we intend to take a vote on changing the organization type from a membership organization to a direct-led organization. We value your input and hope to see you there. To review our current campaigns, visit <a href="http://www.wnyea.org/">http://www.wnyea.org/</a>

#### Spring 2025 All About Water

Join us on March 27 in Rochester for the All About Water Conference to learn, discuss, and connect around water issues such as replacing lead service lines, addressing harmful algal blooms, and more. Register to save your spot for in-person or online attendance today! Limited assistance is available on a first come, first served basis for travel and accommodations. Agenda

#### Take the Pesticide-free Pledge and Receive a Free Lawn Sign!

Receive a FREE lawn sign when you pledge to protect your family, pets, wildlife and waterbodies by having a pesticide-free lawn or eliminating use of pesticides on your lawn, and making your lawn a pesticide-free safe "Home for the Gnomes". Overuse and misuse of garden chemicals can be harmful to humans, pets, wildlife and waterbodies. Collectively, residents control about 900,000 acres of lawn in New York alone - 75% of the managed turf in the state. The good news is there are many ways to care for your lawn that avoid putting family and neighbors at risk. Pledge to eliminate pesticides in your lawn including insecticides, herbicides (weed-killers, "weed and feed"), fungicides and other chemical pesticides and receive a free lawn sign to let your neighbors know that your lawn is healthy and safe.

# **DEC's Annual Spring Seedling Sale Now Open**

The DEC Colonel William F. Fox Memorial Saratoga Tree Nursery's Annual Seedling Sale is happening now through May 14. Dozens of tree and shrub species are available for purchase for conservation plantings across New York State. Every tree planted counts towards the state's goal to plant 25 million trees by 2033! Browse this year's selection on our website, and be sure to get your order in early because many favorites sell out quickly. All orders must be placed by phone. Seedlings will be shipped or available for pickup mid-April through early May.

## **Annual School Seedling Program for Educators Begins**

As part of the Governor's 25 Million Trees by 2033 Initiative, Colonel William F. Fox Memorial Saratoga Tree Nursery is expanding its famous School Seedling Program this year to reach more schools and students across New York State! The Saratoga Tree Nursery has been engaging the next generation of environmental stewards since 1985 by distributing tree and shrub seedlings to schools and youth organizations throughout the state. Involve your students in hands-on learning and contribute to the state's goal to plant 25 million trees by 2033! Apply online by March 28 to receive 25-50 free seedlings to plant with your students. Each school or organization may receive one order per year.

# **Volunteer to Help Amphibian Migrations and Road Crossings**

New York forests are inhabited by amphibians that breed in small, temporary wetlands called woodland pools. In late winter or early spring, when weather conditions are right, frogs and salamanders make their way from the forest to woodland pools, where they'll mate and lay eggs. The <u>Amphibian Migrations and Road Crossings (AM&RC) Project</u> enlists volunteers to find locations where migrations cross roads; document weather and traffic conditions; record migrating amphibians; and help these vulnerable creatures safely across the road. To receive news and alerts about this year's migration and announcements for upcoming volunteer trainings, you can sign up to receive the AM&RC enewsletter. Video training is available.

# 21st Annual Symposium on Energy in the 21st Century

The Twenty First Symposium on Energy in the 21<sup>st</sup> Century will be held on **April 4, 2025** at SUNY ESF in Syracuse. This Symposium will once more include top experts to help us achieve a clear path toward a healthy world through renewable energy. Registration includes breakfast & lunch. The program begins at 8am. Register and info.

## 2025 NY State Wetlands Forum Annual Conference and Business Meeting

The NY State Wetlands Forum Annual Conference will be held in Rochester on **April 22-23** based at the Hyatt Regency Rochester. They are accepting abstract submissions now through January 10, 2025. <u>Call for Abstracts Here</u>. The conference is an opportunity to learn, share, improve, and discuss wetland science, management, policy, and related matters. Enjoy networking with your colleagues and explore Rochester's wide array of activities.

# **Envirothon High School Environmental Competition**

The Erie County Soil and Water Conservation District will host its Envirothon on **March 27** and May 1 at Elma Sr. Citizen Center, 3007 Bowen Rd., Elma. The competition requires teams of 5 students. For more info and to register, call 716 652 8480. For Niagara County, interested teachers who would like to get your students involved, please call Darcy at the Niagara County Soil and Water office, (716) 434-4949.

#### **Waste Collections**

Erie County residents have the option of using the County's "Voucher Drop-off program" which enables residents to bring up to 50lbs. eligible hazardous waste to the Hazman facility in Tonawanda at no cost. Preregistration is required. For more info go to <a href="mailto:erie.gov/recycling">erie.gov/recycling</a> or Hazman directly at 998-8073 or call 716-858-6800. For more info email us at <a href="mailto:recycle@erie.gov">recycling</a> or call 716) 858-6800. For info on City of Buffalo events, check <a href="mailto:www.buffalorecycles.org">www.buffalorecycles.org</a>.

#### **2025 Rain Barrel Painting Contest**

The Erie County Department of Environment & Planning (DEP) is sponsoring the 2025 Rain Barrel Painting Contest for schools and student-based groups in Erie and Niagara Counties in honor of Earth Day 2025! All are encouraged to enter as a team either through a class or an after-school program (ex. Scouts, 4H, etc.). The team will design and paint a plastic rain barrel (provided by DEP) for a theme focused on stormwater pollution prevention and/or re-using rainwater. Click here to learn more about stormwater pollution prevention. Please register ASAP to participate in the contest. There are limited spots and the contest fills up quickly. All participating schools will retain their final painted rain barrel to use, donate or raffle as desired.

#### **Erie County Forest Management Plan Update Survey**

The Erie County Bureau of Forestry is seeking public and stakeholder input as they update the 2003 Erie County Forest Management Plan. <u>Click here to learn more and participate in the survey.</u>

# Bring "Buffalo Niagara's Climate Challenge" Game to Community Meetings

This winter and spring, University at Buffalo Regional Institute will bring the community engagement game debuted at their recent climate action symposium to group settings across the region. The game helps to build understanding about actions we can take to reduce emissions and is a key means by which we'll incorporate feedback from the community into the One Region for Climate Action Comprehensive Climate Action Plan. If you have a committee, community organization, classroom, or any other group you think would like to engage with this activity, Sign Up Here

#### Tardigrades & Silkworms: Nature's Secret to Smarter Seed Coatings

Inspired by the silk produced by silkworms and by the tardigrades, also known as water bears - the microscopic animals that can survive the most extreme conditions - Ivu Biologics has developed a seed coating solution that extends the shelf-life of the microbe-embedded seed coatings, ultimately increasing crop yields, restoring soil health, reducing need for conventional fertilizers and pesticides while being biodegradable. Get inspired by the <u>video</u>.

## **National Strategy to Prevent Plastic Pollution**

EPA published the "National Strategy to Prevent Plastic Pollution," part three in EPA's Series on Building a Circular Economy for All. In the strategy, EPA shares actions that governments, businesses, non-profits, and consumers can take to eliminate the release of plastic waste into the environment. EPA also outlines interventions across the entire plastic life cycle to reduce the U.S. contribution to plastic pollution. This final strategy incorporates public feedback and affirms EPA's commitment to eliminating the release of plastic waste into the environment by 2040.

## **Food Waste Methane Emissions Report**

ReFED, a U.S.-based nonprofit working to catalyze the food system toward evidence-based action to stop wasting food, released a report on the methane impacts of food loss and waste in the U.S. with support from the Global Methane Hub. The report accompanies an update to ReFED's Impact Calculator, which has long calculated overall greenhouse gas emissions from food waste in different scenarios. ReFED also added new data and features to its <a href="Insights Engine">Insights Engine</a>. <a href="Access the full methane report from ReFED.">Access the full methane report from ReFED.</a>

# **Seagull: Connecting people to the Great Lakes**

The Great Lakes Observing System (GLOS) is a nonprofit that provides data science, policy, and management support to the U.S. and Canada. Last year, they released <u>Seagull</u>, a slick data platform that brings real-time weather and water data to users. Seagull offers live conditions, lake trend information, and forecast models.

# Patagonia Launces Video: "Welcome to the Age of Cheap Crap"

The Shitthropocene is a mock anthropological view of humanity's consumption habits, turning a satirical (yet brutally honest) eye on how everything is turning to shit and why the impulse towards more might destroy us all. You might have noticed that a lot of things seem to suck right now. This <u>film</u> isn't about all the things that suck, but it is about consumption, which is both a cause and a symptom. For a bunch of reasons, pretty much everyone is making and buying too much stuff, which we are evolutionarily programmed to want.

## New Forest Health Diagnostic Lab Reporting Form Available!

Have a sick tree in your yard? Snapped a picture of a mystery insect you think could be invasive? <u>DEC's Forest Health</u> <u>Diagnostic Lab</u> is here to help you diagnose and identify tree diseases and potentially invasive insects. We're excited to announce a new <u>reporting form</u> which makes it easier and quicker than ever to submit your diagnostic requests. Check it out!

# **Fungal Battery is Biodegradable**

Researchers have 3D printed a small battery using fungi, cellulose and carbon which produces enough electricity for small sensors and it can tossed into compost to degrade once its work is done. The work appears in the journal <u>ACS Sustainable</u> <u>Chemistry & Engineering</u>. To make the battery, they mixed the fungal cells separately into cellulose-based inks, and added carbon particles to the inks to increase conductivity. Then they use the inks to 3D print a battery. The devices can be stored in a dried state. Putting them to use would simply require activating and growing the fungal cells inside the inks using water and simple sugars.

#### Road Salt: Problem, Solution and How to Get There

Road salt is an emerging pollutant in snow-belt regions. In this <u>recorded video</u>, Vicky Kelly from Cary Institute of Ecosystem Studies covers the history of road salt use, where we find salt in the environment today, some co-occurring issues related to road salt such as lead in water, and how to reduce road salt pollution without sacrificing safety.

#### **Coastal Resilient Podcast**

The first episode to Buffalo Niagara Waterkeeper's ongoing Coastal Resiliency series was just released on our podcast, <u>Between Two Great Lakes</u>. This and upcoming episodes look at how organizations are working to create a resilient coastline for Lake Erie in a time of extreme storms. <u>Listen here</u>.

# **Funding for Clean Energy Business Interns**

NYSERDA has revised <u>PON 4000</u>: the <u>New York State Clean Energy Internship Program</u>, which provides funding to eligible clean energy businesses, organizations, and local municipalities to hire interns to perform meaningful work in the clean energy sector. Both clean energy businesses and intern candidates can apply to participate in the program. Accepted businesses will select, interview, and hire interns, and NYSERDA provides reimbursement on a percentage of the interns' wages.

#### **WNY Food Systems Map**

Explore our region's food systems through stories and maps. This mapping and stories website was built by the <u>Food Systems Planning & Healthy Communities Lab</u> at the University at Buffalo, in support of <u>Food Future Western NY</u>, a food systems assessment and planning initiative for the nine counties of Western New York. The assessment and planning initiative took place over 18 months, and brought together business, non-profit, government, and community stakeholders to create a cross-county, cross-domain vision and action plan. Check out the map.

# LEED Green Associate Training - Webinar and Online Self-paced Options

LEED Green Associate is a credential which will enhance your professional credentials, open doors to new job opportunities and help advance your career in the green building industry. Register for a live webinar or start today with an on-demand recorded workshop completed anytime at your own pace from Leading Green. Cost: \$200 - Students can use the coupon code 'green' for \$50 off (Discounted course price \$150). Save your seat by registering for our live or self-paced options. Please contact the instructor Lorne directly with any questions at info@leadinggreen.com

#### White Paper Release: The Circular Construction Economy in New York State and Beyond

Cornell University's Circular Construction Lab and Just Places Lab, and <u>CROWD</u> recently announced the publication of a white paper, "Constructing a Circular Economy in New York State: Deconstruction and Building Material Reuse."

The white paper envisions a transition from a linear construction economy based on a take-make-dispose model, to a circular construction economy focused on reduction, reuse, and recycling. It provides an analysis of the current linear construction economy, recommendations for how New York State can reduce waste from the built environment, and the potential benefits including increased revenue, green jobs, and reduction of greenhouse gas emissions. Read it <u>here.</u>

#### **Municipal Training Resources from LEWPA**

The Lake Erie Watershed Protection Alliance (LEWPA) has developed a webpage with 20-minute educational videos designed for municipal officials but are also informative for the public. Learn more about watersheds and the issues impacting water quality at <a href="https://www.tinyurl.com/municipaltraining">www.tinyurl.com/municipaltraining</a>.

## 2024 Statewide Greenhouse Gas Emissions Report

DEC issued the <u>2024 Statewide Greenhouse Gas Emissions Report</u>, which is required every year under the Climate Act to report statewide greenhouse gas emissions. The current report covers the years 1990 through 2022. In total, 2022 emissions are down 9.4% from the 1990 Climate Act baseline. Emission info will also be made available for download from <u>Open Data NY</u>.

### **Empire State Development Launches Small Business Environmental Support Office**

Empire State Development (ESD) announced the opening of the new Small Business Environmental Support Office (SBESO), designed to help small businesses understand and comply with federal and state environmental regulations involving air, water, solid and hazardous waste, petroleum and chemical bulk storage, and other important environmental standards. The new office will provide direct one-on-one guidance to small businesses across the state related to environmental regulations, balancing the States sustainability goals alongside New Yorks economic development goals. For more info, please visit <a href="estd.ny.gov/SBESO">estd.ny.gov/SBESO</a>.

# Subsidies Available to Help Food Services Switch from Single-use Plastics

The subsidy program by Plastic Free Restaurants is available to any food service establishment that currently gives single-use items containing either petroleum-based plastic or PFAS to its customers (or students), is willing and ready to switch to reusables, and is not required by (local, county, state) law to discontinue using the single-use plastic. **Review the guidelines at** <a href="https://www.plasticfreerestaurants.org/subsidy">https://www.plasticfreerestaurants.org/subsidy</a> to see if you are eligible and to complete the application.

# Environmental Issue: File a report to the DEC and/or U.S. Attorney's Office

See dark smoke or dust rising from an industrial site, or smell something foul? Visit <u>here</u> to file a DEC report, or, for rapid response, call 1-844-DEC-ECOS (1-844-332-3267) or the NYS Spill Hotline (1-800-457-7362).

# **EV Charging Funding Assistance**

Charge Ready NY 2.0 (PON 5367) is an incentive program that provides \$4,000 per charging port installed at a public facility within a DAC and \$2,000 per charging port installed at a workplace or MUD location upon completion of the installation of charging equipment and the provision of appropriate documentation. An additional incentive of \$500 per port may be awarded for eligible Level 2 charging equipment installed at a workplace or MUD location within a DAC. Equipment Owners at workplace or MUD locations may choose to participate in a bonus program to receive additional incentives. Public and private (for-profit and not-for-profit) entities may participate in the Program. Full program rules and procedures, additional information about the program, and lists of eligible EV charging equipment can be found at nyserda.ny.gov/Charge-Ready-NY.

#### **Reuse Action in Action: Source for Reusable Materials**

Reuse Action helps deconstruct buildings to return building materials to the supply chain. The store will also take your used furniture, cabinetry or building supplies. Don't send them to the landfill, donate them. Profits from sales put people to work! Check out <a href="https://www.reuseaction.com">www.reuseaction.com</a>, call the store at 716-894-3366, or stop by 980 Northampton Street.

#### Free Access to Parks, Campgrounds, and More for Veterans and Gold Star Families

New York State veterans and Gold Star Families will have free access to New York State parks, campgrounds, day use areas, historic sites and recreations through the expansion of the Lifetime Liberty Pass Program. All Veterans and certain Gold Star Family members who are residents of New York State are now eligible for this pass. Apply for the pass.

# Harmful Algal Blooms in 2024

A summary of Harmful Algal Blooms (HAB) reported during 2024 is available at <a href="https://dec.ny.gov/sites/default/files/2024-12/2024nyhabssummary.pdf">https://dec.ny.gov/sites/default/files/2024-12/2024nyhabssummary.pdf</a>. In Erie County, HABS were reported at: Clear Lake, Ellicott Creek, Unnamed water-Boston, Grand Island, Amherst, Western Barge Canal. In Niagara County, HABS were found at Hyde Park Lake, Bond Lake.

# **Cancer-Causing Chemicals in Dogs**

Keep your pets (and yourself) safe by avoiding some chemical use in your home and on your grounds. Check out the video <a href="https://www.youtube.com/watch?v=hexJtt\_FtTE">https://www.youtube.com/watch?v=hexJtt\_FtTE</a> for a veterinarian's discussion of these hazards.

#### Listen to the "DEC Does What?!" Podcast

Did you know DEC has a <u>bi-weekly podcast</u>? Each episode features conversations with DEC experts about the agency's wideranging efforts to protect New Yorkers and the environment. The most recent episode discussed how DEC how DEC works to strengthen relationships and engagement with Indigenous Nations on environmental issues, protection of cultural and historical resources, and development of policies around various areas, including environmental justice. Previous episodes discussed <u>recycling</u>, the <u>DEC fish hatcheries</u>, <u>harmful algal blooms</u>, <u>extreme heat</u>, and more. All episodes of "DEC Does What?!" are available on Apple Podcasts, Spotify, YouTube, Amazon Music, and all major podcast platforms.

#### **EPA Chemical Dashboard Available for Free Use**

The CompTox Chemicals Dashboard (Dashboard), built and maintained by EPA researchers, is well-designed and suitable for scientists to use in their research. The Dashboard includes information on over 1.2 million chemicals from different domains, including physicochemical, environmental fate and transport (i.e., where chemicals go and how they get there), exposure, usage, *in vivo* (in a living organism) toxicity, and *in vitro* (outside of a living organism) bioassay data. The Dashboard provides an interface that allows for an interactive user experience and is easy to navigate, even for users without any programming experience.

# Penn Dixie Receives Grant to Improve Park and Restore Ecosystem

Penn Dixie Fossil Park & Nature Reserve is thrilled to announce a new \$17,433 grant from the Great Lakes Commission (GLC) through Great Lakes Restoration Initiative in partnership with the United States Geological Survey (USGS). This funding supports the eradication of the invasive plant species Phragmites australis from the park through the Phragmites Adaptive Management Framework's (PAMF) Active Adaptive Management Program (AAMP).

The spread of *Phragmites australis*, an aquatic plant introduced to the U.S. from Europe, has posed significant challenges to native ecosystems across the country. Due to its rapid growth and dominance, it often outcompetes native plant species, disrupting the balance of otherwise thriving habitats. By removing this invasive species, Penn Dixie aims to dramatically enhance the biodiversity and health of its local ecosystem, a crucial development for the 54 acre park.

## Potential Link between Glyphosate and Alzheimer's

A study published in the *Journal of Neuroinflammation* reveals that the commonly used weedkiller glyphosate can accelerate Alzheimer's Disease (AD)-like pathology and cause lasting brain inflammation. Research has shown links between environmental exposure to toxins – through air pollution, poor dietary balance and agricultural chemicals – with the onset of neurodegenerative disease. While the U.S. Environmental Protection Agency (EPA) deems glyphosate safe for human exposure at current levels, the World Health Organization's International Agency for Research on Cancer classified it as "possibly carcinogenic to humans" in 2015. Beyond its potential link to cancer, recent research has highlighted glyphosate's effects on other parts of the body, including the brain. Glyphosate can cross the blood-brain barrier, a protective shield that typically prevents harmful substances from entering the brain.

#### **Edible Coffee Cups Could Reduce Disposable Items**

To help reduce the waste that is generated by soccer fans, Manchester City is serving hot drinks in edible coffee cups produced by BioBite as part of an effort to promote environmental sustainability and to minimize litter in general. The cups, which are vessels for hot beverages are made of wafer that remains crispy for at least half the duration of the game and leak-proof for up to 12 hours. To prevent the bottom of the edible cup from touching any questionable surfaces, the lower half of the cup is wrapped in a recycled paper label that can also be recycled again after the cup has been eaten. The wafer contains no sugar, wax, or artificial coatings, and is comprised of seven natural, vegan ingredients (mainly wheat flour, oat bran, and water). The cups taste like a thin cookie dunked in coffee and are only around 100 calories, but even if people prefer not to eat the cup, the club ensures that the cups can be disposed of as compostable waste stream.

# Importance of Preserving Biodiversity: Nature's Solutions

As society looks for options to address forever chemicals, polar bears may hold one answer. Despite thermal insulation provided by blubber and fur layers and low Arctic temperatures, their fur is typically observed to be free of ice. A recent study investigated the anti-icing properties of polar bear fur which exhibits low ice adhesion strengths comparable to fluorocarbon-coated fibers, due to their hair grease. Chemicals found in their greasy hair may offer healthier alternatives for coatings. For more, https://www.science.org/doi/10.1126/sciadv.ads7321

#### Food from CO2: Future Technology

Chinese researchers have developed an innovative method to convert carbon dioxide (CO2) and electricity into single-cell protein (SCP). The bioprocess uses a dual-reactor system that integrates anaerobic and aerobic processes. In the first phase, microbial electrosynthesis (MES) is used to convert CO2 into acetate, an essential intermediate. This acetate is then fed into the second reactor, where aerobic bacteria from the genus *Alcaligenes* produce SCP. The system has proven to be highly efficient, yielding an impressive protein concentration of 74%, significantly surpassing conventional protein sources like fish meal and soybean. This high-quality protein can be used as an additive in animal feed, improving livestock health and productivity. The process has large implications for using carbon emissions as well as reducing food insecurity.

#### **Environmental Value of Applying Compost**

The EPA released a new report titled The Environmental Value of Applying Compost: Improving Soil Health for Stormwater Management, Contaminated Site Remediation, Ecosystem Restoration, Landscaping and Agriculture. The report synthesizes the published science on the benefits of compost use in various sectors and examines potential benefits of increasing use of compost at scales that better align with the volume of organic materials (e.g. food waste) available for composting. Read the full report and visit the new webpage on the benefits of using compost for additional resources.

#### **Calculator for Food Waste Methane Diversion**

The EPA <u>Avoided Landfilled Food Waste Methane Emissions Calculator</u> is now available. The calculator can be used to estimate the methane emissions avoided per ton of food waste by diverting food waste from landfills over time. The calculator uses the same food waste and landfill characteristics as the 2023 <u>EPA report on methane emissions from landfilled food waste</u>, and also uses factors from EPA's Waste Reduction Model (WARM). Anyone can download and use the calculator, including state, Tribal and local governments, institutions, NGOs and private companies, and results may be useful for grant applications, program planning, and reporting.

## Free Webinars on Beekeeping Around the World

Penn State Extension offers free webinars on different methods used around the world. Previous videos are recorded, but you may <u>register</u> for upcoming talks.

# Opportunities for Ecological Restoration on the Voluntary Carbon Market

Climate leaders are integrating ecological restoration into net-zero strategies. A Carbon Direct report, in collaboration with Meta, aligns these goals with market demands, offering guidance for developers on best practices and market strategies to boost demand for projects that maximize climate and ecological benefits. DOWNLOAD

# Reducing Corporate Greenhouse Gas Emissions: A Guide to Scope 1, 2 and 3 Emissions

As public awareness grows around the issue of greenhouse gas (GHG) emissions, corporations are looking to reduce their carbon footprint and lessen their emissions impacts. Constellation's white paper, "Reducing Corporate Greenhouse Gas Emissions: A Guide to Scope 1, 2 and 3 Emissions" can help kickstart these efforts. Free download here.

# The Climate Education Policy Toolkit Is Now Available!

Regardless of your role, the resources within this Toolkit are designed to help you navigate the dynamic nature of state and local climate education policy, instigating change in a way that is tailored to suit your specific political landscape.

Access the Climate Education Toolkit

#### Free Poster Download: Popular Feeder Bird Visitors

Which birds flock to which feeders? Common feeder birds of both eastern and western U.S. and Canada are here to demonstrate in this free, downloadable poster.

# Student Suborbital Flight Opportunity: Cubes in Space!

NASA and iEDU Inc. invite educators to register for the free <u>Cubes in Space program</u>. Participants receive a course of activities that guide students to design experiments or technologies that connect to a real-world Earth or space-based problem or need. Selected experiments will be launched via a rocket from Wallops Flight Facility in Virginia as part of <u>RockSat-C</u> in late June 2025, or from a <u>high-altitude scientific balloon</u> in New Mexico in late August 2025. Register by **February 17**.

#### Licensed Guide, Falconry, Wildlife Rehabilitator, and Leashed Tracking Dog Handler Exams Scheduled

New York State Licensed Guide Exams are online, except for the in-person exam offered at the New York State Outdoor Guides Association (NYSOGA) winter rendezvous meeting on March 1, 2025. To register, visit the <u>Licensed Guide Exams</u> <u>Registration website</u>. Applicants will receive an email acknowledging registration with a one-time link to access the exam on the specified exam date. Falconry, Wildlife Rehabilitator, and Leashed Tracking Dog License Examinations are also offered on specific dates. To register, visit the <u>Special Licenses Registration Website</u>. Study materials for all exams are available online.

# **Teacher's and Home-Schooling Resources**

World Wildlife Federation Lesson Library-Choose from a variety of toolkits featuring information guides and activities about some of WWF's priority species and conservation goals. These subject-integrated lessons are perfect for school, home, or any learning environment and will leave kids with an understanding of how their actions help shape the future of nature.

<u>Printables: Wildlife Species Cards</u>- Explore a world of fascinating animals like the black-footed ferret and Asian elephant with a collection of species cards. These fun and educational printables showcase each animal's characteristics, behaviors, habitats, threats, and more. Kids can use cards to reinforce concepts, build vocabulary, and explore the animal kingdom at their own pace.

<u>Science Career Books for Kids</u>-Learn more about what it takes to be a volcanologist, disease ecologist, climate modeler, and many other careers through whimsical whiteboard animations and coloring pages from the USGS.

<u>Women in Oceans Careers</u>-What does it mean to be a woman in an ocean science career? What different career paths are available, and how does one get there? Hear from inspiring women working throughout the National Marine Sanctuary System.

<u>Nature's Benefits Card Game</u>-fun way to teach important lessons about ecosystems. Players explore how people benefit from nature, how our actions impact the benefits we receive, and how working together can sustain benefits for everyone.

Knowles Experiential Learning Project (KELP) Resource Bank- real-world lessons exploring the Galápagos Islands ecosystem. Designed for students in grades 9–12, but adaptable for middle and college levels, the lessons are anchored in real-world phenomena and address topics in biology, chemistry, physics, environmental science, Earth science, and mathematics.

<u>EarthEcho Water Monitoring Activities</u>- provides videos, data sheets, resources, and equipment to guide teachers and students in executing a water monitoring event. The materials are very user-friendly and students across many grade levels can learn and take action.

Animated Series-explore the ocean, weather and climate connection with Teek and Tom.

<u>NOAA's updated coral bleaching module</u>. New data visualization tools and an updated design make this resource more engaging than ever. With access to a range of historic and current data, you'll discover what's happening to coral reefs and how they're impacted by climate change. Perfect for sparking curiosity and building science skills!

<u>Crossword activity focused on endangered animals.</u> -Have students complete the puzzle and then read about one of the animals detailed in the puzzle to learn more about it.

<u>Effects of Climate Change on Agriculture</u> explores how changes in temperature, invasive species, and extreme weather events influenced by climate change will all impact growing food and raising livestock in North America. These lessons are great for 6th-12th grade students and follow Common Core State Standards.

"Invasive Shrimp: No Small Matter" introduces students to human impacts on ecosystems by discussing introduced versus invasive species, movement of aquatic species through global shipping channels, and methods scientists use to track species across the globe. Students will work in groups to track the movement of invasive Oriental grass shrimp (*Palaemon macrodactylus*) over time using the Global Biodiversity Information Facility (GBIF) database. Students will then use collection data to graph records by year and answer a series of questions.

<u>Biodiversity lesson plan</u> encourages students to explore biodiversity, including what it is, how human activities are putting it at risk, and what we can do to protect it. Students discover the wide array of organisms that populate our planet, research one of the almost one million species currently at risk, explore the diversity of life in their own backyard, and learn what they can do to lessen human impact on biodiversity. The lesson integrates STEM, English Language Arts, and Social and Emotional Learning.

Schoolyard Habitats® campaign and action cards allow students to learn about the habitat elements needed for wildlife to thrive while increasing native habitat and biodiversity. Plus, the school will gain an outdoor space for learning, support physical and mental well-being, and expand the community's green space. The new action cards provide the road map and resources for schools to complete the process from start to finish.

<u>The Nature Conservancy: Nature Lab Virtual Field Trips</u>-These virtual labs from TNC include videos, teacher guides, and student activities for ages 9-15 on topics from Colombia's páramo ecosystem to the secret life of corals.

<u>The Bee Conservancy: Classroom Resources</u>- inspire environmental stewardship, instill actionable knowledge about the world's 20,000 bee species, introduce factors that contribute to bee population decline, and describe kid-friendly ways to build habitat and food supplies that support bees.

<u>Food Solutions: Climate Change Action for K-2</u> focuses on food and climate, written by and for elementary educators!

<u>Facilitate Authentic Science Investigations with Students as Scientists</u>-Nature-based Inquiry unit guides your students through the full range of science practices, from asking their own questions to designing and carrying out studies to answer them. Choose the unit for your grade-band (K-5 or 6-12) and immediately gain access to 6 lessons and supporting resources.

Garden to Table -curriculum around growing food.

Additional resources

# **Contests, Fellowships and Awards**

World of 8 Billion student video contest has opened for the 2024–2025 school year. The contest challenges students to create a short video connecting world population growth to one of three global topics—Child Wellbeing, Rainforest Ecosystems, and Sanitation—and offer a sustainable solution. More than 80 cash prizes of up to \$1,200 will be awarded, and participating teachers will receive free curriculum resources matched to the *NGSS*. The deadline for video submissions is **March 5, 2025**.

Youth Design Challenge- Looking for a new way to blend biology, ecology, and engineering? The Biomimicry Institute's Youth Design Challenge is a project-based learning experience that asks middle and high school teams to design bio-inspired ideas that can provide solutions to critical real-world problems. Deadline for Peer Review: **April 30.** 

Monthly Buffalo Blueway photo contest! All you have to do is visit one of the amazing public Blueway sites around the Buffalo River, take a photo and upload it in the form below with a brief description. One entry per month. Our staff will pick our favorite and send that person a Buffalo Niagara Waterkeeper themed swag item. Each month we'll share some of the top images online with our followers and provide an image credit.

# **Grant and Scholarship Opportunities**

<u>Kids to Parks Day School Grants Program</u> awards under-resourced U.S. schools to help students discover and explore parks, historic sites, public lands, and waters. Title I, pre-K through 12 classrooms in the U.S. and its territories are eligible to apply for grants of up to \$1,000 for in-park experiences. Deadline: **February 7.** 

<u>Zabar Scholarships</u>- Preservation League of New York State is pleased to offer academic scholarships to support the next generation of preservation leaders. Three \$2,500 scholarships will be awarded during the 2025 spring semester to students currently studying preservation or a related field. Deadline is **February 14, 2025.** 

2025-2027 DINA Sustainable Food Systems and the new Focus on Foods Initiatives- \$410,000 will be awarded to eight grant recipients. Five of the grants will be awarded to five transdisciplinary teams that demonstrate a commitment to actionable and achievable projects that contribute to the nutritional health of adult populations. An additional three new grants, funded by FFAR, will go to three teams whose projects focus on agriculture communities. Application deadline is **February 14, 2025 at 5:00 p.m. EST.** 

<u>Sustain our Great Lakes</u>- designed to sustain, restore and protect fish, wildlife and habitat in the basin by leveraging funding, building conservation capacity, and focusing partners and resources toward key ecological issues. The program awards grants for on-the-ground habitat restoration and enhancement. Deadline: **February 16**.

<u>2026 National Sea Grant College Program John A. Knauss Marine Policy Fellowship</u>-Eligible graduate students interested in ocean, coastal, and Great Lakes resources and the national policy decisions affecting those resources can apply. Deadline: **February 19, 2025.** 

<u>Jeff Lawrence Innovation Fund, the Manufacturing Grants</u>- designed to encourage collaboration between not-for-profit organizations and small to medium-sized manufacturing companies in New York State. The grants serve as a resource to help companies achieve success from early stage, proof of concept through maturity. The partnership created with the not-for-profit organization serves as a pathway to technology transfer, adoption and implementation of new manufacturing processes, as well as the creation of enhanced products and services. Deadline: **February 19.** 

N. G. Kaul Memorial Scholarship- In honor of a former Director of DEC's Division of Water, up to \$5,000 in scholarships is available to students pursuing graduate or doctoral degrees in environmental/civil engineering or environmental science concentrating on water quality who show a commitment to government service. Deadline: **February 28, 2025, at 5 p.m.** 

NYS Wetlands Forum Student Research Grant- to support candidates in producing and sharing independent research focusing on wetlands. The Forum wishes to advance the development of emerging wetland professionals and the collective knowledge of New York State's wetland resources. Deadline: **February 28.** 

<u>Environmental Career Scholarship: NYWEA</u>- Multiple scholarships for those interested in environmental careers or public service. Deadline: **February 28.** 

<u>James G. Strickland Memorial NYSDEC Environmental Education Summer Camp Scholarship</u>-Air and Waste Management Association will award. Deadline: **February 28, 2025.** 

<u>Pollinator Habitat Enhancement</u>-The National Environmental Education Foundation is offering \$200,000 in grant funding to support shovel-ready pollinator habitat enhancement projects on public lands and must impact at least 500 acres. Letter of Intent due by **March 1**.

<u>Toshiba Grades 6-12 Teacher Grants</u>-Teachers can apply online for less than \$5,000 to help bring an innovative project into their own classroom for improving STEM (science, technology, engineering, and math) learning in your classroom, and your idea involves project-based learning with measurable outcomes. Deadline: **March 1**.

<u>Climate Smart Communities Initiative (CSCI) Grant</u>- to help communities accelerate their climate resilience plans and projects. The grants can help communities at any step in the planning process, and include funding, as well as training and technical support. The funding, anticipated at \$100,000 per award, can be used over a twelve-month period to advance activities ranging from risk assessments and community engagement to project prioritization and initial implementation. Deadline: **March 3, 2025.** 

<u>Tree City USA Quick Start Grant</u>-The New York State Urban Forestry Council grant to help municipalities establish a community forestry program and work towards becoming a Tree City USA community, which is a program of the Arbor Day Foundation. Communities can apply for up to \$1,000 to hold a tree planting event in the spring of 2025 celebrating Arbor Day and to work toward meeting the requirements to become a Tree City USA. Deadline: **March 6, 2025.** 

<u>Trail Town Grants</u>-PTNY will offer \$60,000 in competitive grants to support a broader initiative aimed at boosting local economies by leveraging visitation to nearby public lands. The grants can be used to promote place-making efforts, improve safety for pedestrians and cyclists, and implement community-driven projects that prioritize active transportation alternatives for cyclists and pedestrians. Deadline: **March 10.** 

<u>Urban Agriculture and Innovative Production grants</u>- provided to projects that increase food production and access in economically distressed communities, provide job training and education, and allow partners to develop business plans and zoning proposals. A <u>previously recorded webinar</u> will provide more information on what types of projects are eligible. Deadline is **March 10, 2025.** 

<u>Community Reforestation (CoRe) Grant Program</u> -will support planting new trees and restoring tree cover in natural areas in urban communities. Urban neighborhoods typically have lower tree canopy and heightened environmental challenges

compared to more rural areas. The majority of grant funding, \$12 million, is available for municipalities, Indian Tribes and Nations, and not-for-profit organizations to reimburse costs for projects to create new forests or restore forests impacted by invasive species or other environmental challenges. Deadline: **2pm on March 12.** 

<u>2025 Mutual of Omaha's Wild Kingdom College and University Grant Program</u>-National Wildlife Federation and Mutual of Omaha's Wild Kingdom support the efforts of the next generation of conservation leadership. To that end, we are collaborating on a series of grants that support universities and colleges throughout the country to showcase and fund innovative and solutions-based programs or strategies that help protect and/or restore wildlife and/or their key habitats. Faculty or staff, 18 years of age and older, from any college or university within the U.S. are eligible to apply. Applications are invited from faculty and staff in all disciplines. Deadline: **March 15.** 

Earth Day Grants-Air and Waste Management Association. Deadline: March 21, 2025.

Scholarships for <u>High School Seniors</u> and Scholarships for <u>College students</u> who are not graduating this year-Awarded by Air and Waste Management Association. Deadline: **April 4, 2025.** 

Student Mini-Grant-The Wayfinder Society Student Mini-Grants are available to students (ages 11-25) in the United States and across the globe looking for financial support for their personal education, school and community projects, internships, networking events, etc. connected to addressing the plastic crisis. Mini-grants range from \$300 – \$2000, and must be applied to your education, projects, or other efforts related to addressing the plastic problem and related environmental issues. Deadline: **April 15**.

NOAA Funding -for transformational projects that restore coastal habitat and strengthen community resilience. Projects selected through this funding opportunity will have a transformative impact for coastal communities and tribes across the country. They will help sustain our nation's fisheries, make significant strides in the recovery of threatened and endangered species, and help protect coastal communities and ecosystems from the impacts of climate change. They will support efforts such as reconnecting rivers to their historic floodplains, outplanting corals to rebuild reefs, building living shorelines that protect coasts from erosion and sea level rise, and more. Deadline: **April 16, 2025.** 

<u>Critical Material Innovation, Efficiency and Alternatives</u>-designed to conduct a program of research, development, demonstration, and commercialization to develop alternatives to critical materials, to promote their efficient production and use, and ensure a long-term secure and sustainable supply of them. **Rolling until funding allocation**.

<u>T-Mobile Hometown Grant Program</u> - Building community, together. We're focusing on revitalizing community spaces in towns with 50,000 people or less. Submit a proposal for a town project of your choice, and if selected, use the funds to get started. Deadline: **Quarterly** 

<u>The Story of Stuff Project Grassroots Grant Program-</u> BIPOC-led groups focusing on water privatization, plastic pollution, or environmental justice projects that are campaign-focused, community driven, and serve communities of color can receive up to \$5,000. Deadline: **Quarterly** 

<u>Community Heart & Soul Seed Grant</u> - The Community Heart & Soul Seed Grant Program provides \$10,000 in funding for resident-driven groups in small cities and towns to start the Community Heart & Soul model. Grant funding requires a \$10,000 cash match from the participating municipality. Deadline: **Ongoing** 

Amber Grants for Women-funds for women's businesses. Deadline: Ongoing with monthly and quarterly funding.

<u>Groundswell Grants for Black Buffalo</u>- stabilization funds awarded to Black-owned and Black-led nonprofits and small businesses working in East Buffalo. From payroll and operating expenses to essential supplies and facilities improvements, these investments help each organization thrive, both in the wake of trauma and well into the future, strengthening their ability to continue serving our shared community. Deadline: **Rolling.** 

<u>Kauffman Foundation Grants</u>-The Kauffman Foundation accepts new ideas and innovative project submissions throughout the year. They support ideas and solutions designed to improve education, boost entrepreneurship, and help communities and individuals thrive. Deadline: **Rolling.** 

The Story of Stuff Project Grassroots Grant Program-BIPOC-led groups focusing on water privatization, plastic pollution, or environmental justice are encouraged to apply. We support projects that value local community involvement and organizing, creative interventions, strategic thinking, and both defensive "fight-back" and offensive solutions-focused projects. Deadline: **Rolling** 

<u>Power of Youth Summer of Service Grants</u> - The Challenge will provide 201 grants to young people seeking to serve their communities. Young people ages 13-19 across the country are encouraged to apply now for the \$300 grants. Projects can address any issue/need that youth are passionate about. Deadline: **Rolling** 

<u>Climate Emergency Fund Grants</u> - The Climate Emergency Funds awards grants up to \$75,000 across four major campaigns: Confronting Media Climate Silence, Climate Emergency Campaigning, Building Movement Infrastructure, and Back To The Streets. Deadline: **Rolling** 

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

Global Youth Mobilization Grant-Do you have an idea for a solution to overcome a community challenge created by the COVID-19 pandemic? Any young person between the ages of 14 - 30 can apply for funding from \$500 -\$5,000. Deadline: **Rolling.** 

<u>The Pollination Project Grants</u> 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** 

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

<u>H20 for Life Mini-Grants</u> 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** 

<u>Toyota 4Good Grants-</u> Projects that are needed and will help contribute to the long- term sustainability of the community. Deadline: **Rolling**.

<u>The Kars4Kids Small Grant Program</u> 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.** 

<u>Avantor Foundation Science and Technology Education Grants</u> funds community-based organizations that teach science and technology to underserved high school students. Eligible applicants are invited to submit a Letter of Intent via email. Deadline: **Rolling**.

<u>NIEHS Conference Grants</u>-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. 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.** 

<u>Saving Species</u>- 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.** 

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). **Rolling** 

<u>Youth Pollinator Gardens Grant</u>- up to \$200 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, and provide detailed information about the project.

<u>Cornell Douglas Foundation</u>- 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.** 

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

<u>Food Waste Grants</u> –reimburses businesses that generate over one ton of food waste per week to offset cost of select technologies and equipment that reduce or divert that food waste from landfill or incineration. Projects must reduce and/or divert wasted food at a NYS business including supermarkets, restaurants, and hospitals. Deadline: **Rolling.** 

<u>VolunTEEN Nation International Service Project Grants-</u> Students (ages 13-22) from the US going abroad to volunteer or study in a developing country are encouraged to apply for an international service-learning mini-grant. 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.** 

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

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

<u>Doris Duke Environment Program Grants</u>-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**.

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

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

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

<u>J-Serve Start-Up Grants</u>-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**.

<u>Staying Bothered Foundation</u>-grants to nonprofits that have shown transformative leadership in the areas of education, mental wellness, and gender equity. Application deadline: **Rolling**.

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

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

<u>Cisco Global Impact Cash Grants</u> support nonprofit organizations in the U.S. and worldwide that provide assistance to underserved populations and leverage technology solutions to improve the reach, efficiency, and impact of services. Deadline: **Rolling**.

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

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

<u>Home Depot Community Impact Grants</u>-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.

<u>Fluor Foundation Grants</u>—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.** 

<u>Youth Outdoor Equity Leadership Fund</u>- The Children & Nature Network invites young leaders between the ages of 16 and 30 to request up to \$500 to grow professionally as a leader in the movement or to implement projects that create change in equitable access to nature, community health and well-being, and justice. Deadline: **Ongoing.** 

# **Employment and Internship Opportunities**

<u>Urban 4-H Educator</u>- Join us to inspire and engage youth in urban areas of Erie County! Lead highly interactive afterschool programming focused on building youth leadership skills to positively impact their communities as well as inschool programming that gets youth of color excited about farming. Deadline: **February 4**.

Information Technology Specialist: Eric County- for Stormwater Management Mapping, Deadline: February 6, 4PM.

Environmental Specialist 1/Trainee- NYS Dept. of Transportation. Deadline: February 6.

<u>WNY PRISM Field Crew Leader</u>- full-time, temporary position with an expected timeframe of March 31 – October 10, 2025. Deadline is **Friday, February 7, 2025.** 

<u>Association Operations and Development Manager</u> - Cornell Cooperative Extension of Niagara County has an opening for an Operations and Development Manager working full-time, on-site from the Lockport office. Deadline: **February 11.** 

Development Director-Massachusetts Avenue Project. Deadline: February 14.

<u>Watercraft Inspection Steward/Environmental Educators</u>-The WNY PRISM Watercraft Inspection Steward Program Applications will be reviewed beginning **Monday, March 3, 2025.** 

Education and Outreach Assistant: WNY PRISM Education Deadline: March 3, 2025.

Invasive Species Management Assistants: WNY PRISM, 3 positions. Deadline: March 3, 2025.

<u>Nature Educator Internship</u>-Jamestown Audubon. Help connect kids to the natural world in this summer internship. Lead discovery-based fieldtrips to the nature center then jump in as a counselor for a play and exploratory weekly summer camp. Deadline: **March 3.** 

<u>Visitor and Member Services Coordinator</u>-Explore Buffalo.

Facilitator of Learning- Tifft Nature Preserve, seasonal

Exhibit and Interpretation Specialist -Botanical Gardens

**Event Coordinator- Botanical Gardens** 

Horticulture Assistant-Botanical Gardens

<u>Vice President of Engagement</u>- Botanical Gardens

Exhibits Manager- Buffalo Museum of Science.

<u>Communications & Development Director</u>- Field and Fork Network to lead our team in shaping strategic communications, driving fundraising efforts, and building strong relationships with key stakeholders.

<u>Temporary Project Field Technician</u> (Cornell Cooperative Extension); Southwest New York-This is a six-month (39 hours/ week) appointment with possible extension depending on funding and performance. This position will be located in the Southwest New York Region of New York State (Erie, Chautauqua, Cattaraugus, Allegany, and Steuben Counties).

Nature-Based Learning Manager- Rochester Ecology Partners

Produce Packing Coordinator and Delivery Driver- FreshFix is a small business working with local farms.

Operations Assistant- Buffalo & Erie Botanical Gardens

Assistant Curator- Buffalo Zoo

Animal Keeper 3 and Team Lead Primate- Buffalo Zoo

Behavior Assistant- Erie County SPCA

ACCESS Team Coordinator- Erie County SPCA

Animal Care Manager-Erie County SPCA

Community Support Services Consultant-Erie County SPCA

**Education Program Specialist**-Erie County SPCA

Marketing and Communications Coordinator: Buffalo Central Terminal- Until filled.

EcoVerde Organic Compost Crew Member/Driver/ Laborer- Full-time & Part-time available

Midwestern Regional Climate Center - Paid summer internships for 2025

Paid White House Internships- numerous council opportunities, varied deadlines.

#### Sustainability Intern: Gibraltar Steel

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

<u>Paid Internships in the Energy Sector in NY</u>- you will gain hands-on experience in the growing clean energy sector as either a part-time or full-time paid intern in one of many potential roles.

<u>Clean Air Coalition Internships</u>-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.

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

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

<u>EquiStar Intern</u> will assist both the Program Coordinator and Barn Manager in providing a therapeutic riding program during the summer sessions.

<u>Asha Farm Sanctuary Interns</u>- Asha's Farm Sanctuary provides a hands-on learning experience for students enrolled in colleges, universities, and trade schools.

# **Citizen Science**

Global Earth Challenge-Collecting data from multiple citizen science projects. See how you can be involved.

<u>Hemlock and HWA Hunters</u>-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.

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

<u>Tree Pictures for NASA Data Verification</u>- 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, and tree.

Salt Watch- Take the pledge and collect data on your local waterways to monitor road salt effects.

<u>Record Your Squirrel Observations</u>-People of all ages are encouraged to contribute to Project Squirrel, a citizen science project that has been operating since 1997. Join Project Squirrel by recording squirrel observations, sharing squirrel stories, sharing squirrel photos, or contributing data to an experiment using food patches.

Other Citizen Science Programs

https://www.neefusa.org/story/environmental-education/how-participate-citizen-science-all-year-long

# **Upcoming Community Activities:**

Saturday, February 1

**National Serpent Day**-9:30am. Come celebrate National Serpent Day by learning about snakes of New York State in an indoor presentation followed by a guided walk. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

**Woods Walk: Winter Warriors**-1pm. Look for and learn about the animals that carry on throughout the cold winter season. No registration required. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

**Gardening Workshops: Planning your flower garden-**12:00 pm – 2:00 pm. Everything you need to know to have beautiful blooms through the year in your flower garden. This class will be held at MAP (Massachusetts Avenue Project) 387 Massachusetts Ave., Buffalo, NY with David Clark and Patti Jablonski-Dopkin. For information and to register go to: https://www.grassrootsgardens.org/workshops

**Learn to Cross-Country Ski-**10:00 AM - 11:30 AM at <u>Evangola State Park</u>. Learn the basics of cross-country skiing before going on a short, guided ski tour at Evangola State Park. Ages 10 and up. Equipment provided; sizes are limited. Minimum of 6 inches of snow required for program. Registration required on <u>Eventbrite.com</u>.

**Frosty Falls Walk**-10:00 AM - 11:30 AM at <u>Niagara Falls State Park</u>. Goat Island turns into a frosty, frozen world as the temperature drops... but the Falls keep flowing! Join a Park Naturalist to explore these breathtaking, but chilly views! Registration required on <u>Eventbrite.com</u>.

**Snowshoe & Ice Volcano Walk-**01:00 PM - 02:30 PM at <u>Evangola State Park</u>. Experience the winter season to the fullest with a guided snowshoe trek on the forested trails of Evangola. If conditions permit, we will end the hike by discovering the frozen marvels of Lake Erie's ice volcanoes! Snowshoes, snow permitting. Registration required on Eventbrite.com.

**Nature Jeopardy**-01:00 PM - 02:00 PM at <u>Niagara Falls State Park</u>. Come join us for a fun and competitive game of Jeopardy about some of the region's natural mysteries! Registration required on <u>Eventbrite.com</u>.

Blueberry Growing at The Gardens of Colehill -Join Master Gardener volunteers at 10am on the first Saturday of each month as they teach about various gardening topics. All classes will be held at Orleans County CCE, either in the Education Center. Class size is limited, pre-registration is required. Suggested donation: \$5 per class. Register by calling 585-798-4265 or emailing <a href="mailto:klo54@cornell.edu">klo54@cornell.edu</a>. Presenter: Alana Fabry. How a small, environmentally-conscious farm- grows an exceptionally delicious crop. Hear our story of growing, learning, & the blood sweat and tears that goes into a labor-intensive business and an authentic gathering experience.

**Birding at Beaver Island State Park-**10:00 AM to 12:00 PM, Meet at Marina Parking Lot. Join Buffalo Audubon along the Niagara River at the southern end of Grand Island. A Globally Important Bird Area, the Niagara River is the winter home to thousands of geese, ducks, swans, and other water birds. Meet at the Marina Parking Lot. Binoculars and a Spotting Scope will be available. Buffalo Audubon Members - \$10.00, General Admission - \$15.00 Register.

**Bike Drivetrain Class-** 10am to 11:30pm at 313 Broadway, Buffalo. We'll go over all the parts that make the bike go. In this class, we'll cover troubleshooting, common problems and solutions, and preventative maintenance. <u>Info and Register.</u>

#### Sunday, February 2

**Woodchuck Walkabout-**10:00 AM - 11:30 AM at <u>Knox Farm State Park</u>. Groundhog or woodchuck? Whether they are casting shadows or not, dive into the delightful lore of Groundhog Day! Discover why these fuzzy rodents matter while taking a winter stroll around the park. Registration required on Eventbrite.com.

**Groundhogs Day-**01:30 PM - 02:30 PM at <u>Niagara Falls State Park</u>. Celebrate Groundhogs Day with an educator to learn all about our local squirrels, including the largest ground squirrel in North America – the groundhog! Registration required on Eventbrite.com.

**The Subnivean: Winter's Hidden World -**10:00am - 12:00pm at Franklin Gulf - Meeting Location: Franklin Gulf Park, Larkin Road Parking. Have you ever asked where all the small critters go in the winter? Have you ever seen tunnels in the snow and wondered where they came from? How do trees play a part in winter travel for wildlife? Join Ranger Adam and get all of these questions answered by discovering the secrets of the subnivean!

## Register for The Subnivean: Winter's Hidden World ~ Franklin Gulf Park ~

## Monday, February 3

STAMP Public Hearings- Genesee County Economic Development Center will host a series of public hearings on proposed incentives to each of the three investor groups currently applying to site a data center at STAMP, located. The Western New York Science and Technology Advanced Manufacturing Park (STAMP) project is a proposed 1,263-acre industrial "mega-site" located in Alabama, NY, next to the Tonawanda Seneca Nation, and surrounded by the Iroquois National Wildlife Refuge, Tonawanda Wildlife Management Area, and John White Wildlife Management Area. If you're able to attend the hearing in person, please come express your comments. You can also tune in to the livestream. Hearings are at 2pm - Project Potentia, formerly Hydroscale, 3pm - Project Rampart and 4pm - Project Double Reed at Town of Alabama Fire Department, 2230 Judge Road, Alabama, New York 14013.

# Tuesday, February 4

**Toddler Time: Snow Birds!-** 10:30 AM to 11:30 AM at Beaver Meadow Nature Center. Join Naturalist Breton for a snow-themed story, craft, and snack! Ages 2-5. Each Ticket includes a child and guardian. Buffalo Audubon Members - \$10.00, General Admission - \$15.00 Register.

**IMAGINE Buffalo Speaker Series: TBA-**Join us on Tuesdays at 12:30 p.m. via Zoom for the IMAGINE Buffalo Speaker Series! Free & open to the public. Zoom link: <a href="https://us02web.zoom.us/j/82337135924">https://us02web.zoom.us/j/82337135924</a>

**Boat Shop Tour: Buffalo Maritime Center-** 6pm. 90 Arthur Street, Buffalo, NY 14207. Join us to explore 90 Arthur St. boat shops and foundry. Learn the history of the boats we're working on! This includes the Armed Sloop *USS Trippe*, a Rozinante Canoe Yawl, and many more! The tour will be about 40 minutes. The facility, including our museum and gift shop, will also be open to explore. Parking is available between the shop and the sidewalk, along Arthur Street, and in our enclosed boat yard.

## Wednesday, February 5

**GBNRTC Planning and Coordinating Committee (PCC) Meeting-**9:30am *meeting will be broadcast live for public viewing on GBNRTC's Facebook Page <u>facebook.com/GBNRTC</u>. Discussion of transportation events, planning initiatives, and projects with <u>GBNRTC Member Agencies</u>. PCC meetings are usually held the first Wednesday of every month (see our event calendar for specific times and locations).* 

**Frontiers in Forest Health: Jumping Worm-**8 to 9am webinar. Discover the looming threat of jumping worms (*Amynthas spp.*), a new invasive species rapidly spreading across Eastern North America. These highly destructive earthworms destabilize soil health, jeopardizing gardens, forests, native earthworms, and even trees. Free for no credit.

**Behind-the-Scenes Collections Tours: Geology Rocks-**Science Museum from 6 to 7:30pm, Ages 18+.Holmes! What kind of rock is this? Sedimentary, my dear Watson. Learn why this and other CoRn Y jokes are funny by investigating the Museum's Geology Collection. What you see on display is just the tip of the iceberg. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. Register.

**Reimagining Black Futures in Buffalo**- 6pm, 403 Hayes Hall, UB South. Part 1: This panel, part of the School's programming for Black History Month, aims to understand, explore, and discuss a series of contemporary projects in the city of Buffalo through the lens of both opportunities and challenges.

#### Thursday, February 6

**Orchard Park Garden Club: flower design-** 11:30 am at the American Legion Hall, 5784 Ellis Road, Orchard Park. The program, "Iron Chef Flower Design Style," will feature members creating floral designs for judging. Refreshments will be served. For more information, call Sharon at 716-674-0446.

**Wellness Walks**-10am to noon. Drop by Tifft Nature Preserve every Thursday and join us for a casual volunteerled tour of the Preserve. **Ages:** All Ages, **Cost:** FREE. *Please call 716.825.6397 to confirm walk will take place.* 

**Great Backyard Bird Count Webinar-** 7pm. Join us for a live event to learn about how to participate in the Great Backyard Bird Count. We'll have experts from Audubon, Birds Canada, and the Cornell Lab to share tips and tricks for participating. Two California educators will also share their expertise in how to engage children and young adults in the weekend bird-bonanza! We are offering two times slots (2/12 as well). Register.

Wetlands of Unusual Importance and NY's Freshwater Wetlands Regulations-noon-1:30 pm. Conservation and Land Use Webinar Series. Major changes in New York's Freshwater Wetlands regulations took effect Jan. 1, 2025, implementing amendments to the Freshwater Wetlands Act that passed in 2022. This webinar will cover the diversity and importance of wetlands with a focus on the Hudson River Estuary watershed; details of the regulations now in effect; the process for jurisdictional determinations; and how to use the new informational wetland maps.

**Planning Your Vegetable Garden Workshop (New Date Added!)-**5:30 to 7pm. A free Planning Your Vegetable Garden Workshop, which will be held at MAP. Spots fill up fast - RSVP by emailing events@grassrootsgardens.org to register, or visit grassrootsgardens.org/workshops for more info

**Right Plant, Right Place Garden Talk-**12 to 1pm webinar. <u>Register.</u> Master Gardener Denise K. will be your host for "Right Plant, Right Place." Did you know that plants have preferences for the types of sites where they prefer to grow? Denise will discuss how soil influences your garden plants, as well as what other basic environmental factors influence plant growth. By understanding your site, you will be able to pick the right plants to match your growing conditions. The Garden Talk series is free.

#### Friday, February 7

**Buffalo Geological Society Meeting-** 7:30pm. Speaker: Dr. Kevin Williams, Heritage Discovery Center, 100 Lee Street, Buffalo NY.

**Friday Morning Birding: Beaver Meadow-** 8:00 AM to 9:30 AM. Meet outside Nature Center. Join us for weekly birding with Buffalo Audubon Senior Naturalist Tom Kerr. Each week will highlight the seasonal birds at Beaver Meadow. Binoculars are available. Buffalo Audubon Members – Free, General Admission - \$10.00. Register.

Snowy Owls & Lemmings: 35 Years of Predator-Prey Dynamics in the Arctic-6pm, 121 Cooke Hall UB North (zoom option). Denver Holt, founder of the Owl Research Institute (ORI), will share insights from 35 years of dedicated snowy owl research in Utqiagvik /Barrow, Alaska highlighting the intricate relationship between snowy owls and their lemming prey, and explore the alarming declines both species have faced at that location over the recent decades. Holt will discuss the critical role of predator-prey dynamics in Arctic ecosystems, the potential causes of these population shifts, and why understanding these changes is essential for conservation efforts. This presentation offers a rare glimpse into the nuances of Arctic wildlife and the ongoing challenges they face. https://buffalo.zoom.us/j/94417341131?pwd=FvfbXWlxegJBzeQxPtqY0P9XwTyGf1.1

Luminary Walk -6 to 8:30pm at Iroquois National Wildlife Refuge. Registration required. Parking is limited. Please sign up only for the number of vehicles you are bringing, not the number of people. This event is happening on both February 7th and 8th from 6pm-8:30pm with several 30-minute arrival windows. After arriving during the window you signed up for you may stay as long as you'd like. Embark on a magical self-guided Luminary Walk, where our HQ trail will be adorned with glowing luminaries, creating an ethereal pathway through the wildlife refuge. Guided by the captivating radiance of the luminaries, participants will experience the serene beauty of the nighttime landscape and listen to the subtle sounds of the nocturnal world, offering a unique way to connect with your local wildlife refuge. The Visitor Center and Flyway Nature store will be open with activities for all ages, hot beverages and snacks provided, and restrooms will be available! This event is free and open to all! 1101 Casey Road, Basom, NY 14013.

#### Saturday, February 8

**Rodents of Reinstein Woods**-10am. Squirrels and groundhogs and beavers, oh my! Learn what a rodent is and what these creatures do during the winter season. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Winter Gulls, Ducks, & Terns-11:00 AM - 12:00 PM at <u>Niagara Falls State Park</u>. A short introduction to some of the winter gulls, ducks, and terns in the Niagara Region, identification, life histories, and some fun facts. We will also cover some of the best viewing spots. Registration required on Eventbrite.com.

**Jeop-Birdy-**01:00 PM - 02:00 PM at <u>Niagara Falls State Park</u>. Come join us for a fun and competitive game of Jeopardy revolving around the birds of the Niagara Region! Registration required on <u>Eventbrite.com</u>.

Miles of Ice-03:00 PM - 04:00 PM at <u>Niagara Falls State Park</u>. Come warm up inside and learn about how glaciers have formed our region and the current state of Earth's remaining glaciers. Registration required on Eventbrite.com.

**Superb Owl Saturday: Owl Pellet Dissection-**1:00 PM to 3:00 PM at Beaver Meadow Nature Center. Meet our Eastern Screech-owl Ambassador Zelda, and learn all about our local Owls and what they eat by dissecting an owl pellet! \$10.00 - Buffalo Audubon Members, \$15.00 - General Admission. Register.

**Superb Owl Saturday: Owl Prowl-**7:00 PM to 9:00 PM at Beaver Meadow Nature Center. Bring a flashlight and join Buffalo Audubon Senior Naturalist Tom Kerr for a Nocturnal Hike at in search of the Superb Owls that make their home at Beaver Meadow. Space is Limited! \$15.00 - Buffalo Audubon Members, \$20.00 General Admission. Register.

Winter Birding-10:00am-12:30pm at Beaver Island State Park, Grand Island. Join Earth Spirit staff at Beaver Island State Park as you learn birding skills on a quest to find winter birds along the beautiful Niagara River and its surrounding habitats. Winter waterfowl will be the focus of this program. This program is for birders of all skill levels. Please dress for the weather and wear boots, gloves, a hat, and warm layers! Binoculars will be provided for all participants, but feel free to use your own! <a href="REGISTER">REGISTER</a>

**Family Workshop: Bridging the Gap-**Science Museum from 11:30 a.m. - 12:30 p.m. All ages. Calling all budding engineers! Learn the foundations of building strong structures and try your hand at a series of engineering challenges! <u>Register.</u>

**Family Winter Twilight Hike-**Tifft Nature Preserve, 4 - 5:30 p.m. for All Ages. Embrace the golden hour of winter light on a guided twilight hike through woods and boardwalks in search of seasonal wildlife. Register.

**Bike Flat Repair Class-** 10am to 11:30pm at 313 Broadway, Buffalo. Learn the ins and outs of fixing a flat. Includes hands-on instruction on tube patching and tube and tire removal and reinstallation. We will also discuss different types of punctures as well as flat prevention. Info and Register.

**Challenge Hike Training -** 10:00 AM @ Tow Path Park, foot of Hertel Ave. If you're planning to complete any challenge hikes this summer, we have an excellent opportunity for you to train with fellow hikers! Join us on February 8th for our first hike, covering 3.25 miles. Watch for information on additional hikes each month as we increase the distance, with a goal of 15 miles by July. Don't miss out on this chance to prepare and connect with others! <a href="https://bwell.community/news-events/">https://bwell.community/news-events/</a>

Luminary Walk -6 to 8:30pm at Iroquois National Wildlife Refuge. Registration required. Parking is limited. Please sign up only for the number of vehicles you are bringing, not the number of people. This event is happening on both February 7th and 8th from 6pm-8:30pm with several 30-minute arrival windows. After arriving during the window you signed up for you may stay as long as you'd like. Embark on a magical self-guided Luminary Walk, where our HQ trail will be adorned with glowing luminaries, creating an ethereal pathway through the wildlife refuge. Guided by the captivating radiance of the luminaries, participants will experience the serene beauty of the nighttime landscape and listen to the subtle sounds of the nocturnal world, offering a unique way to connect with your local wildlife refuge. The Visitor Center and Flyway Nature store will be open with activities for all ages, hot beverages and snacks provided, and restrooms will be available! This event is free and open to all! 1101 Casey Road, Basom, NY 14013.

#### Sunday, February 9

Winter Photography Walk-Niagara Falls State Park. Join a Park Naturalist for a winter photo stroll through icy Niagara Falls State Park. Registration required on <a href="Eventbrite.com">Eventbrite.com</a>.

**Snowshoe/Winter Hike-**11:00 AM - 12:30 PM at <u>DeVeaux Woods State Park</u>. Take a winter hike through DeVeaux Woods and learn the basics of snowshoeing with a Park Naturalist. Registration required on Eventbrite.com.

**Animal Track** -10:00am - 12:00pm. Join Ranger Adam for a winter hike through Sprague Brook Park in search of animal tracks and signs! Learn how to identify many animal footprints so you can learn what's in your own backyard! What if there isn't snow or mud to help see the animal tracks? Ranger Adam will teach you what to look for to determine what creatures have been through your area! Register for Animal Track ~Sprague Brook Park ~

# Monday, February 10

**Birds on the Niagara: Feathers on the Niagara River-**10:00 AM - 12:00 PM at <u>Beaver Island Nature Center</u>. Join a naturalist with a spotting scope in the southernmost loop in Beaver Island State Park to view the migrating waterfowl on the Niagara River. Registration required on Eventbrite.com.

**Restoring and Maintaining Native Grasslands-**3 to 5pm webinar. Explore the ecological importance of native grasslands in this engaging webinar, tailored for anyone interested in conservation or sustainable landscaping. Participants will learn practical techniques for replacing traditional lawns with native grasses, creating spaces that support biodiversity and attract wildlife. The session will also cover strategies for restoring and maintaining larger grassland areas, providing insight into how these landscapes benefit species of conservation concern. Register.

**Restoring and Maintaining Native Grasslands-**3 to 5pm webinar. Explore the ecological importance of native grasslands in this engaging webinar, tailored for anyone interested in conservation or sustainable landscaping. Participants will learn practical techniques for replacing traditional lawns with native grasses, creating spaces that support biodiversity and attract wildlife. The session will also cover strategies for restoring and maintaining larger grassland areas, providing insight into how these landscapes benefit species of conservation concern. Register.

# Tuesday, February 11

**Winter Tree ID**-1:30pm. Don't know the difference between a spruce and a pine tree? Come learn how to identify local trees in winter on this guided walk. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

**Beginner Bird Walk**-04:00 PM - 05:30 PM at <u>Niagara Falls State Park</u>. Join a Park Naturalist to learn the basics of birding, with a focus on waterfowl and gulls in preparation for the Birds on the Niagara Festival. Binoculars provided. Registration required on Eventbrite.com.

**IMAGINE Buffalo Speaker Series: TBA-**Join us on Tuesdays at 12:30 p.m. via Zoom for the IMAGINE Buffalo Speaker Series! Free & open to the public. Peter Godfrey, Partner, Hodgsen Russ Zoom link: https://us02web.zoomB.us/j/88466500167

**ADK February Meeting -** Joshua Konovitz, CERP, CNLP, owner of Druid, co-owner of Ecos, and member of the local Wild Ones chapter. At 7:30 pm, Joshua will present "Can't See the Forest for the Trees" where he'll discuss differing views on forests and how they are managed for use by people and wildlife. This saying has long been used to describe a situation where the big picture is missed because the whole is more than just the sum of its parts. This is as apropos now as ever. The forest is more valuable than the trees that comprise it, and we have to consider how our management impacts the ecological trajectory of the community. Every action has costs and consequences, and there is no one-size-fits-all solution to forest management. Let's explore a variety of management strategies and how they impact and influence the current and future states of a forest community, and our perceptions of them. The Church of Nativity 1530 Colvin Blvd, Tonawanda, NY.

**Niagara Frontier Botanical Society: "The Bruce Beckons-7**:30 p.m. at the <u>Harlem Road Community Center</u>, <u>4225 Harlem Road</u>. A Tribute to Sheldon Merritt, Part I:" Speaker will be Wayne Gall. The late Sheldon Merritt was a 3-term president of the Buffalo Audubon Society and a noted WNY naturalist. He spent much of his life exploring the Bruce Peninsula which separates Georgian Bay from Lake Huron in Southern Ontario. Wayne will showcase the ferns, orchids, and wildflowers which captivated Sheldon as he roamed from Owen Sound to Tobermory.

Getting the Word Out on Habitat Fragmentation: Let Salamanders Do the Talking-3:30-4:30 pm for Women in Science Webinar Series. How can we excite, empower, and catalyze communities to care about habitat fragmentation? How do we shift an otherwise abstract concept to an understood wildlife threat in need of conservation solutions? Approaching its 17th year, the AM&RC volunteer project not only addresses immediate threats of road mortality to migrating amphibians but also raises awareness and sparks public interest in elusive elements of biodiversity and uses volunteer data to inform conservation priorities. Salamanders may be quiet, but they can be a real conversation starter.

# Wednesday, February 12

**Brains & Grains: Explore Buffalo Trivia at Duende -** 6 to 8pm. Trivia Admission is \$10 per person - your first drink (beer or wine) is included! Space is limited at Duende and we typically sell out. Registering together as a team all on the same order is helpful as we'll reserve a table for your group (if you sign up as a group of 4, we'll reserve a table for 4 for you). Trivia content will be a mix of Buffalo history and general trivia, including current events. Tickets. Duende at Silo City, 85 Silo City Row, Buffalo, NY 14203.

**Great Backyard Bird Count Webinar-** 3pm. Join us for a live event to learn about how to participate in the Great Backyard Bird Count. We'll have experts from Audubon, Birds Canada, and the Cornell Lab to share tips and tricks for participating. Two California educators will also share their expertise in how to engage children and young adults in the weekend bird-bonanza! Register.

**Developing the Offshore Wind that Birds Need**- 4pm webinar for overview of Audubon's recent report making the case for responsibly sited offshore wind to reduce risks to birds. <u>Register.</u>

Wild Side of Love-6pm. Join us for an intimate evening of talks about the "birds and bees" of the animal kingdom that supports the Buffalo Zoo! Buffalo Zoo President and CEO Lisa Smith will lead this adults-only presentation that discusses mating battles to subtle courting rituals, and how some of the Zoo's most popular couples show affection. Purchase your tickets here.

**SciNight: Lonely Hearts Dissection\*-**Science Museum from 6 to 7:30pm. Ages 18+. Have your heart set on something fun and unique to do? Find out if hearts truly have heartstrings, explore chambers, sizes and history while taking a knife to the heart (not yours!). Also - discover Buffalo's local connection to pacemakers and medical engineering! Beat the February blues in this hands-on dissection workshop. <u>Register.</u>

**Reimagining Black Futures in Buffalo**- 6pm, 403 Hayes Hall, UB South. Part 2: This panel, part of the School's programming for Black History Month, aims to understand, explore, and discuss a series of contemporary projects in the city of Buffalo through the lens of both opportunities and challenges.

**Virtual Panel Discussion: Erie County Forest Management Plan Update-** informational webinar and panel discussion on February 12<sup>th</sup> from noon to 1:30pm on the <u>Erie County Forest Management Plan update</u>. You must <u>register</u> to attend this webinar at <a href="http://bit.ly/fmpwebinarreg">http://bit.ly/fmpwebinarreg</a>. Topics will include: Climate Adaptation, Deer Management and Forest Ecosystem Management in a Changing Environment. Our speakers will share key issues surrounding their topic and how they relate to forest management. At the end, they will open the discussion up to questions you may have.

**Hamburg Garden Club**-Noon at VFW Post 1419 Hamburg 2985 Lakeview Road, Hamburg. The Hamburg Garden Club will hold their monthly meeting at noon at the VFW Post 1419, 2985 Lakeview Rd., Hamburg. This is also their membership tea. Take your own place setting and a dish to pass. Guests are welcome. If you are interested in joining the meeting, please make your reservation at <a href="longburler4@gmail.com">longburler4@gmail.com</a>.

WNY Stormwater Coalition Meeting-2 to 3:30pm. For zoom, contact mary.macswan@erie.gov.

#### Thursday, February 13

**Science in the Pub-**7:00 pm via Zoom. What Darwin Can Teach Us about Today's Students, and Where Are We on Teaching Today's Students about Darwin? - Dr. Jason R. Wiles. Register

**Full Moon Valentine Meander\*-**Tifft Nature Preserve, 7 - 9 p.m. Ages 18+. Grab your favorite someone and enjoy the crisp night air while we stroll through Tifft's trails and end with a hot cocoa bar, DIY chocolate-covered strawberries station, and make-your-own Valentine's Day cards in Tifft's cozy Education Center (snowshoe rentals are additional \$2 per person, weather permitting). Register.

Wellness Walks-10am to noon. Drop by Tifft Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Ages: All Ages, Cost: FREE. Please call 716.825.6397 to confirm walk will take place.

**Green Drinks**- 5:30pm at Froth (700 Military Rd, Buffalo, NY 14216). The event is also listed on <u>Facebook</u> and on the <u>Green Drinks webpage</u>.

# Friday, February 14

Courses in the Conservatory at the Gardens- 5:00 pm – 10:00 pm. Looking for something unique and romantic to surprise your Valentine, a loved one, or a friend? Courses in the Conservatory is back. Spread some love and take them to the <u>Buffalo and Erie County Botanical Gardens</u> for a unique, tropical dinner adventure through the conservatory for a Valentine's Day experience that you won't get anywhere else in Buffalo. Eat and drink your way through the Botanical Gardens with a progressive four-course meal filled with live music, exotic plants, and twinkling lights under the grand glass conservatory. *Remember to dress to impress!* For full information and to reserve your spot go to: https://www.buffalogardens.com/events/courses-in-the-conservatory/

Gullentines Day: Beach Bird Walk-10:00 AM - 11:30 AM at Woodlawn Beach State Park. Grab your binoculars and your finest winter coat because it's time for Gullentines Day at Woodlawn Beach! Get ready to spot our feathered friends along Lake Erie's shoreline while soaking up some fun bird facts. Registration required on Eventbrite.com.

**Friday Morning Birding: Beaver Meadow-**8:00 AM to 9:30 AM. Meet outside Nature Center Join us for weekly birding with Buffalo Audubon Senior Naturalist Tom Kerr. Each week will highlight the seasonal birds at Beaver Meadow. Binoculars are available. Buffalo Audubon Members - Free General Admission - \$10.00. Register.

Buffalo Astronomical Association Meeting-7pm. Virtual. Info.

# Saturday, February 15

splendor-class-series

**Nature Journals**-10am. Come and create your very own nature journal! Experiment with different mediums like collage, watercolor, and pencil drawings. Learn different journaling techniques to record what you see on your next adventure! Bring your own journal or receive a small notebook for \$5. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

**Great Backyard Bird Count**-11am. Join the global effort to identify and count birds this weekend on a walk at Reinstein Woods. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

**Woods Walk: Winter Birds**-1pm. It may still feel like the dead of winter to us, but by February many migratory songbirds are already on the move. We can check this out and look for other signals of the season change. No registration required. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

**Planning Your Dye and Medicine Garden -**Interested in growing herbs and plants for making dyes in your garden? Come learn what plants work for you and how to best grow them. 12-2:00pm at MAP; 387 Massachusetts Ave, Buffalo. https://www.grassrootsgardens.org/workshops

Seeds to Splendor: Garden design and planning-10:00 am – 11:00 am. Transform your outdoor space into a thriving, well-planned oasis. Whether you're dreaming of bountiful vegetables, fragrant herbs, or stunning flower displays, this class will give you the tools to design and plan a garden you can be proud of. All classes will be held the third Saturday of the month at Cornell Cooperative Extension, Education Center, Harrington Classroom, 12690 State Rte. 31, Albion, NY 14411. Suggested donation is \$5. To reserve your seat call 585-798-4265 or email klo54@cornell.edu. https://orleans.cce.cornell.edu/events/2024/11/20/seeds-to-

**Winter Waterfowl-**09:30 AM - 11:00 AM at <u>Beaver Island Nature Center</u>. Take a walk along the Niagara River, in search of ducks, geese, and swans. Binoculars and spotting scope provided. Registration required on Eventbrite.com.

**Keynote: Birds on Niagara-**11:30 at the Welcome Center in Niagara Falls State Park. JF Therrien will be talking about Snowy Owls and Project SNOWstorm, the world's largest research project on Snowy Owls located right in PA. Tickets are \$20 and a boxed lunch is included! Please <u>register here</u>.

**Birds on the Niagara: Feathers at Niagara Falls-**10:00 AM - 01:00 PM at <u>Niagara Falls State Park</u>. Join a Park Naturalist with a spotting scope at the **Cave of the Winds** to view the migrating waterfowl on the Niagara River. Registration required on <u>Eventbrite.com</u>.

**Birds on the Niagara: Feathers at Niagara Falls-** 10:00 AM - 11:00 AM at <u>Niagara Falls State Park</u>. Join a Park Naturalist with a spotting scope at **Three Sisters Islands** to view the migrating waterfowl on the Niagara River. Registration required on <u>Eventbrite.com</u>.

**Birds on the Niagara: Feathers on Lake Ontario-**02:00 PM - 04:00 PM at <u>Fort Niagara State Park</u>. Join a naturalist with a spotting scope on the sun lawn in Fort Niagara to view the migrating waterfowl over Lake Ontario! Registration required on <u>Eventbrite.com</u>.

**Build a Birdfeeder-**1:00 PM to 2:30 PM at Beaver Meadow Nature Center. February is National Bird Feeding Month! Help your backyard birds through the winter by building a birdfeeder with Buffalo Audubon Naturalist Breton Sloan. Each participant will receive a coupon for \$5.00 off on a 40lb bag of birdseed in our gift shop. Buffalo Audubon Members - \$15.00, General Admission - \$20.00. Register.

Finding Love in the Dead of Winter (Skunk Edition) -10:00am - 12:00pm at Ellicott Creek - Meeting Location: Ellicott Creek Casino Parking Lot. Join Ranger Nikki and learn about the first mammals that find love every year! Much like an old Looney Tunes favorite, Pepé Le Pew, skunks may have a putrid odor but are able to overcome that (and the frigid cold) all in pursuit of love and romance! Learn about skunk behavior and other fun facts about this mammal in an easy hike around Ellicott Creek Park! Register for Finding Love in the Dead of Winter (Skunk Edition) ~ Ellicott Creek Park ~

**Seed Viability Testing and Seed Swap-**1pm. Grassroots Garden of Western New York, Broadway, Buffalo, Get ready for the new season by joining us at our seed swap! We'll be checking the viability of some of the seeds in our library and sharing what we have with everyone who helps out. <u>Register.</u>

**Bike Brakes 101 Class-** 10am to 11:30pm at 313 Broadway, Buffalo. Stopping is almost as important as going. This class will cover cable-actuated brakes, including caliper, cantilever, liner pull and center pull. Participants will learn how to troubleshoot, maintain, and adjust these systems. Participants can bring their own bike, but don't need to. Info and Register.

#### Sunday, February 16

**Birds on the Niagara: Beginner Birding Walk-** 10:00 AM - 12:00 PM at <u>Beaver Island Nature Center</u>. Bring your binoculars and get ready to join a Park Naturalist for a leisurely bird viewing walk along the Niagara River. Beginners encouraged! Registration required on <u>Eventbrite.com</u>.

**Birds on the Niagara: Feathers on the Niagara River-**10:00 AM - 12:00 PM at <u>Beaver Island Nature Center</u>. Join a naturalist with a spotting scope in the southernmost loop in Beaver Island State Park to view the migrating waterfowl on the Niagara River. Registration required on <u>Eventbrite.com</u>.

**Birds on the Niagara: Feathers at Niagara Falls-** 10:00 AM - 01:00 PM at <u>Niagara Falls State Park</u>. Join a Park Naturalist with a spotting scope at the **Cave of the Winds** to view the migrating waterfowl on the Niagara River. Registration required on <u>Eventbrite.com</u>.

**Birds on the Niagara:** Feathers at Niagara Falls-10:00 AM - 11:00 AM at <u>Niagara Falls State Park</u>. Join a Park Naturalist with a spotting scope at **Three Sisters Islands** to view the migrating waterfowl on the Niagara River. Registration required on <u>Eventbrite.com</u>.

**Birds on the Niagara: Feathers on Lake Ontario-**02:00 PM - 04:00 PM at <u>Fort Niagara State Park</u>. Join a naturalist with a spotting scope on the sun lawn in Fort Niagara to view the migrating waterfowl over Lake Ontario! Registration required on <u>Eventbrite.com</u>.

**Birds on the Niagara Indoor Exhibitors-**Tifft Nature Preserve from 1 - 3 p.m. All Ages. Drop-by and enjoy FREE bird-themed table activities with our WNY community partners as part of the annual Birds on the Niagara: An International Winter Birding Festival! This program is just one of MANY offerings found throughout the region this weekend to celebrate bird biodiversity and the birding community in the Niagara River area.

**Daylily Society: Burchfield, Flora and Gardening-**1:30pm. Town of Aurora Senior Center 101 King St., East Aurora. Nancy Weekly, a Charles Burchfield scholar, will present "Burchfield, Flora and Gardening". The group will hold its Souper Bowl, where a range of tasty hot soups will be available to sample. Soups, Breads, Treats welcome (coordinate with Sally Johnson, <a href="keithj516@aol.com">keithj516@aol.com</a>)

Galentine's Day Crafternoon-1:00 – 3:00pm at Undergrounds Coffee House and Roastery, 580 South Park Ave, Buffalo, NY 14210. Registration required: Register. Join us for a cozy time and make some treats to keep our feathered friends fed this winter! We'll be meeting at Undergrounds Coffee House in South Buffalo on 2/16 from 1-2pm and making pinecone bird feeders, so stop by in between your birding walks during Birds on Niagara, and warm up with some treats and make some for your backyard birds too! (Allergy note: if you have a peanut allergy, please not we will be using peanut butter). Space is limited, so please register!

## Monday, February 17

**Desert Discoveries at the Gardens-**2:00 pm – 3:00 pm. Living in the desert is no easy task, and many plants have adapted to not only survive but thrive in the desert. Learn about desert ecology, plant adaptations, and create your own succulent planter to take a slice of the desert home with you. This special learning experience is best suited for children eight to thirteen years old. For more information and to reserve a spot go to: <a href="https://www.buffalogardens.com/events/desert-discoveries/event/2025-02-17/">https://www.buffalogardens.com/events/desert-discoveries/event/2025-02-17/</a>

## Tuesday, February 18

**Toddler Time: The Winter Bird-** 10:30 AM to 11:30 AM at Beaver Meadow Nature Center. Join Naturalist Breton for a snow-themed story, craft, and snack! Ages 2-5. Each Ticket includes a child and guardian. Buffalo Audubon Members - \$10.00, General Admission - \$15.00. Register.

**IMAGINE Buffalo Speaker Series: TBA-**Join us on Tuesdays at 12:30 p.m. via Zoom for the IMAGINE Buffalo Speaker Series! Free & open to the public. Black History Month Anne Conable Zoom link: https://us02web.zoom.us/j/89329799002

# Wednesday, February 19

**Behind-the-Scenes Collections Tours: Cabinet of Curiosities-**Science Museum from 6 - 7:30 p.m. Ages 18+. Take a peek into the Vertebrate Zoology Collection's spine-tingling Cabinet of Curiosities to explore the mind-bending stories of some of nature's unique freaks, morbid mistakes, and seemingly scientific impossibilities! Marvel at obscure oddities, glimpse the wildly unusual, and satisfy your macabre interests. Feeling enticed yet? We invite (dare) you to join us for a hair-raising tour to get an eyeful of all this, and more. You truly never know what you might encounter in the Cabinet! Register.

Mythical Terrarium Workshop at the Gardens- 2:00 pm – 3:00 pm. Create your own miniature magical world in this fun workshop for kids (5-12). The workshop includes all materials needed to build a tropical terrarium complete with mythical dragons and unicorns. Kids will learn about how terrariums work, how to create an enclosed ecosystem, how to care for their tropical plant and more. For full information and to reserve a spot go to: https://www.buffalogardens.com/events/mythical-terrarium-workshop/event/2025-02-19/

The 10 Essentials for Winter Preparedness- 10:00 - 11:30am at Chestnut Ridge - Meeting Place: Chestnut Ridge Park Casino. Don't let the cold keep you inside this winter! Join Ranger Greg for a hike as he guides you

through the essential tools and knowledge needed to thrive in the winter wilderness. Register for The 10 Essentials for Winter Preparedness ~ Chestnut Ridge Park ~

**Fruit Tree Pruning and Bed Rebuild Prep**-10am. 909 Walnut Ave, Niagara Falls, NY. Learn to prune fruit trees and help get Walnut Avenue Kitchen Garden ready for the new season! Register.

## Thursday, February 20

**Meet Zelda-** 1:00 PM to 2:00 PM at Beaver Meadow Nature Center. Meet Zelda, Buffalo Audubon's Screechowl Ambassador, and learn all about the super-powered adaptations owls like her have to survive in a nocturnal world! \$5.00 - Buffalo Audubon Members \$10.00 - General Admission. Register.

**Voluntary and Compliance Forest Carbon Markets: Opportunities-**3 to 4pm webinar. Discover the potential of forest carbon markets to create new income opportunities in this engaging webinar. Explore the key differences between voluntary and compliance markets, gain insights into carbon registries, and learn about carbon payment programs designed to reward sustainable forest management. Whether you're a landowner, forest manager, or simply curious about carbon markets, this session offers valuable knowledge to help you navigate these emerging financial and environmental opportunities. Register.

Bees Beyond Honey: Understanding the Roles of Native, Solitary, and Honeybees in Pollination and Biodiversity-7pm ET webinar. Wild Ones invites you to an engaging webinar featuring leading experts on pollinator ecology. Sam Droege (U.S. Geological Survey), Dave Hunter (Crown Bees), and Dr. Lora Morandin (The Pollinator Partnership) will share their expertise on the vital roles of native, solitary, and honeybees in ecosystems, the challenges they face, and how to balance the needs of managed and wild pollinators. You'll gain actionable insights to support pollinators and biodiversity in your community. Register.

**Memory Café-**Science Museum from 9:30 to 11am. 18+. Join us at the Museum each third Thursday of the month for Memory Cafe. This program provides an opportunity for adults with memory challenges and their loved ones to explore science and nature through the Museum's collection in a supportive, social and welcoming environment. Each session will have a presentation on unique collections items aligned with the Museum theme months and an interactive science and nature activity. Light breakfast and coffee provided. Made possible by Exhale and its funders: the Ralph C. Wilson, Jr. Foundation and the Health Foundation for Western & Central New York. Info.

Wellness Walks-10am to noon. Drop by Tifft Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Ages: All Ages, Cost: FREE. Please call 716.825.6397 to confirm walk will take place.

Engaging a Community to Support a Neighborhood Conservation Program- 6:30 pm to 8:00 pm Online/Virtual. Gwen Alegre, NY Master Naturalist, will share challenges, successes, and lessons-learned when implementing a community volunteer conservation program. The Craneridge Homeowners Association is starting its fifth year of a multi-year initiative that includes education, communication, partnering with local experts, and energizing neighbors to care about and DO something to plant native and protect our natural community. Register.

## Friday, February 21

**All About Skulls!**-10am. Examine different animal skulls to learn about predators and prey before making your own clay skull. For children ages 7 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

**'Lug your Mug' Stroll at the Park-** 05:00 PM - 06:30 PM at <u>DeVeaux Woods State Park</u>. Grab your favorite mug or thermos and take a stroll through the cool winter air at DeVeaux Woods State Park. Bundle up and sip some hot chocolate while taking in the views of old growth woods. Weather permitting; adventure will be taken on snowshoes. Registration required on Eventbrite.com.

**Meet the Reptiles!-** 1:00 PM to 2:00 PM at Beaver Meadow Nature Center. Learn about the reptiles that live in New York State, their habitats, and the adaptations that have helped their species survive for millions of years! \$5.00 - Buffalo Audubon Members, \$10.00 - General Admission. Register.

Rainforest Retreat at the Gardens-2:00 pm - 3:00 pm. The rainforest is home to the most biodiversity found on the planet. Explore the plant kingdom of the rainforest and create your own tropical planter to take home. In this workshop you will learn about rainforest ecology, plant adaptations, and how to create a tropical rainforest planter. This special learning experience is best suited for children eight to thirteen years old. For full information and to reserve a spot go to: <a href="https://www.buffalogardens.com/events/rainforest-retreat/event/2025-02-21/">https://www.buffalogardens.com/events/rainforest-retreat/event/2025-02-21/</a>

**Friday Morning Birding: Rose Acres Nature Preserve-**8:00 AM to 9:30 AM. Meet outside Nature Center Join us for our weekly Birding Tour! This week we will be meeting at Rose Acres Nature Preserve, located at the intersection of Torrey Hill Rd and Java Lake Rd. . Binoculars are available. Meet at Trailhead sign. Click <a href="here">here</a> for directions. Buffalo Audubon Members – Free, General Admission - \$10.00. <a href="Register">Register</a>.

#### Saturday, February 22

**Elusive Mammals of WNY**-10am. Learn the life history, ecology, and behavior of bobcats and fishers during this indoor presentation. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

**LWVBN** Membership Meeting-10:30 a.m. – 2:00 p.m. Network of Religious Communities (League office), 1272 Delaware Avenue, Buffalo, NY 14209. The meeting will provide an orientation for new members and program planning for 2025. R.S.V.P. to <a href="mailto:lwvbn@lwvbn.org">lwvbn@lwvbn.org</a>

**Dinosaur Terrarium Workshop at the Gardens**-11:00 am – 12:00 pm. Create your own miniature dinosaur world with this class just for kids The workshop includes all materials needed to build a tropical terrarium complete with dinosaur figures to take home with them. Kids will learn about how terrariums work, how to create an enclosed ecosystem, how to care for their tropical plant and more. This special learning experience is best suited to kids ages 5-12. For full information and to reserve your spot go to: https://www.buffalogardens.com/events/dinosaur-terrarium-workshop/event/2025-02-22/

**Snowshoe & Ice Volcano Walk-** 10:00 AM - 11:30 AM at <u>Evangola State Park</u>. Experience the winter season to the fullest with a guided snowshoe trek on the forested trails of Evangola. If conditions permit, we will end the hike by discovering the frozen marvels of Lake Erie's ice volcanoes! Snowshoes, snow permitting. Registration required on <u>Eventbrite.com</u>.

**DIY Bird-Friendly Window Clings-** 10:00 AM - 11:30 AM at <u>Reservoir State Park</u>. Prepare for spring bird migrations by creating some window clings for your home! Decorate these clings while we discuss some of the different types of migratory birds in the Niagara Region. Registration required on <u>Eventbrite.com</u>.

**Niagara Region Jeopardy**-01:00 PM - 02:00 PM at <u>Niagara Falls State Park</u>. Come one, come all to compete with friends and family alike in a game of Niagara Region jeopardy. Registration required on Eventbrite.com.

Winter Stroll Along the Gorge-01:00 PM - 02:30 PM at Whirlpool State Park. Take a leisurely stroll along the rim trail from Whirlpool State Park to Freedom Plaza and back to take in the winter scenery and learn some fun facts about the gorge! Registration required on Eventbrite.com.

**Bike Wheels 101 Class-** 10am to 11:30pm at 313 Broadway, Buffalo. We'll cover hub adjustment, truing, cassettes and freewheels, and bearings. This class is an introduction to bike wheels and covers troubleshooting and adjustments of the most common issues. <u>Info and Register.</u>

**Intro to Beekeeping**-1 to 3pm. Interested in beekeeping or want to learn more about bees? Whether you are just interested in the topic of bees or are ready to start your own hive, join us for an informative and exciting talk. Cost: \$30 BNHV members, \$35 non-members, Buffalo Niagara Heritage Village, 3755 Tonawanda Creek Rd, Amherst, NY 14228. <a href="https://bnhv.org/bnhv-events/introduction-to-beekeeping">https://bnhv.org/bnhv-events/introduction-to-beekeeping</a>

**Winter Tree Identification: Emery Park** -10:00am - 12:00pm. <u>Emery Park</u> - <u>Meeting Place: Emery Park</u> <u>Fieldhouse</u>. Join Ranger Roy for a walk and a chance to start picking up the cues for tree identification when the deciduous trees have shed their leaves. We will learn basic cues to help identify trees we find. <u>Register for Winter Tree Identification ~ Emery Park ~</u>

## Monday, February 24

"Ocelloscope in Biomedical Research" -3:00 p.m. - 4:15 p.m. Dr. Soren Busch, BioSense Solutions, Denmark The seminar series is organized by the Great Lakes Center and the Biology Department. Seminars are held in the Science and Mathematics Complex 151, Buffalo State University.

#### Tuesday, February 25

**IMAGINE Buffalo Speaker Series: TBA-**Join us on Tuesdays at 12:30 p.m. via Zoom for the IMAGINE Buffalo Speaker Series! Free & open to the public. Black History Month Anne Conable Zoom link: <a href="https://us02web.zoom.us/j/84935817685">https://us02web.zoom.us/j/84935817685</a>

**Penguins of Antarctica: Dr. Heather Lynch** | **National Geographic Live**- 7pm. Kleinhans Music Hall. Antarctica's name alone conjures imagery of the harshest environment on Earth, but it is more than its monochromatic color scheme of snow and ice. Meet the many species of penguins that waddle and swim through the freezing water, along with an abundance of other life, on a journey south with quantitative ecologist Dr. Heather Lynch. Tickets.

#### Wednesday, February 26

**Understanding the Value Chain-**11:45am to 1:15pm at WSP Office, 40 La Riviere Dr., Suite 320, Buffalo. In this session WSP experts Laurie Kutina and Sarah Quintal will explain the value chain and the importance of Scope 3 emissions, why measuring and reporting them is crucial, and how addressing these emissions can drive meaningful climate action. Register. Lunch provided, \$25 for SBR members, \$30 for non-members.

# Thursday, February 27

Science in the Pub-7:00 pm via Zoom. Drought, Destroyer of Civilizations - Sylvia Reeves. Register

Wellness Walks-10am to noon. Drop by Tifft Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Ages: All Ages, Cost: FREE. Please call 716.825.6397 to confirm walk will take place.

**Air & Waste Management Meeting and Presentation-** DEC presentation *Love Canal: Before Then, Then, and Now* at the Wurlitzer Events Center, North Tonawanda. For details, visit <a href="https://awmanfs.wildapricot.org/">https://awmanfs.wildapricot.org/</a>

#### Friday, February 28

**Friday Morning Birding: Beaver Meadow-** 8:00 AM to 9:30 AM. Meet outside Nature Center. Join us for weekly birding with Buffalo Audubon Senior Naturalist Tom Kerr. Each week will highlight the seasonal birds at Beaver Meadow. Binoculars are available. Audubon Members – Free, General Admission - \$10.00. Register.

**Trellis Build and Blackberry Pruning-**1pm at 382 Fargo Avenue, Buffalo. Build a trellis with us, then learn to care for the berries that will grow in it! Register.

#### Saturday, March 1

**Bike Brakes 102 Class-** 10am to 11:30pm at 313 Broadway, Buffalo. This class is wet and messy. We'll explore hydraulic systems and go through a brake bleed with participants. Participants will bleed a brake and change pads in this hands-on demo. Participants will perform a brake bleed on shimano style brakes, **please don't bring your bike**. <u>Info and Register.</u>

Master your Garden Series: Intro to permaculture and native plants-10 to 11am at Cornell Cooperative Extension Orleans County 12690 State Route 31, Albion. Presenter: Kathleen Contrino, CW Natives. Permaculture essentially means permanent agriculture. Learn how growing a food forest and investing in perennials, bushes or trees that provide food for you as well as the natural world can help support the environment while feeding your family. All classes will be held at Orleans County CCE in the Education Center. Class size is limited, pre-registration is required. Suggested donation: \$5 per class. Register by calling 585-798-4265 or emailing klo54@cornell.edu.

Coffee with a Ranger- 10:00am - 12:00pm at Chestnut Ridge - Chestnut Ridge Park Casino Meeting Room. Join Erie County Park Ranger Nikki for a meet and greet at the Chestnut Ridge Casino! Ranger Nikki will be hanging out by the fireplace discussing the ranger program, the history of our parks and answering any curious questions you may have about life in the parks department! Join her for a couple hours of conversation with coffee and donuts provided! Register for Coffee with a Ranger ~ Chestnut Ridge Park ~

**32nd Annual Rural Landowner Workshop-**9am to 3pm, Pioneer Central School, 12145 County Line Rd., Yorkshire. This regional program sponsored by the Cornell Cooperative Extension involves several agencies that provide educational information and outreach to landowners. Presenters are brought in from both private and public sectors to provide participants with up-to-date information. Early bird registration \$35 (includes lunch) through Feb. 14, \$45 after. Learn more and register here.

#### Sunday, March 2

**Bike General Maintenance Class-** 10am to 11:30pm at 313 Broadway, Buffalo. This class will give you the knowledge you need to keep your ride rolling. Students will learn about proper frame, brake, and drive train maintenance as well as how to assess and describe common problems. Students are encouraged to bring their bicycles to work on. This version will add tips and tricks for winter cycling. <u>Info and Register.</u>

# Public Comments, Civic Engagement and Activism

\*\*This section will share ways to engage and follow policy at the federal and state level. Voting is one action, but civic engagement requires us to share our views and desires with our elected officials.

## Revised Project Scoring for Clean Water State Revolving Fund

The New York State Environmental Facilities Corporation (EFC) held a webinar on December 17 regarding proposed changes to the project scoring criteria for the Clean Water State Revolving Fund. The <a href="webinar recording">webinar recording</a> is now available. Find the <a href="proposed criteria">proposed criteria</a> (PDF) on EFC's website. EFC is accepting public comments until 5 p.m. on February 18. Submit comments to General Counsel and Secretary to the Board Henrik Westin at <a href="mailto:cWSRFinfo@efc.ny.gov">cWSRFinfo@efc.ny.gov</a> with "Regulation Comments" in the subject line.

# **Brownfield Cleanup Program: Buffalo**

DEC invites the public to comment about a draft work plan to investigate contamination at the 619 Exchange Street Site #C915403 within New York's Brownfield Cleanup Program. <u>More information</u>. Comment end: **February 21, 2025**.

#### **Proposed Ambient Water Quality Guidance Values for Phosphorus**

DEC has announced the <u>release of draft water quality guidance values</u> to regulate phosphorus in New York State surface waters. Excess phosphorus can contribute to harmful algal blooms (HABs), lower dissolved oxygen levels, increased turbidity, and excessive growth of algae and aquatic plants. The draft guidance values are supplemented by draft updates to DEC's phosphorus permitting strategy and establish a process for prioritizing and reducing phosphorus loads from wastewater treatment plants. The TOGS are being released for a 60-day public comment period that **closes February 24**, **2025.** The full text of the draft TOGS documents and additional supporting information can be found on DEC's website.

#### **USDA-FDA** Requesting Information About Food Date Labeling

The U.S. Food and Drug Administration (FDA) and the U.S Department of Agriculture (USDA) announced a joint Request for Information (RFI) about food date labeling, which includes the usage of terms such as "Sell By," "Use By" and "Best By." The RFI seeks information on industry practices and preferences for date labeling, research results on consumer perceptions of date labeling, and any impact date labeling may have on food waste and grocery costs.

For example, questions in the RFI include which products contain date labels and what criteria are used to decided what phrase to use and what date to include. The RFI also asks questions about how consumers interpret date label information, including whether consumers are confused by this information – especially if they believe the dates determine whether food is safe when in fact, they indicate quality – or whether it has impacts on decisions made while grocery shopping or discarding food. Finally, there are questions that explore any relationship between date labels, food waste, and household expenses. **Commenters will have until March 5 to provide comments (extended deadline).** Further information on how to submit a comment can be found in the Federal Register.

# In NY Senate & Assembly Committee:

Previously Owned Zero-Emission Vehicles Rebate Program

Eliminating Harmful PFAS and Other Toxic Chemicals in Menstrual Products

**Contact elected representatives today!** You don't have to be an energy or climate expert to make a difference. <u>Get their contact info.</u>

- <a href="https://www.govtrack.us/congress/bills/subjects/environmental\_protection/6038">https://www.govtrack.us/congress/bills/subjects/environmental\_protection/6038</a> provides a listing of federal environmental legislation that is pending.
- <a href="https://legiscan.com/NY/pending/assembly-environmental-conservation-committee/id/365">https://legiscan.com/NY/pending/assembly-environmental-conservation-committee/id/365</a> provides a list of environmental legislation pending for the NY Environmental Conservation Committee.
- <a href="https://eany.org/our-work/2024-bill-memos/">https://eany.org/our-work/2024-bill-memos/</a> provides a list on NY environmental legislation with comments from Environmental Advocates of NY.

# **Tips for the Environment:**

Consider Sustainable Valentine Gifts- There are a number of more planet-friendly options such as: live plants, handmade cards, local products, gifts of activities or services. For more ideas, check <a href="https://www.treehugger.com">https://greencitizen.com</a>

# **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. You can also create an account at <a href="https://filemaker.epd-pgh.com/fmi/webd/GreenGuardians">https://filemaker.epd-pgh.com/fmi/webd/GreenGuardians</a> to volunteer with registered organizations.

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

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

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

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

**Buffalo Central Terminal**-Many different opportunities for people interested in helping to preserve this unique building-people with basic carpentry and repair skills, and those with plumbing or electrical skills, to work inside the building, as

well as those interested in staffing events, assisting with fundraising, marketing, operating our gift shop, and other tasks. For info, check <a href="http://buffalocentralterminal.org/you-can-help/volunteer-with-the-ctrc/">http://buffalocentralterminal.org/you-can-help/volunteer-with-the-ctrc/</a>.

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

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

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

**Buffalo Olmsted Parks Conservancy** will assign volunteers to specific clean up and planting projects throughout the summer. Learn more and <u>sign up here</u>

**Buffalo ReUse** can use volunteers for many things. To help, contact them at <u>volunteer@buffaloreuse.org</u>.

**Clean Air Coalition of WNY-**Help with mailings, phone calls, canvassing and Photovoice (documenting environmental challenges). To help, contact at 852-3813 or <a href="www.cacwny.org">www.cacwny.org</a>.

**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 <a href="mailto:GardenWalkBuffalo@yahoo.com">GardenWalkBuffalo@yahoo.com</a>. **Global Justice Ecology Project-** volunteers needed for mailing and office support.

<a href="https://www.dec.ny.gov/chemical/8799.html">https://globaljusticeecology.org/</a>

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 <u>volunteer@habitatbuffalo.org</u>.

**Hawk Creek Wildlife Center** is seeking volunteers 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, visit their website at <a href="https://www.homeny.org">www.homeny.org</a>.

**Iroquois National Wildlife Refuge-**lots of options here.

**Iroquois Observations** offers free nature programs in partnership with the Buffalo Audubon Society each spring and fall. Please contact Garner Light at 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 <a href="mailto:jssbuffalo@yahoo.com">jssbuffalo@yahoo.com</a>

**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/, current needs and dates

**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.

**Pelion Outdoor Classroom**-Volunteers needed for garden maintenance and youth education. Opportunities for school fieldtrips and intern engagement. <a href="https://www.peliongarden.org/">https://www.peliongarden.org/</a>

**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.

**Providence Farm Collective-** From May through November, PFC offers individual, group, one-time, monthly or weekly volunteer opportunities — on the farm in Orchard Park or at the PFC Farmers Market in Buffalo. <u>Info.</u>

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

**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. submit an <u>application!</u>

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

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

WNY Seed Library- Based in Audubon Library. Contact <a href="https://www.facebook.com/wnyseedlibrary/">https://www.facebook.com/wnyseedlibrary/</a> Additional calendars with local events-

http://www.buffalospree.com

http://www.buffalo.edu/calendar

http://buffalorising.com

https://boredommd.com/

### **Useful Tools:**

Wildlife Rehabilitator Search- https://www.dec.ny.gov/cfmx/extapps/sls\_searches/index.cfm?p=live\_rehab

Tree Equity Score Tool- tree cover with social and demographic statistics

Climate Change and Birds Visualizer- examines how birds are faring across regions

Cover Crop Selector-select appropriate cover crops for your site

Crop Condition and Soil Moisture Analytics -high-resolution data that can help plan spring planting, track damage

Climate Change Solution Simulator-En-ROADS is a policy simulator

BirdCast offers real-time migration maps showing where birds are and in which direction they're going

Bird Migration Explorer provides migration data

eBird-record and identify birds that you see

Personal Plastics Footprint Calculator- measure your footprint for a week or year

Climate Change Indicators in the United States

https://emagazine.com/green-jobs/ Green jobs

**Ecosystem Restoration Handbook** 

Sustainable Gardening Library Resources

Working With Nature: A Guide to Native Plants for New York's Great Lakes Shorelines

**Buffalo B-WELL Videos** 

http://growitsaveituseit.com/

toolkit to reduce synthetic fertilizer use

#OnesToWatch interactive map-NY invasive species map

Organics Communications Toolkit to Reduce Waste

Pollution Prevention Institute Tools for businesses, households, others

The ABCs of Soil Health

DIY Calculators for supplies

Model Municipal Zoning Ordinance on Community Composting (PDF).

**Dynamic World** Land cover dataset

Target Organics Resource Hub – resource for small scale and large scale composting

Accessible Recreation Destinations Map for New York

## Additional local blogs and websites-

Birds on the Niagara- http://www.birdsontheniagarafrontier.org/

Breaking Green Podcast- https://globaljusticeecology.org/breakinggreen/

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

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

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

Campaign for Buffalo History, Architecture and Culture- 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- <a href="http://www.dec.ny.gov/public/337.html">http://www.dec.ny.gov/public/337.html</a>

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

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

Farmer Resource Network- https://farmerresourcenetwork.force.com/FRN/s/

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/

Heirloom Soul Florals: Regenerative Flower Farming- https://www.heirloomsoul.com/blog-archive

Natural and Working Lands-https://blogs.cornell.edu/workinglands/ Farming and Climate Change resources

Nourishing Harvest- <a href="https://www.patreon.com/anourishingharvest">https://www.patreon.com/anourishingharvest</a>

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

Recycle Right NY- <a href="https://recyclerightny.org/">https://recyclerightny.org/</a>

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- <a href="http://www.globalstewards.org/ecotips.htm">http://www.globalstewards.org/ecotips.htm</a>

Buffalo Architecture and History- <a href="http://www.buffaloah.com/">http://www.buffaloah.com/</a>

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

Erie Canal Trailway- www.ptny.org/bikecanal

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

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

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

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

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

Citizen Science Opportunities-listing

Sustainability SmartPod- https://www.buzzsprout.com/2127930

# **County/New York State Resources**

Erie County GIS Mapping- http://gis2.erie.gov/HTML5/ErieCountyNY/

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

NY Greenways interactive map

# **Green Jobs, Internships and Career Opportunities**

E-Magazine-http://greenjobs.net/

EPA-https://www.epa.gov/careers

Green Jobs- http://www.greatgreencareers.com

Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

Green Jobs Board- https://www.browngirlgreen.com/greenjobs

Additional jobs- https://www2.erie.gov/index.php?q=job-openings-community

Green Guardian Environmental Volunteers of Niagara Region- <a href="https://filemaker.epd-pgh.com/fmi/webd/GreenGuardians">https://filemaker.epd-pgh.com/fmi/webd/GreenGuardians</a>

NOAA Internships- NOAA Student Opportunities Website

Access hundreds of research internships, fellowships, and scholarships funded by the government and private sector

organizations: <a href="https://www.zintellect.com/">https://www.zintellect.com/</a>

Learn more about the variety of opportunities with NOAA: <a href="https://www.noaa.gov/work-with-us">https://www.noaa.gov/work-with-us</a>

EPA: https://www.epa.gov/careers

American Academy of Environmental Engineers and Scientists: <a href="https://aaees.mcjobboard.net/jobs">https://aaees.mcjobboard.net/jobs</a>

AGU Career Center: https://findajob.agu.org/

ESA Career Center: <a href="https://www.esacareercenter.org/">https://www.esacareercenter.org/</a> American Fisheries Society: <a href="https://jobs.fisheries.org/">https://jobs.fisheries.org/</a>

NYSDEC Employment: <a href="https://www.dec.ny.gov/about/jobs.html">https://www.dec.ny.gov/about/jobs.html</a>

NY State Parks: <a href="https://parks.ny.gov/employment/">https://parks.ny.gov/employment/</a>

National Association for Interpretation: <a href="https://nai-us.org/interp/nai/">https://nai-us.org/interp/nai/</a> membership/Career\_Center/Career\_Center.aspx

North American Association for Environmental Education: <a href="https://jobs.naaee.org/">https://jobs.naaee.org/</a>

Marine Biology Education Resources: https://www.marinebio.org/careers/

# 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

## **Grant Opportunities /Tools**

Database of Federal Grants to Support Food Waste Initiatives

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://grantsreform.ny.gov/

### Find your farmer - Erie Grown website

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

Backyard Bounty-podcasts on homesteading, beekeeping etc. <a href="https://heritageacresmarket.com/backyard-bounty-podcast/">https://heritageacresmarket.com/backyard-bounty-podcast/</a>

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

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/

Crown Hill Farms-https://www.crownhillfarm.com/

Dirt Rich Farm- https://www.dirtrichcsa.com/

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

Fenton's Produce- www.fentonsproduce.com

First Light Farm and Creamery- http://www.firstlightfarmer.com/

Five Loaves Farm- https://5loavesfarm.org/

Food Future WNY- www.foodfuturewny.org

Fresh Fix -https://www.freshfix.com/

Goodman Farms- https://goodmanfarms.net/

Gormley Farms- <a href="https://www.facebook.com/gormleyfarms">https://www.facebook.com/gormleyfarms</a>

Greater Buffalo Urban Growers-https://www.facebook.com/greaterbuffalourbangrowers/

Gregs U-Pick- <a href="http://gregsupick.com/">http://gregsupick.com/</a>

Groundwork Market Garden- http://www.groundworkmg.com

Happy Shacks Oils-free seed library <a href="https://happyshackoils.com/">https://happyshackoils.com/</a>

Healthy Living Farm- <a href="https://www.healthylivingfarm.com">https://www.healthylivingfarm.com</a>

Heartland Organics- https://www.heartland-organics.com/visit

Kin Loch Farmstead- https://www.kinlochfarmstead.com/

Kubed Root-http://www.kubedroot.com/

McCollum Orchards- <a href="http://mccollumorchards.com/">http://mccollumorchards.com/</a>

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

Native Offerings- http://nativeofferings.com/

Niagara Malt- www.niagaramalt.com

Plato Dale Farm- <a href="https://platodalefarm.com/">https://platodalefarm.com/</a>

Porter Farms- <a href="http://www.porterfarms.org/">http://www.porterfarms.org/</a>

Produce Peddlers-<a href="https://producepeddlers.com/">https://producepeddlers.com/</a>

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

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

Urban Fruits & Veggies- https://buffalogogreen.org/urban-fruits-veggies/

Utley Acres- <a href="http://utleyacres.com/">http://utleyacres.com/</a>

Westside Tilth Farm- http://westsidetilth.com/

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

WNY Farmers' Markets- <a href="http://www.bestofwny.com/farmers\_market/">http://www.bestofwny.com/farmers\_market/</a>

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

WNY Food Hub for Farmers-https://www.edenvalleygrowers.com/wny-foodhub

#### **Local Businesses with Classes and Workshops**

Badding Brothers-https://baddingbrosfarm.com/index.html

Lockwood's Greenhouses-https://weknowplants.com/

Masterson's Nursery-https://mastersons.net/

Sweet Flag Herbs-<a href="http://sweetflagherbs.com/">http://sweetflagherbs.com/</a>

CW Native Plants- https://www.cwnativeplantfarm.com/

# **Local Tourism promoting Sustainability**

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

Niagara Wine Trail - http://www.niagarawinetrail.org/

# Recycling, Reuse, Disposal, Green Cleaning Options: (also check <a href="www2.erie.gov/recycling/index.php?q=node">www2.erie.gov/recycling/index.php?q=node</a>)

- Year Round: Food Scraps Drop-Off Collection Program Locator Map
- Year Round: PaintCare Drop-Off Collection Locator Map
- Year Round: Electronics Recycling Locator Map
- Year Round: Textile Donation & Recycling Locator Map

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

Books- www.booksforafrica.org, www.operationpaperback.org

Bras- www.donateyourbra.com,

Building materials- www.buffaloreuse.org

Cars- http://www.donateacar.com/

Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities

Cigarette Butts- https://www.terracycle.com/en-US/brigades/cigarette-waste-recycling

Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill,

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

Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org

Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's

Computer disks, tapes and misc. techno"trash"- http://greendisk.com/, 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

Contact Lenses and Blister Packs- Bausch & Lomb program with drop-offs at eye care offices

Drug disposal best practices and sites- http://www.dec.ny.gov/chemical/45083.html,

Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com

City of Buffalo residents- 1120 Seneca Street, hours and info here; Other residents, check with your towns.

Envelopes, tyvek- contact us at 1-800-44-Tyvek® or 1-800-448-9835 for more information.

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

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

Fur coats (incl faux fur)- 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

Mascara Brushes- Contact wildlife rehabilitation facilities or here

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

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

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

Packaging Materials (bubble wrap, peanuts)-UPS Store

Paint- https://www.paintcare.org/

Pens- Dropoff at Staples stores

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.plasticfilmrecvcling.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. for clean, white Styrofoam at 2101 Kenmore Ave., 14207. Call first at (716) 874-6474.

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

Toys, plastic or used- http://dmpgreen.com/mail\_in.html, www.buffalony.gov/383/Streets-Sanitation

Underwear- https://yourparade.com/products/second-life-recycling-kit

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

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

Wetsuits- https://www.sugamats.com/recycling/, https://www.greengurugear.com/pages/recycling-to-upcycle-program

Searchable lists- https://search.earth911.com/, https://www.call2recycle.org/locator/

## **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, Resources or Certificates:**

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

Coursera- www.coursera.org

**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

Basics of Organic Farming is a self-directed online course for beginning orchard and vegetable-crop farmers

Our Farms, Our Future podcast series

Second Nature's Solution Center

#### **On Demand Webinars:**

Extended Producer Responsibility (other videos on same youtube channel).

Plan-It GEO

https://www.ceres.org/events/ceres-climate-week-nyc-2020- CERES from NYC program in Climate Week

EarthEcho Youtube channel Water Challenge playlist.

STEMExplore Virtual Career Connections Virtual Events page

## 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/

Community Food Waste Guide- Access the free resource here.

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.

<u>Local Foods</u>, <u>Local Places Toolkit</u> to help communities develop their own plans for setting and achieving local food and revitalization goals.

Merlin Bird ID app Bird id by song

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.

Socially Responsible Investing and Banking

Bee Better Certified<sup>TM</sup> - pollinator-focused farm certification program

**Promise of Biomimicry** 

Pollinators under Pressure

Recycle Right NY- Resources and info on how to recycle and where you can recycle are shared.

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

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

AIA Buffalo Western NY https://www.aiabuffalowny.org/

Air and Waste Management Association <a href="https://awmanfs.wildapricot.org/">https://awmanfs.wildapricot.org/</a>

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

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

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

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

Aquarium of Niagara <u>www.aquariumofniagara.org</u>

Asha Sanctuary for Rescued Farm Animals http://www.ashasanctuary.com/

Aurorans for Climate and Environmental Sense <a href="https://www.facebook.com/aceseastaurora">https://www.facebook.com/aceseastaurora</a>

AWARE-Assoc. for Wild Animal Rehabilitation & Education <a href="http://www.awarewildlife.com/">http://www.awarewildlife.com/</a>

Bergen Swamp Preservation Society http://www.bergenswamp.org/

Birds on the Niagara <a href="https://bird-niagara.org/">https://bird-niagara.org/</a>

Black Rock Riverside Alliance <a href="https://brralliance.org/">https://brralliance.org/</a>

Bond Lake Environmental & Beautification Committee https://www.facebook.com/BondLakePark/

Braddock Bay Bird Observatory http://braddockbaybirdobservatory.wordpress.com/

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

Buffalo Astronomical Association http://buffaloastronomy.com/

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

Buffalo Blueway <a href="https://buffaloblueway.com/">https://buffaloblueway.com/</a>

Buffalo Central Terminal <a href="https://buffalocentralterminal.org/">https://buffalocentralterminal.org/</a>

Buffalo Go Green <a href="https://buffalogogreen.org/">https://buffalogogreen.org/</a>

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

Buffalo Niagara Gardening <a href="https://buffalo-niagaragardening.com/">https://buffalo-niagaragardening.com/</a>

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

Buffalo Farm to School Program <a href="https://www.facebook.com/BuffaloF2S/">https://www.facebook.com/BuffaloF2S/</a>

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

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

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

Buffalo Museum of Science www.sciencebuff.org/

Buffalo Niagara Heritage Village <a href="http://bnhv.org/">http://bnhv.org/</a>

Buffalo Niagara Waterkeeper https://bnwaterkeeper.org/

Buffalo Olmsted Parks Conservancy <u>www.bfloparks.org</u>

Buffalo Orienteering Club <a href="https://buffalo-orienteering.org/">https://buffalo-orienteering.org/</a>

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

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

Buffalo Urban Development Corp http://budc.ecidany.com/

Buffalo Zoo <u>www.buffalozoo.org</u>

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

Buffalo Women of Env. Learning/Leadership (BWell) https://bwell.community/

Center for the Study of Art, Architecture, History and Nature <a href="http://buffaloah.com/h/center/index.html">http://buffaloah.com/h/center/index.html</a>

Chautauqua Watershed Conservancy <a href="http://www.chautauquawatershed.org/">http://www.chautauquawatershed.org/</a>

Chestnut Ridge Conservancy http://chestnutridgeconservancy.org/

Citizens Campaign for the Environment <a href="https://www.citizenscampaign.org">www.citizenscampaign.org</a>

Citizens Coalition for Wildlife and Environment <a href="http://citizencoalitionwe.com/">http://citizencoalitionwe.com/</a>

Citizens for Regional Transit <u>www.citizenstransit.org/</u>

Clarence Bluebird Trail <a href="https://lambluebirdtrail.org/">https://lambluebirdtrail.org/</a>

Clean Air Coalition of Western New York <a href="https://www.cacwny.org/">https://www.cacwny.org/</a>

Clean Communities of Western New York <a href="http://www.ccofwny.org/">http://www.ccofwny.org/</a>

Coalition of Positively Charged People <a href="https://www.facebook.com/coalitionpositive/">https://www.facebook.com/coalitionpositive/</a>

Community Foundation for Greater Buffalo <a href="http://www.cfgb.org/">http://www.cfgb.org/</a>

Cooperation Buffalo <a href="https://www.cooperationbuffalo.org/">https://www.cooperationbuffalo.org/</a>

Cornell Cooperative Extension for Cattaraugus County http://cattaraugus.cce.cornell.edu/

Cornell Cooperative Extension for Chautauqua County <a href="http://chautauqua.cce.cornell.edu">http://chautauqua.cce.cornell.edu</a>

Cornell Cooperative Extension for Erie County <a href="http://erie.cce.cornell.edu/">http://erie.cce.cornell.edu/</a>

Cornell Cooperative Extension for Niagara County http://cceniagaracounty.org/

Cornell Cooperative Extension for Wyoming County https://wyoming.cce.cornell.edu/

Daemen University Center for Sustainability <u>www.daemen.edu/enviro-news</u>

Department of Environmental Conservation (NY State) www.dec.ny.gov/index.html

Designing to Live Sustainably https://www.facebook.com/d2lsBuffalo/

Drave's Arboretum <a href="https://www.facebook.com/dravesarboretum/">https://www.facebook.com/dravesarboretum/</a>

Earth Spirit Educational Services <u>www.earthspiritedu.org</u>

East Side Stewards https://www.eastsidestewards.com/

Environmental Advocates NY www.eany.org

Environmental Education Associates http://environmentaleducation.com/

Environmental Protection Agency https://www.epa.gov/aboutepa/epa-region-2

Erie Canal Harbor Development <a href="https://esd.ny.gov/erie-canal-harbor-development-corporation-0">https://esd.ny.gov/erie-canal-harbor-development-corporation-0</a>

Erie County Climate Action & Sustainability

<a href="http://www2.erie.gov/environment/sustainability">http://www2.erie.gov/environment/sustainability</a>

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

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

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

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

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

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

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

Explore Buffalo www.explorebuffalo.org

Field and Fork Network <a href="http://fieldandforknetwork.com/">http://fieldandforknetwork.com/</a>

500 Women Scientists, Buffalo Chapter <a href="https://500womenscientistsbuffalo.wordpress.com/">https://500womenscientistsbuffalo.wordpress.com/</a>

Food Future WNY <u>www.foodfuturewny.org</u>

Foundry <a href="http://thefoundrybuffalo.org/">http://thefoundrybuffalo.org/</a>

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

Friends of Reinstein Woods <a href="http://reinsteinwoods.org">http://reinsteinwoods.org</a>

Friends of Sinking Ponds https://www.friendssinkingponds.org/

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

Foothills Trail Club <u>www.foothillstrailclub.org</u>

Gardens Buffalo Niagara https://gardensbuffaloniagara.com/

Garden Clubs of WNY www.gardenclubsofwny.com

Genesee County Nature Center <a href="http://co.genesee.ny.us/departments/parks/inc.php">http://co.genesee.ny.us/departments/parks/inc.php</a>

Genesee County Village & Museum https://www.gcv.org/

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

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

Go Buffalo Niagara <a href="http://gobuffaloniagara.org">http://gobuffaloniagara.org</a>

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

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

Greater Buffalo-Niagara Regional Transportation Council <a href="www.gbnrtc.org/">www.gbnrtc.org/</a>

Greater Buffalo Urban Growers Network www.facebook.com/greaterbuffalourbangrowers

Great Lakes Center at Buffalo State College <a href="http://greatlakescenter.buffalostate.edu/">http://greatlakescenter.buffalostate.edu/</a>

Great Lakes Research Consortium <a href="https://www.esf.edu/glrc/">https://www.esf.edu/glrc/</a>

Green Together WNY <a href="https://www.facebook.com/greentogetherwny/">https://www.facebook.com/greentogetherwny/</a>

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

Hawk Creek Wildlife Center <a href="https://www.hawkcreek.org">https://www.hawkcreek.org</a>

HEART Animal Rescue and Adoption https://www.heartforanimals.org/

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

Hope Rising Together <a href="https://ltlol.com/">https://ltlol.com/</a>

Housing Opportunities Made Equal https://www.homeny.org/

Imagine Greater Buffalo Lifelong Learning <a href="http://imaginelifelonglearning.com/">http://imaginelifelonglearning.com/</a>

Inland Ocean Coalition-Buffalo Chapter <a href="https://inlandoceancoalition.org/whoweare/chapters/buffalo/">https://inlandoceancoalition.org/whoweare/chapters/buffalo/</a>

Innovation Center Buffalo <a href="http://innovationcenterbuffalo.org/">http://innovationcenterbuffalo.org/</a>

Iroquois National Wildlife Refuge http://www.fws.gov/refuge/iroquois/

Jamestown Audubon Center & Sanctuary <a href="http://auduboncnc.org/">http://auduboncnc.org/</a>

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

Lake Erie Watershed Protection Alliance <a href="http://www.erie.gov/lewpa">http://www.erie.gov/lewpa</a>

Leadership Buffalo https://www.leadershipbuffalo.org/

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

Local Initiatives Support Corporation <a href="https://www.lisc.org/wny/">https://www.lisc.org/wny/</a>

Lyceum at Silo City https://www.facebook.com/SiloCityLyceum/

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

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

Messinger Woods Wildlife Care and Education Center, Inc www.messingerwoods.org

Nannen Arboretum http://www.nannenarboretum.org/

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

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

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

New York Flora Association <a href="http://www.nyflora.org/">http://www.nyflora.org/</a>

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

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

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

New York Power Authority <u>www.nypa.gov</u>

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

New York State Association of Conservation Commissions <a href="https://nysacc.org/">https://nysacc.org/</a>

New York State Ornithological Association <a href="http://nybirds.org/index.html">http://nybirds.org/index.html</a>

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

New York State Parks <a href="https://parks.ny.gov/">https://parks.ny.gov/</a>

NYS Association for Reduction, Reuse and Recycling <a href="https://www.nysar3.org/">https://www.nysar3.org/</a>

New York State Sea Grant http://www.seagrant.sunysb.edu/

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

Northeast Sustainable Agriculture Working Group <a href="http://nesawg.org/">http://nesawg.org/</a>

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

New York Upstate Chapter, Landscape Architects <a href="https://www.nyuasla.org/">https://www.nyuasla.org/</a>

New York State Wetlands Forum <a href="http://www.wetlandsforum.org">http://www.wetlandsforum.org</a>

Niagara County Farm Bureau <a href="http://www.niagaracountyfarmbureau.com/">http://www.niagaracountyfarmbureau.com/</a>

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

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

Niagara County Soil and Water Conservation District <a href="www.niagaraswcd.com">www.niagaraswcd.com</a>

Niagara Fishing Expo <a href="http://niagarafishingexpo.com/">http://niagarafishingexpo.com/</a>

Niagara Frontier Botanical Society

Niagara Frontier Botanical Society

Niagara Outfitters <a href="https://niagaraoutfitters.com/">https://niagaraoutfitters.com/</a>

Niagara River Anglers Association <a href="https://www.facebook.com/Niagara-River-Anglers-1013633888708865/">www.facebook.com/Niagara-River-Anglers-1013633888708865/</a>

https://regional-institute.buffalo.edu/work/one-region-forward

Niagara River Greenway Commission <a href="https://www.niagararivergreenway.com/">https://www.niagararivergreenway.com/</a>

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

One Region Forward

North Tonawanda Botanical Gardens <a href="https://ntbgo.weebly.com/">https://ntbgo.weebly.com/</a>

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

Our Outer Harbor http://www.ourouterharbor.org/

Partners for a Livable WNY <a href="https://www.facebook.com/livablewny/">https://www.facebook.com/livablewny/</a>

Partnership for the Public Good <u>www.ppgbuffalo.org</u>

Paths, Peaks and Paddles <u>www.pathspeakspaddles.com</u>

Pelion Garden https://peliongarden.org

Penn Dixie Paleontological and Outdoor Education Center www.penndixie.org

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

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

Plant WNY <a href="http://www.plantwny.com/">http://www.plantwny.com/</a>

Pollinator Conservation Association <u>www.pollinatorconservationassociation.org/</u>

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

Primate Sanctuary www.facebook.com/ThePrimateSanctuary

Providence Farm Collective <a href="http://providencefarmcollective.org/">http://providencefarmcollective.org/</a>

PUSH Blue www.facebook.com/PUSHBlueWNY/

Regional Councils NYS <a href="http://regionalcouncils.ny.gov">http://regionalcouncils.ny.gov</a>

Reinstein Woods Nature Preserve <a href="https://www.dec.ny.gov/education/1837.html">www.dec.ny.gov/education/1837.html</a>

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

Retree Western New York <a href="https://re-treewny.org/">https://re-treewny.org/</a>

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

Rise Up for Climate Justice www.facebook.com/riseupforclimatejustice/

Riverline https://www.theriverline.org/

Roger Tory Peterson Institute <a href="https://www.rtpi.org">www.rtpi.org</a>

Science Demands Action www.sciencedemandsaction.org

Secret Places of WNY https://www.insiders-outside.com/events

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

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

Slow Roll Buffalo www.facebook.com/groups/slowrollbuffalo/

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

SPCA serving Erie County <u>www.yourspca.org</u>

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

SUNY Fredonia https://www.fredonia.edu/about/offices/sustainability

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

Tifft Nature Preserve <a href="http://www.tifft.org/tifft/">http://www.tifft.org/tifft/</a>

Tonawanda Creek Watershed Committee www.facebook.com/TonawandaCreek/

Tuscarora Environmental Task Force <u>www.facebook.com/tuscaroraenvironment/</u>

21st Century Park on the Outer Harbor <a href="https://www.facebook.com/21stCenturyParkOnTheOuterHarbor/">www.facebook.com/21stCenturyParkOnTheOuterHarbor/</a>

UB Engineers for a Sustainable World <a href="https://www.facebook.com/groups/esw.ub/">https://www.facebook.com/groups/esw.ub/</a>

UB Environmental Network https://www.facebook.com/UBEnvironmentalNetwork/

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

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

Urban Land Institute <a href="http://newyork.uli.org">http://newyork.uli.org</a>

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

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

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

US Fish and Wildlife, Northeast <a href="https://www.fws.gov/about/region/northeast">https://www.fws.gov/about/region/northeast</a>

Vision Niagara <a href="http://visionniagara.org/">http://visionniagara.org/</a>

Voice-Buffalo https://voicebuffalo.org/

Western Chapter New York Water Environment Association <a href="http://nywea.org/">http://nywea.org/</a>

WNY Native Plants Collaborative <a href="https://www.wnynativeplants.org/">https://www.wnynativeplants.org/</a>

Western New York AmeriCorps (Service Collaborative) <a href="http://www.tscwny.org/">http://www.tscwny.org/</a>

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

Western New York Environmental Alliance <a href="http://www.wnyea.org">http://www.wnyea.org</a>

Western New York Herpetological Society <a href="https://www.facebook.com/wnyherpsociety">https://www.facebook.com/wnyherpsociety</a>

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

WNY Mountain Bike Association http://www.wnymba.org

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

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

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

WNY Raptor Center <u>Wnyraptor.com</u>

Western New York Science Teachers <a href="http://www.westernstanys.com/">http://www.westernstanys.com/</a>

WNY Seed Library <a href="https://www.facebook.com/wnyseedlibrary/">https://www.facebook.com/wnyseedlibrary/</a>

Western New York Soil Health Alliance www.wnysoilhealth.com

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

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

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

WNY Peace Center Renewable Energy Task Force <a href="https://www.wnypeace.org/">https://www.wnypeace.org/</a>

WNY Weather Society <a href="https://www.facebook.com/amswnychapter">www.facebook.com/amswnychapter</a>

WNY Young Birders Club <a href="https://www.wnyybc.org/events">https://www.wnyybc.org/events</a>

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

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

Wild Ones-WNY Chapter https://westernnewyork.wildones.org/

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

Zoar Valley Coalition https://zoarvalley.org/