Enviro-News

September, 2024

Sponsored by Daemen University's Global & Local Sustainability Department

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:

Buffalo Litter Blitz

Create a NEW tradition in Buffalo! JOIN US in a city-wide litter blitz around *your favorite school* **Sept. 3rd or 4th!** Let's make sure students head to classes in a tidy neighborhood! Choose a date and a school, then organize your friends, church, coworkers, service fraternity, or club members to clear litter from sidewalks and gutters around campuses. Please use the <u>webform</u> to submit the details about which corners your group will *consolidate the bagged litter* so we can collect it in a timely manner. If you would like help recruiting volunteers, please post your event details to the <u>facebook event timeline</u>.

FLO Gala: The Parade

Please join Buffalo Olmsted Parks Conservancy on **September 6** at 6pm for the annual FLO (Frederick Law Olmsted) Gala. This year's gala celebrates the historic legacy of Dr. Martin Luther King, Jr. Park, first coined as "The Parade" by Frederick Law Olmsted in 1868. To purchase tickets, view the auction or learn more, please visit: www.bfloparks.org/TheParade. Enjoy a festive cocktail party with robust food stations prepared by Rich's Catering & Special Events, an exploration of the greenhouse, and music and dancing in the recently enhanced Martin Luther King, Jr. Monument Plaza.

Co-op Fest

Cooperation Buffalo and local cooperative businesses will host "Co-op Fest" on **Saturday, September 7th** to celebrate Western New York's growing cooperative economy. Starting at 3pm outside Five Points Bakery, 44 Brayton St, Buffalo, NY 14213, this all-afternoon festival will feature food, drink, and products from local cooperatives such as BreadHive Bakery & Cafe, Lexington Cooperative Markets, The Healing Grounds Cooperative Cafe, Farmer Pirates Compost, and many others. There will be live music, games, and family-friendly activities. Beer and wine will be available for purchase, with proceeds benefiting Cooperation Buffalo. Admission is open to all, with a suggested donation of \$10. <u>Donate here!</u>

Grassroots Gardens Pie Raffle: Tickets on Sale

Tickets are on sale now for Grassroots Gardens ninth annual Pie Raffle! Win your favorite baked goods and enjoy live music as we celebrate our gardens' harvest at Five Points Bakery. You're invited to Five Points Bakery on **Thursday, September 12** from 5:30 to 8pm as we raffle off locally-made baked goods, baskets and more! Enjoy music, food, friends, and a tour of one of our gardens at this autumn evening fundraiser, benefiting more than 100 community gardens in Buffalo and Niagara Falls. Enjoy live music, food, and bid on specialty baked goods and baskets in a casual outdoor setting!

Tell Your Business Sustainability Story

Join WNY Sustainable Business Roundtable on **September 12th** from 5 to 7pm at BriarBrothers Brewing Company for a compelling evening dedicated to telling your sustainability story. Sip on local craft beer as you dive into conversations about the significance of sustainability and the journey you have taken to get where you are today. Network with peers, discover actionable tips, and leave feeling inspired and equipped to continue your journey. Don't miss this chance to connect and engage with a community committed to positive change. FREE for Members, \$15 for nonmembers. Register.

Green Drinks

Join others to network and enjoy conversation with environmental folks on **Thursday, September 12th** at 5:30pm at Hydraulic Hearth (716 Swan St, Buffalo, NY 14210). The event is also listed on <u>Facebook</u> and on the <u>Green Drinks webpage</u>.

Conservation Celebration

The Western New York Land Conservancy is shaking things up and getting back to nature! Join them first annual Conservation Celebration, a fun nature-based party to celebrate our conservation work at Blueberry Treehouse Farm in West Falls on **Thursday, September 19, 2024**, from 6-9 pm. This family-friendly celebration will include live music, delicious local food and drinks, and a night under the stars! The event will also honor several exceptional Land Conservancy supporters. <u>Tickets.</u>

Paws in the Park: New Location

Paws in the Park is back this year with an exciting new location! Join us at the Stables at Knox Farms State Park on **Saturday**, **September 21** to celebrate 30+ years off making lifesaving differences of animals in care at the SPCA Serving Erie County. Each year, your participation at Paws in the Park helps to drive fearless and crucial change as we walk together toward a more humane community through education; rescuing, protecting, and enhancing the lives of animals; and nurturing the bond between animals and people. Registration is now live!

Reinstein Woods Annual Fall Festival

The 24th annual Fall Festival at Reinstein Woods Nature Preserve in Cheektowaga will be on **Saturday, Sept. 21**, from 10 a.m. to 4 p.m. Visitors can spend the day enjoying nature-based activities, exhibits, guided walks, live animals, and more. The festival is free and open to the public. During the event, visitors can experience the forest on guided walks led by a New York State Forester and Western New York PRISM or join a scavenger hunt to find some of the more than 20 nature and environmental organizations at the festival, including Penn Dixie Fossil Park, WNY Young Birder Club, Erie County Soil and Water Conservation District, and U.S. Fish and Wildlife Service. Visitors are encouraged to "green their transportation" by riding the Parks Adventure Bus to the Festival. The bus will arrive at the festival throughout the day. More details can be found on the NFTA website. Reinstein Woods is located at 93 Honorine Drive, off Como Park Boulevard in Cheektowaga. The event is free but donations to Friends of Reinstein Woods are appreciated at the door to support the festival. For a complete list of festival activities, call (716) 683-5959 or visit the festival webpage at https://reinsteinwoods.org/events/24th-annual-fall-festival/.

Fair Winds Gala

The Buffalo Maritime Center is pleased to announce the third annual Fair Winds Gala: An Evening on the River. The event will take place on **Saturday**, **September 21**, **2024**, at Buffalo RiverWorks overlooking the Erie Canal Boat *Seneca Chief*, which will be docked at RiverWorks throughout the evening. The program will take place inside the restaurant and aboard the *Seneca Chief*! This year, we will honor Roger Allen, BMC's Master Boatbuilder, for his over 50 years of leadership in the boatbuilding community. Roger has played a pivotal role in our organization's growth, sharing his extensive knowledge, infectious passion, and inspiring vision. Through his dedication, he has helped preserve maritime culture and craftsmanship at the Buffalo Maritime Center. For more information, click here.

Climate Action: Solutions for Small Business

Buffalo State Small Business Development Center, Eric County Department of Environment and Planning, and the Western New York Sustainable Business Roundtable are hosting a panel to discuss sustainable solutions for small business on **September 23** from 4-6pm. This event will be held at the Buffalo State Alumni Center, 667 Grant Street, Buffalo, 14213 and FREE Parking - Lot R14. Local businesses will be sharing their sustainable journeys and organizations will be providing solutions and resources to help your business thrive during these changes. Light refreshments will be provided. Register.

Zoar Valley Coalition Public Meeting

Join the Zoar Valley Coalition on **Tuesday, September 24** at a public forum on the united effort to stop the logging of Zoar Valley by the NYS Dept. of Environmental Conservation and the CT/NY Audubon Society. The DEC has scheduled timber sales of hundreds of acres in Zoar Valley, and Audubon wants to clear mature forests there to establish non-forested areas for birds. Find out why these are both unsustainable ideas and how you can help. The public meeting will be at 7:00pm at Daemen University, 4380 Main St., Amherst, Schenck Hall, Room 202. Parking in lots L, M & N. See map.

Botanical Bash at the Botanical Gardens

Games, food, drinks, and music. A good time for a great cause! Join us for the first annual *Botanical Bash* that will be a lively cocktail party held on **two different nights**, **September 20 and 27** from 6 to 10pm. Pick your date, join the fun, and raise a glass to support your Botanical Gardens! <u>Tickets</u> include an open bar, a delicious cocktail party style meal from our amazing catering partners, music and entertainment, games, dancing, a digital auction experience, valet parking, and more. Wear something cocktail casual with a fun botanical twist.

Pedal for Parks

Come celebrate New York State Park's centennial anniversary with the inaugural Pedal for Parks on **September 22, 2024**! Bike the West River Shoreline Trail from Beaver Island State Park all the way up to Fort Niagara State Park (depending on the length of ride you choose). Visit Buckhorn Island, Niagara Falls, Whirlpool, and Devil's Hole State Parks along the way! Options of 16-, 34-, and 62-mile rides available. Online registration is available up to the start of the ride or until all spots are sold out.

Doors Open Buffalo

<u>Doors Open Buffalo 2024</u> will return to Downtown Buffalo on **Saturday, September 28**. **Enjoy free exclusive access to 35 downtown landmarks and historic sites.** This FREE family-friendly event will run from 10 am - 4 pm with the information hub at the Buffalo Convention Center. *Free registration is required.* List of buildings open is <u>here</u>.

3rd Annual Living Green Festival

The UU Church of Amherst will host its annual Living Green Festival on **Saturday, September 28**th from noon to 6:00 pm. "Living Green" is about encouraging environmentally sustainable habits, building community, and having a good time. The Festival includes a variety of vendors (for-profit, and non-profit), green information, hands-on crafts, a basket raffle, a jumble sale (recycle & reuse!), our own "Green Cafe" with vegan/vegetarian options, and GOATS! "Let's Goat Buffalo" will again bring goats to work their landscaping magic. The festival is open and free to all at the UU Church of Amherst, 6320 Main St., Williamsville, 14221.

September Solo Sweep

Our Solo Sweep Challenge kicks off on Sept. 1! It's a fun and easy challenge which asks people to go out on their own time and clean up around Scajaquada Creek. Join today, complete the challenge, and you could win tickets to our Freshwater Flicks event, as well as a gift card to a local restaurant. Solo Sweep Registration

Masterson's Native Plant Sale

Pre-orders for Masterson's Native Plant Sale are being accepted now for pickup on **Native Plant Day, September 14th.** Check out the <u>plant list</u> for preordering. Also, be sure to put **October 5th** on your calendar and join us for our annual <u>Honey Harvest Festival</u>. Masterson's Garden Center, Inc. is at 725 Olean Rd., East Aurora NY 14052.

Invasive Species Management: Post-Treatment Data Collection Workshop

Join WNY PRISM for a workshop on **September 5** at Tifft Nature Preserve from 9-11am on invasive species management and data collection. We'll discuss useful metrics to help improve invasive species management efforts while reviewing projects focused on long-term management of invasive species using manual, mechanical and chemical treatment methods, and integrated pest management strategies. We'll also get to see long-term management in action during the outdoor portion. To receive NYS pesticide credits, you must register at least 24 hours before the workshop, show up early to sign in, bring your applicators license and attend the entire workshop. Register Here

Upcoming Waste/Paint/Electronics Collections

Erie County Department of Environment and Planning will be hosting a paint collection event at the Hamburg Fair Grounds, **September 14** from 8:30am-1pm. Register. Erie County and the NEST Solid Waste Board are hosting a free Household hazardous waste (HHW), paint, and battery collection event on **September 28.** Reservations at www.erie.gov/recycling. 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 for this service is required. For more info go to erie.gov/recycling or Hazman directly at 998-8073 or call 716-858-6800. For more info or to ask questions please email us at recycle@erie.gov or call our HHW Hotline at (716) 858-6800.

Niagara County is hosting a PAINT ONLY Collection Event at Niagara Town Park (7000 Lockport Rd.) from 9am to 1pm on **September 28** and a Household hazardous waste event on **October 5** from 9am to noon at 758 Erie Ave. North Tonawanda NY 14120. Registration links at https://www.rethinkyourwaste.com/events.

Mini-Vet School

Mini-Vet School is a five-week series of lectures by the most accomplished and dynamic veterinarians in Western New York. For two hours each week, they will lead you on a fascinating journey of animal discovery. Each Mini-Vet School lecture is a "course" in a subject covered in veterinary school. Classes run for five weeks on **Tuesday evenings**, **October 1**, **2024 to October 29**, **2024**, from **7:00-9:00 pm** on the **Daemen University** campus, 4380 Main Street, Amherst, NY, in Schenck Hall, Room 107. Some classes are interactive so smart phones/i-Pads are suggested. Mini-Vet is designed for animal lovers, pet owners, someone interested in a career in veterinary medicine, etc. Mini-Veterinary School graduates will not be eligible to practice veterinary medicine, but will have a better understanding of animals' health! They will, however, receive a certificate attesting to the completion of 10 hours of veterinary science. List of <u>talks</u>, To register online, visit https://nfvs.square.site/

One Region for Climate Action 2024 Symposium

You are invited to join partners from One Region Forward on October 4 from 8:30am to 4pm for a day of shared learning around climate planning in action in Buffalo Niagara (Erie and Niagara counties). The event will feature information, resources, and discussions that can help local municipalities shape and implement climate mitigation strategies. Registration is required due to limited space. University at Buffalo Center for Tomorrow, 125 Service Center Rd, Amherst, NY 14228.

The Wild & Scenic Film Festival for Freshwater Flicks

The Wild & Scenic Film Festival will be **October 5** at Nichols Flickinger Performing Art Center at 12:30pm. <u>Ticket</u> sales are live at \$50 - this will include beer, pop, and food concessions. Stay tuned for more info, and click below to view a trailer featuring some of the movies hosted by The Wild & Scenic Film Festival. <u>Info.</u>

WNY Earth Science Day

The Buffalo Geological Society is hosting the WNY Earth Science Day on **October 12** from 9am to 4pm at the Heritage Discovery Center at 100 Lee Street, Buffalo. A 40 x 80 ft. tent will house the exhibitors, a drill rig will be present, a food vendor will be available, free parking and admission, indoor bathrooms available. Excellent event for students, families, scouts, geologists, and anyone interested in geology and the earth and environmental sciences. For more information contact Jerry Bastedo at jcbastedo@gmail.com

Free Erie County Rabies Clinics

Get your dogs, cats and ferrets protected against rabies at Erie County's free rabies vaccine clinics in September. - Saturday, September 14, 9 a.m. - 1 p.m.: Erie County Emergency and Training Operations Center, 3359 Broadway, Buffalo - Saturday, September 21, 9 a.m. - 1 p.m.: Erie Community College (South Campus), 4041 Southwestern Blvd., Building 7, Orchard Park Registration is available at http://www.erie.gov/rabiesvaccine and appointments are required. Up to three pets will be accepted per appointment.

Climate Reality: Virtual US Training

This October 17–23, you can join the Climate Reality Project virtually for a special online training. Registration is open and free. No matter where you are, you hold the power to create change. With just six years remaining to halve global emissions and limit warming, the time to act is now. Day by day, our movement is growing stronger. Together, we can ensure a cleaner, healthier, and more equitable world for the generations to come. At our online training, you'll hear from leading voices in climate science, governance, grassroots organizing, and many more on ways to protect our democracy, overcome climate obstruction, and build a thriving clean energy future for America. And you'll be in community with other like-minded climate advocates from coast to coast.

Help Monarchs on their Long Migration South

Monarch butterflies begin their annual fall migration in mid-August. These butterflies are the great-great-grandchildren of the monarchs that migrated to Mexico last fall. You can help monarchs by delaying mowing areas with milkweed until later in the fall and avoiding using pesticides. Report sightings of adults online. View a map of the sightings so far this year. Not sure when their migration peaks in your area? Check out a chart.

Centennial Challenge

2024 is a special year for all of us here at New York State Parks as it marks our 100-year anniversary of the creation of the state park system. We encourage you to get out and celebrate with us by completing the Centennial Challenge! The goal is to complete 24 out of 100 challenges to earn a commemorative Centennial prize as well as an entry into a random drawing for 1 of 24 three-year Empire Passes and a Centennial swag bag! For more information on the Centennial Challenge, click here.

Proposed Regulations to Protect Freshwater Wetlands

The public is invited to comment on proposed regulations to protect freshwater wetlands. The <u>draft regulations</u> are now available for public comment until September 19 and would safeguard an estimated one million additional acres of unprotected wetland habitat by expanding the number of wetlands regulated by DEC. Virtual public hearings are scheduled September 10 at 1 p.m. and 6 p.m. An in-person public hearing is scheduled September 12 at 1 p.m. at the DEC office at 625 Broadway, Albany, NY. <u>Registration for the public hearings</u> can be found on DEC's website.

Draft Regulation on Endangered Species for Public Comment

DEC recently released a draft regulation to protect certain endangered and threatened species. The rulemaking begins a multiphase process of updating New York State's list of animal species classified as endangered, threatened, or of special concern. The draft regulation addresses species of fish, a recently designated species of frog (Atlantic coast leopard frog), and species recently classified under the federal Endangered Species Act. DEC is holding two virtual public hearing sessions on **Thursday**, **October 10**, at 1 p.m. and at 6 p.m. The <u>draft regulation and details for the hearings and comment period</u> are available on DEC's website. New Yorkers are encouraged to comment on this draft regulation and help ensure the State's full regulatory protection is applied appropriately statewide. Comments will be accepted through 5 p.m. on October 18, 2024, and must be submitted in writing to rarefish@dec.ny.gov (subject: "Endangered Species").

Master Gardener Fall Gardening Classes

Join Cornell Cooperative Extension (CCE) of Erie County Master Gardener Program volunteers as they host three in-person Fall Gardening Classes in September 2024. Topics include: *Garbage to Gold: Create Your Own Compost (9/10), Eight Rules for Overwintering Plants (9/18)* and *Fall Gardening: Tips for a Productive Garden Next Year (9/28)*. Cost is \$15 per class, Public: \$45 all classes, Master Gardeners: \$40 all classes. Register.

Wilderness First Aid Training

This Wilderness First Aid (WFA) course is designed for an individual or small group that travels beyond pavement and into the outdoors. The course consists of 16 hours of in-person training and hands-on practice scenarios. The training at The Park School over the course of three days, **October 4-6**, Friday, October 4: 6:00pm-10:00pm, Saturday, October 5: 9:00am-5:00pm and Sunday, October 6: 9:00am-12:00pm. WFA covers the most critical aspects of providing safety and first-aid in a wilderness setting. The resulting certification is valid for 2 years. Must be 18 or older. Register

Eat Local WNY Food Pledge

Take the Eat Local WNY Food Pledge and learn how much of your purchase dollars support locally grown and produced food.

Master Food Preserver Workshop 2024

Join Cornell Cooperative Extension of Niagara County for a 3-day intensive workshop, **October 1-3, 2024** from 8:30am to 4:30pm each day. This course is also the first step toward becoming a Cornell Cooperative Extension Master Food Preserver. You will learn how to safely process jams, cold and hot-pack veggies, fruits and meats. We will also discuss freezing, dehydrating foods, food safety, pressure canning, fermentation and more! No prior experience in food preservation is necessary. Cost is \$375.00 (includes lunch each day). For information on the Master Food Preserver Program, <u>Click HERE</u>

Peanut Line Trail Feasibility Study

The Peanut Line corridor was named as a priority corridor in Bike Buffalo Niagara, the Bike Buffalo Niagara: Regional Bike Master Plan in 2020, as both a recreational amenity and regional connectivity between the Clarence Pathway and Ellicott Creek Trails. To explore the potential for a future trail connection along the corridor, the Greater Buffalo-Niagara Regional Transportation Council (GBNRTC) is conducting a feasibility study for the Peanut Line in coordination with the Town of Amherst. Take the survey.

Arts and Culture Community Survey

Take the survey above to help Erie County and the Greater Buffalo Cultural Alliance create a plan for arts and culture across the county! Even if you do not consider yourself familiar with arts and culture, your input is valuable! It will help to better understand the needs of artists, arts organizations, residents, and visitors. The purpose of the plan is to guide decision makers on how the arts can enhance and further civic concerns while uplifting audiences, artists, and arts and culture groups/organizations. To access the survey, visit: www.research.net/r/eriecountyculturalplan

Free Urban Agriculture Courses

The <u>Urban Ag project</u> has partnered with <u>USDA-AMS Marketing Services Division</u> and <u>Rooted</u>, the Madison, WI-based center for urban agriculture enterprise and education, to collaborate and develop classes for commercial urban agriculturists, city planners, and policymakers. A suite of urban agriculture courses for free until January, to provide critical information for building or supporting successful urban farms. Learn more and <u>enroll today</u> on our Teachable online school.

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.

Harmful Algal Bloom Notifications

Visit <u>NYHABS</u>, DEC's harmful algal bloom notification map to view locations of freshwater HABs in New York State that were reported recently. Click on a dot for more info, including the date it was reported, the waterbody name, and pictures. Click on the arrow at the bottom of the screen to view a list of reported HABs. Instructions on how to use NYHABS are on DEC's <u>HABs notification webpage</u>. You can report a suspected HAB using the NYHABs online <u>reporting form</u>.

Agricultural and Farmland Protection for Erie County-Public Input Sought

Erie County is seeking input to update the Agricultural and Farmland Protection Plan to better reflect our community's agricultural needs. Share your insights by <u>taking their survey!</u> The County is hosting five focus group meetings to share initial findings and gather your thoughts and ideas for updating our Erie County Agricultural and Farmland Protection Plan. Choose a date that works for you and let's work together to update the Erie County Agricultural and Farmland Protection Plan! Meeting Dates and Locations: Thursday, September 12 from 6-8pm at Delavan-Grider Community Center, Friday, September 13 from 12-1pm virtually; register at bit.ly/eriefocusgroup, Thursday, September 19 from 6-8pm at Clarence Town Hall, Thursday, September 26 from 6-8pm at Holland Town Hall and Thursday, October 3 from 6-8pm at North Collins Senior Center.

Climate Action Plan Group Presentations

Would your group like to learn more about the Erie County Community Climate Action Plan with a fun interactive presentation? From Elementary Schools to Scout Troops to Senior Centers, we are ready to share the plan and listen to your ideas. Contact the Climate team at sustainability@erie.gov.

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? DEC's Forest Health
Diagnostic Lab is here to help you diagnose and identify tree diseases and potentially invasive insects. We're excited to announce a new reporting form which makes it easier and quicker than ever to submit your diagnostic requests. Check it out!

Municipal Zoning Ordinance Resources on Community Composting

Natural Resources Defense Council and the Environmental Law Institute released a Model Municipal Zoning Ordinance on Community Composting. This is a template ordinance to help advance community composting by establishing it as an allowable use of land under a municipality's zoning code. Learn more at: Model Municipal Zoning Ordinance on Community Composting (PDF).

Allies of the Tonawanda Seneca Nation Seek Economic Research Assistance

Allies of the Tonawanda Seneca Nation seek support with an analysis to calculate the economic value of the Oak Orchard River watershed. This study would draw on available economic data to calculate the economic impact of the watershed and associated economies for Orleans County and the WNY region. The study would be in support of the fight against the WNY STAMP mega industrial site, currently being constructed in Alabama, New York on the reservation boundary of the Tonawanda Seneca Nation. For more information, please contact alliesoftsn@gmail.com.

NFTA Parks Adventure Bus

On select Saturdays, NFTA-Metro is sending out the Parks Adventure Bus to parks around the region. Oh, and it's FREE. There is no fare for these trips, both ways. Paratransit clients: Service to each park will also be provided on PAL for eligible riders. You can reserve trips arriving at the park at 1:00PM. Vehicles will leave the park at 4PM. Full schedule and details here: https://metro.nfta.com/programs/parks-adventure-bus

Join Earth Spirit Excursions on an Okefenokee Adventure

Calling all paddlers, wildlife photographers, birders, or people who just love adventures in nature! Earth Spirit Excursions will be leading a multi-day canoe trip into the Okefenokee National Wildlife Refuge from November 10-16. The Okefenokee Swamps cover nearly 440,000 acres, possessing a vast array of wildlife, scenery, and history. By paddling by day and camping on swamp platforms and islands by night, participants will intimately explore the wonderful things the Okefenokee has to offer. After our swamp adventure, Earth Spirit staff will take participants to St. Marys, Georgia. From there, we will take a wonderful ferry ride to the Cumberland Island National Seashore, and explore the history and ecology of Cumberland Island. This is the ultimate adventure into wild South Georgia! For more information and to view our excursions page, visit https://earthspiritedu.org/excursions/ or click here! We hope you will join us.

WNY 30x30 Discussion Group

Western New York Environmental Alliance invited you to join the group WNY 30x30 Discussion Group. Groups are dedicated spaces on Facebook that make it easy to pursue your interests and to connect and get things done with other people. Join group

Funding for Private Landowners to Grow the Forests of the Future

The purpose of this grant program is to support the regeneration of forests so they may continue to deliver vital services such as mitigating climate change, protecting air and water quality, and supporting the economy. Young forests in New York face many challenges today that did not exist a century ago, the most significant being wide-spread damage caused by increased white-tailed deer populations and competition from invasive vegetation. Active management of the land is essential to ensure the survival of young trees and allow forests to become established or renew themselves, but this can be overwhelming and expensive. Through Regenerate NY, landowners can apply for financial assistance for projects on their land that support the establishment and renewal of healthy forests. This is a cost share reimbursement program, so all costs must be incurred by the landowner or fiscal sponsor before they can be reimbursed. More information for applicants, including further details on each of the sections below, can be found in the Request for Applications (RFA). Deadline for applications is November 6.

Web-Based Map of Accessible Recreation Features Now Available

DEC recently launched an <u>Accessible Recreation Destinations Map</u> designed to showcase wheelchair-accessible features at education centers, campgrounds and day use areas, Wildlife Management Areas, state forests, and waterway access sites. The Accessible Recreation Destinations Map displays 266 destinations across New York State with wheelchair accessible outdoor recreation opportunities.

2024 I Bird NY Challenge Open Until November 1

The 2024 I BIRD NY Challenge is underway and open through November 1. Use your observation skills and join the annual Challenge by identifying any 10 bird species of your choosing in New York State. Participants who successfully complete this fun challenge will be awarded a commemorative patch, can download a completion certificate, and be entered into a drawing for great birding prizes! The challenge is open to participants of all ages and abilities, and available in Spanish. Participants may also earn a bonus entry into the prize giveaway by submitting a photo documenting their experience completing the I BIRD NY Challenge. To participate in the I BIRD NY Challenge, complete a Challenge Log online or download the I BIRD NY Challenge form (PDF), also available in Spanish (PDF).

Spotted Lanternfly and Tree-of-Heaven Surveyors Needed

New York State is seeking volunteers like you to look for spotted lanternfly and tree-of-heaven in your area. You can supplement NYS efforts to prevent negative impacts from invasive species by knowing what to look for and how to report observations to New York's official invasive species database, iMapInvasives. What does it take? Pick a location to go to and survey 2-3 times throughout 2024 (once in Spring, Summer, and Fall); check for spotted lanternfly and tree-of-heaven; and report your findings to iMapInvasives. Visit the NY iMapInvasives website to learn more.

Funding for Clean Energy Business Interns

NYSERDA has revised <u>PON 4000: the 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.

Municipal Zero-emission Vehicle (ZEV) Rebate Program—Applications Now Open

The next round of <u>DEC's Municipal Zero-emission Vehicle (ZEV) Rebate Program</u> will provide \$750,000 to municipalities for the purchase or lease of zero-emission light- and medium-duty fleet vehicles. These municipal zero-emission vehicles will help New York achieve the greenhouse gas emission reduction requirements as part of the State's Climate Leadership and Community Protection Act (Climate Act). A total of \$750,000 is available from DEC for municipalities to apply for funding on a first-come, first-served basis on a rolling basis through **Sept. 27, 2024**, or until funds are exhausted, whichever occurs first. More details can be found in the Request for Applications (RFA) posted on the DEC website.

Beech Leaf Disease

This article discusses the cause of beech leaf disease (BLD), the lifecycle of this nematode (*Litylenchus crenatae ssp. mccannii*), the symptoms of BLD, and treatments. In spring (May-June), there are few nematodes in diseased leaves, their numbers increase over the summer (July-August) and reach peak numbers in late summer through early fall (September-November). As the numbers build up within the leaves, nematodes will migrate from the infected leaves into to the newly forming buds. Once nematodes reach the new bud, nematodes will feed on the bud tissues, which causes cell enlargement of the bud scale cells and negatively affects the overall architecture of the developing young leaves by increasing their number of cell layers. This damages the next generation of leaves and repeated damage will kill infected beech.

NY State Transportation Master Plan Survey

Give your input and help the New York State Department of Transportation (NYSDOT) develop the Transportation Master Plan 2050! The Master Plan will define a long-range statewide transportation vision and will guide policies and priorities for New York State's transportation system with an outlook to 2050. Take a two-minute survey and share how New York State's transportation system works for you: https://publicinput.com/j1748.

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. <u>Check out the map.</u>

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

Have an Apiary?

As of December 23, 2021, all beekeepers in NYS are required to register with Ag and Markets and renew their registration annually regardless of whether you are selling nucleus colonies or queens or not. It only takes a few minutes to do, and then you will get notifications of any disease issues in your area. <u>Learn more</u>.

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).

Western New York Young Birder Club

The Western New York Young Birder Club (WNY YBC) is designed to help connect young and young at heart people with birds. Young birders of all ages are welcome! The WNY YBC organizes monthly events, sends a monthly email newsletter including the "Bird of the Month" feature and updates on club outings, and serves as a resource for the community to connect with family-friendly birding experiences. WNY YBC recognizes that birding is often a quiet and calm activity that doesn't always match the exuberance of young birders – thus they are creating a space where an enthusiastic joy in birds can take flight. The club currently has 48 members ranging in age from 2-14 with an average age of 7. Check out WNY YBC's website to join, learn more, and to find events near you!

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 www.tinyurl.com/municipaltraining.

Free Course: Small Business Sustainability Tactics

Do you have a small business or want to integrate more sustainability tactics in a larger business. Take this free self-paced course (approx. 2 hours) which will introduce you to various options that will help you build a sustainability plan that can help your business reduce its carbon footprint, strengthen connections with employees, and invest in your community. Register.

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.

Make Cigarette Butts Part of Your Cleanups

Littered cigarette butts: besides ugly to look at, they are hazardous to our kids, pets, wildlife and gardens. When left in the environment, littered cigarette butts <u>leach toxic chemicals</u>, such as arsenic (used to kill rats) and lead, that may be carried as runoff to drains and end up polluting our rivers and lakes right here in Western New York. Because cigarette butts are primarily made of plastic filters that don't biodegrade, the butts that aren't eaten by wildlife simply pile up on shorelines or at the bottom of bodies of water. To find out how you can get involved, visit https://www.facebook.com/greentogetherwny/.

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 www.reuseaction.com, call the store at 716-894-3366, or stop by 980 Northampton Street.

Clothing Recycling in Schools

Project Green Schools is excited to partner with <u>Planet Aid</u> in order to help schools and communities work together with a unified goal of recycling 25,000 lbs of clothing and shoes. Both Planet Aid and Project Green Schools will support you with everything that you need to organize and promote your drive. <u>Click to register</u> to host a drive this summer or fall. Clothing drives are open to U.S. based schools and organizations that fall within Planet Aid's region.

Road Marker Technology Could Cool Cities by up to 20°C

Engineers are using retroreflector technology, based on prisms and reflective materials, to direct sunlight back into the sky and out of the urban environment. Equipping building walls and roadways with these retroreflective materials could reduce urban temperatures by up to 20°C, they report in the journal *Nature Cities*. It should also notably improve air temperatures and human skin temperatures.

Types of Electric Vehicle Charging

Are you thinking about getting an electric vehicle but don't understand the charging options and times? There are several ways to charge depending on location and outlet voltage. For home charging: with Level 1 you plug into your standard 120V outlet, but charging is slower; level 2 uses a 240V outlet (similar to an electric dryer) and full charge is between 4-6 hours. For public charging: level 2 uses 240V chargers and can be found at shopping centers, schools, etc., while level 3 uses 480V and allows fast charging in 30 minutes-these chargers are most often found at thruway rest stops. Certain electric vehicles do have tax credits associated with their purchasing. Check out the list and info.

Seeking a Career in the Clean Energy Field?

NYSERDA has paid internship and fellowship programs that can help jumpstart your future in the clean energy field. Check out their programs and resources at https://www.nyserda.ny.gov/All-Programs/Clean-Energy-Workforce-Development-and-Training/For-Job-Seekers-and-Students.

Pool Owners: Check for Asian Longhorned Beetles

DEC asks pool owners to check filters for the invasive Asian Longhorned Beetles (ALB) regularly, and submit a report if any are found. ALB attacks and kills maples, birches, willows, and other hardwoods. They emerge from infested trees in the late summer to find a new host. The beetles are 1.5 inches long, have long black-and-white antennae, and have black and white spots on their body. They should not be confused with the native white-spotted pine sawyer, which has a distinctive white spot on their back, below their head. No pool? You can still help! Be on the lookout for ALB exit holes, sawdust accumulating at the base of trees, oozing sap, or pits in bark. If found: Email photos to the Forest Health Program; or Mail insects to DEC's Diagnostics Lab for identification.

Climate Impacts of Plastics

According to a recent report published by United Nations Partner GRID-Arendal, "between 3.8 and 4.5 percent of global greenhouse gas emissions" are emitted throughout the lifecycle of plastics (2024, p. 3). This report, *Climate Impacts of Plastics*, focuses on the opportunity posed by UNEA Resolution 5/14 ("End plastic pollution: Towards an international legally binding instrument") to advance global efforts and accountability in addressing the climate impacts of plastics. Read the full report here.

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. A disability rating is no longer required, and all Veterans and certain Gold Star Family members who are residents of New York State are now eligible for this pass. Benefits include: Free vehicle entry to State Parks and DEC-operated campgrounds and day use areas, boat launch sites, historic sites, arboretums, and park preserves, Free greens fees at State Park-operated golf courses, Free swimming pool entrance to pools operated by State Parks and Discounted campsite and cabin rentals at State Parks- and DEC-operated campgrounds (applied at the time of check-in). Apply for the pass.

Help Prevent Rabbit Hemorrhagic Disease from Harming New York's Rabbits and Hares

Rabbit Hemorrhagic Disease (RHD) is a fatal virus that affects rabbits and hares. A new strain, RHDV2, jumped to wild rabbits and hares in 2020 in the southwestern U.S., where it spread to six states within four months. The virus can infect wild rabbits and hares in addition to domestic rabbits. RHDV2 is extremely hardy, easily transmitted, and highly lethal to rabbits and hares. It does not infect humans or other animals like dogs or cats. RHDV2 spreads easily through direct contact between rabbits or contact with contaminated environments or objects. The most likely routes of introduction to New York are through transported domestic rabbits, internationally imported rabbit products, or people who travel to outbreak areas in the Southwest. Read the RHDV2 factsheet (PDF) to learn more about how it spreads, ways to prevent it, and what you can do to help.

Heat Pump Water Heaters

Replacing an inefficient water heater with a heat pump water heater represents a prime opportunity to cut home energy costs and greenhouse gas emissions. Water heaters may account for up to 20% of the energy consumption in an average household. By switching to an energy-efficient heat pump water heater, households can save hundreds of dollars. These heat pump water heaters are also eligible for New York State incentives and Inflation Reduction Act (IRA) tax credits. Read more.

Free Building Electrification Training

NYSERDA is offering FREE online Building Electrification Training through the Steven Winter Associates' SWA Academy, a user-paced learning platform. There are three standalone courses on topics related to the electrification of space heating in residential buildings.

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.

Online Tool to View Earth's Changes

Google Earth Engine's new tool, <u>Dynamic World</u> was built in collaboration with the nonprofit <u>World Resources Institute</u>. Dynamic World pulls from satellite data to create detailed maps in near real-time. It gives users the ability to zoom in on the planet in 10-by-10 meter squares from satellite images collected every two to five days. Artificial intelligence is used to categorize each pixel into nine classes that range from bare ground to trees, crops, and buildings. The tool allows users to explore and track and monitor changes in these terrestrial ecosystems over time.

Statewide Greenhouse Gas Emissions Report

DEC's 2023 Statewide Greenhouse Gas Emissions Report describes statewide GHG emissions from 1990 to 2021, expressed in tons of carbon dioxide equivalents, from all sources in the state. This annual inventory tracks trends of greenhouse gas emissions as part of the State's ongoing implementation of the Climate Act and helps to measure progress in reducing GHG emissions across various economic sectors. The <u>report is available on DEC's website</u>. The complete, detailed dataset of emissions totals used to inform the report is <u>available via Open NY</u>.

New Food Solutions Curricula Launched for Elementary School

Are you a K-2 educator or know one? We have a new free resource for you! After months of planning, writing, and editing, Food Solutions: Climate Change Action for K-2 is available for download! By engaging our students in critical thinking and problem solving about complex issues like our food system and climate change, we prepare them to be leaders and participants in making their communities more resilient to climate change, now and in the future. Download.

Virtual EcoCareers Summit for High School and College Students

The National Wildlife Federation will be hosting the eighth annual <u>EcoCareers</u> virtual event this **September 18** for college and high school students and educators to learn about and prepare to thrive as a part of the green workforce of tomorrow. Learn about careers in wildlife and habitat conservation from consultants and business leaders, governmental and non-governmental organizations, and successful entrepreneurs who will be sharing their insights, advice, and inspirational stories. Register for free: https://rebrand.ly/EcoCareers2024

Project Green Challenge for Youth

Turning Green is inviting students to join us for <u>Project Green Challenge</u> (PGC) 2024, our annual global initiative to ignite youth-led climate action. As we enter our fourteenth year, we aim to engage 10,000 high school, college, and graduate students from around the world, making this the most impactful year in our history! PGC kicks off on **October 1st** with thirty days of engaging environmentally themed challenges. These activities are designed to educate, empower, and mobilize next-generation leaders in climate action, social justice, and public health. From thousands of participants, up to **14 finalists** will be selected to win an **all-expense-paid trip to San Francisco.** The ultimate PGC Champion will receive the prestigious **\$5,000 Acure Green Award.** To participate- sign up @ projectgreenchallenge.

Teacher's and Home-Schooling Resources

<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.

<u>PBS Learning Media: What's Bugging You?</u>- video collection introduces students in Grades 6-12 to the world of insects and entomology. Entomologist Dr. Art Evans and radio producer Steve Clark co-host this animated series of six videos that each capture the look of a field notebook with handwritten observations and illustrations.

<u>Science & Nature Activities for Cooped Up Kids</u>-This resource provides educators and parents with relevant and fun materials to engage K-8 learners in the world of birds. Capture kids' curiosity with 15 topics including bird diversity, life cycles, bird identification, and conservation.

Earth Day Playlist for teachers and high school.

<u>Energy Card Game</u>-participants trace back the source of energy for a variety of items to find that they ultimately derive from the Sun. This is a simple activity that lets students move around and discover an aspect of their everyday lives that may not have been apparent to them already. This activity is intended for grades 3-8.

<u>Activity: Data Puzzle: The Tipping Point</u>-middle and high school students analyze and interpret data on the reproduction of moss campion plants to explore how increasing temperatures could impact these specialized tundra plants.

<u>"Taking Flight - Flying and Migration" March lesson</u>-engaging activities to understand why birds migrate and learn about the obstacles they encounter. For grades 1-6.

"<u>Activity 6 - Flight and Migration</u>" - explore the adaptations that birds have for flight and the ways flying helps birds succeed: finding food, escaping predators, and courting mates, to name a few. For grades K-8.

Worldwide Climate and Justice Education Week-. Teachers can join a global movement for Earth Month by participating in *Making Climate a Class or Event* during April 1-8.

New Nature-Based Inquiry Unit! Students as Scientists

Teaching about Wasted Food-EPA materials to educate youth on effects of wasted food.

<u>WILD HOPE</u> is a new series of short digital videos that crisscross the globe and spotlight the changemakers and scientists who are restoring and protecting our natural world. The modern crisis of biodiversity loss is massive, but the solutions are real and effective — and their stories inspire hope that wildlife can and will be restored.

<u>Teach Engineering: Grow Your Own Algae Engineering Activity</u>-Through hands-on learning, students in Grades 7-10 learn how engineers use species of algae to recover the nutrients found in wastewater. Students will set up an apparatus to monitor changes in local water samples over several weeks.

<u>USDA Agricultural Research Service: Plant Growth and Root Development</u>- students ages 10 and older test the effect a hard soil layer has on plant growth and root development. Students set up three experimental growing stations using cups to record their observations of plant growth under different soil conditions over several weeks.

<u>Sorghum Curriculum</u>-The materials presented here by the Sorghum Checkoff will help you introduce sorghum to your students. Find tailored curriculum content and activities for Kindergarten to 12th grade students.

<u>Educational Resources for Online Ecological Teaching</u>-NEON offers a variety of tools and resources for instructors and faculty moving to online teaching. The data and resources from NEON are naturally suited for teaching ecological concepts and skills in both synchronous and asynchronous learning situations.

<u>GEEP e-book Environmental Education in Action: Learning from Case Studies Around the World</u> explores the world of environmental education (EE) case studies—studies that reflect the complexity, messiness, beauty, and diversity of EE programs across the planet that strive to create a more sustainable future for us all.

<u>Say What?!</u> Grades 4+- Investigate idioms and their meanings with Say What?! - a clever new digital series about animal expressions designed for use in elementary ELA classrooms as well as for English Language Learners in grades 4 and up.

Monitoring methane and human health-students will learn about the climate and human health impacts of natural gas extraction.

<u>The Erie Canal Adventure: Unlocking the Waterway Wonders</u>. This 40-minute video shares Erie Canal's impact on the development of New York, and includes two lesson plans, "Fishing in Western New York" and "Make a Canal Boat."

<u>Using the Outdoors as an Extension of Your Classroom</u>- describes the benefits of contact with nature for students and tips developed by a teacher to get students in urban schools closer to nature. The tips start with simple and accessible ways to teach in contact with nature and build up to regular nature immersion days per week.

<u>Decomposition: Leaf & Soil Collection</u>-Engage your students in figuring out why the amount of leaf litter differs between species in this lesson from the Cary Institute of Ecosystem Studies' School Woodland Biodiversity unit for Grades 6-12. Students will collect and analyze leaf litter data from different trees using a transect and hula hoop/quadrat and will conduct soil nutrient tests on soil samples.

<u>How to Productively Reframe Eco-anxiety as a Science Communicator or Educator</u>-STEM Teaching Tools Practice Brief 80 addresses eco-anxiety.

<u>Never Home Alone: The Wildlife of Homes</u>- iNaturalist citizen science project from the Public Science Lab that aims to document the species that live indoors with humans, including but not limited to arthropods. The Classroom Edition webpage includes lessons for students in Grades K-5 to accompany the citizen science project.

<u>Plant Disease Detectives</u>-students act as detectives to describe common plant diseases and how these communicable plant diseases are spread. The activities are downloadable as Word documents and include case studies for the student "detectives," ages 14-16.

Our Climate, Our Future Resources by Action for the Climate Emergency-lesson plans and materials for high school students.

<u>Wayfinder Society</u> has comprehensive sets of FREE and open-source lessons, classroom toolkits, mini-grants, videos, and a Student Hub with 35 Actions for students to complete at home, in school, or in their community.

Environmental Justice by State- Info on how each state is addressing environmental justice.

<u>MIT Climate Educator Guides</u> -Flexible, adaptable, and classroom-ready climate change activities. Integrate solutions-oriented climate change education into any high school subject.

<u>TILclimate Podcast</u>-In 10(ish) minutes, MIT experts cut through the jargon to demystify climate change. Listen to podcast episodes as professional development or classroom assignments.

MIT Climate Portal-Learn about climate change straight from MIT experts. Read explainers on a wide range of topics in science, technology, and society. Ask your own climate questions.

NEED website for tons of useful (and free) resources for inquiry-based learning related to energy.

<u>NEEF SunWise Program</u>- environmental and health education program for K-8 children about sun safety, UV radiation, and stratospheric ozone. The free toolkit includes over 50 cross-curricular, standards-based activities that encourage young people to explore, assess, and understand their natural environment and how it affects their health.

<u>Keeping a Bird Watching Journal</u>-Bird Watcher's Digest shares some encouraging guidelines for keeping a bird watching journal that apply to bird watchers of all ages. Not sure what bird you hear while journaling? Try the <u>Merlin Bird ID app's Song ID</u> feature to help you identify who's singing.

NSTA Lesson: How can where you live affect your risk of experiencing asthma?-High school students will gather, read, and evaluate scientific information to investigate why the Bronx, New York City as a whole, and Detroit have higher asthma hospitalization numbers than New York State and Michigan.

<u>The Equity Compass</u> helps users adopt a social justice mindset when developing and reflecting on their policy and/or practice. View the video on YouTube using the link above and learn more about the project <u>here</u>.

<u>Inclusive Science Communication Starter Kit</u> is intended to help anyone who communicates with others about STEMM (science, technology, engineering, math, and medicine) to do so in ways that seek and value a wide variety of perspectives, recognize how a person's multiple identities might affect their relationship with STEMM, and yield equitable outcomes that build and sustain trust.

<u>Earth Day Careers and Teaching Resources Page</u>-Scholastic SUPERSTEM created this collection of articles, videos, and teaching resources for educators and students. Each article showcases a STEM professional who incorporates a passion for protecting Earth in their work.

<u>Light Pollution Activity from Voyageurs Conservancy</u>-This three-part activity introduces the concept of light pollution, demonstrates its adverse effects, and allows students to investigate mitigation practices. Schedule a virtual lesson with Voyageurs Conservancy to learn about the importance of night sky preservation.

<u>Do the Rot Thing: A Teacher's Guide to Compost Activities</u>-The activities in the "Do the Rot Thing" guide are hands-on and encourage student exploration and learning. The guide is broken into four main sections: Introductory Activities, Basic Compost Activities, Worm Compost Activities, and Spreading the Word: Students Teaching Composting.

<u>Our Beautiful Planet</u> is a series of compelling 5-7 minute science films highlighting the cutting-edge research that climate scientists are doing to solve some of the world's most pressing issues. Each video has an accompanying lesson that provides opportunities for students to make sense of the climate change phenomena presented in the videos. In addition each film comes with a community outreach guide offering ideas for hands on involvement.

<u>Earth@Home</u>! Since our launch in 2020, Paleontological Research Institute has added over 300 pages of information about Earth Science of the United States!

"<u>Plastic Pollution and You</u>," a 15-lesson curriculum focused on a human-induced threat to the health of New York's marine and freshwater aquatic ecosystems.

<u>National Geographic: The Circle of Stuff</u>-This lesson for students in Grades 6-8 contains three activities that introduce students to the concept of the circular economy. Students consider the life cycle of their favorite belonging, learn about the full zero-waste hierarchy beyond the Three Rs, and unpack success stories of circular economies

Additional resources

Contests, Fellowships and Awards

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>Tree and Soil Research Fund Grant Program</u>-Supports projects with research of interest to the landscape architecture community with special focus in the area of trees and soils that support them. Award amount: up to \$10,000 (minimum \$5,000). 100-Word Letters of Inquiry (LOIs) accepted **August 1 to September 15, 2024.** For approved LOIs only, applications accepted August 1 to October 1, 2024.

Composting and Food Waste Reduction Cooperative Agreements-USDA is accepting applications for Composting and Food Waste Reduction pilot projects for fiscal year 2024. These cooperative agreements support local and tribal governments in developing innovative, scalable waste management plans. The aim is to reduce and divert food waste from landfills and test strategies for municipal composting and food waste reduction efforts. These cooperative agreements support projects in communities of all sizes and are part of USDA's broader efforts to support urban and climate smart agriculture. Deadline: **September 4th, 2024.**

<u>Game On-Community Places to Play Grants</u>-\$50K-\$100K grants to create or renovate multi-use youth sport spaces for youth ages 6-24 years old in under-resourced communities. Special consideration will be given to programs that support youth development, including civic engagement & leadership. Deadline: **September 5**.

NOAA Fisheries Citizen Science Grant Opportunity - for citizen science projects that help improve stock assessments or contribute to our understanding of how our fisheries and fishing communities may be impacted by changing environmental conditions. Deadline: November 4, 2024 at 11:59 p.m. ET. Applicants are asked to submit an optional Letter of Intent by September 5, 2024 to aid in planning the review panels.

Youth as Solutions grants of \$250 - \$1,000 empower Leadership Teams - at least two young people in grades 6-12 and an adult mentor from a public school, school district, government entity, or nonprofit - using NYLC's guided service-learning process to address one of four impact areas, including environmental justice by addressing issues of access to food or water, infrastructure issues, pollution, and more. Deadline: **September 13**.

<u>Cooperative Weed Management Areas</u> (CWMA) Request for Applications funds partnership work to address invasive plant species that pose significant ecological threats in the Great Lakes Basin. Deadline: **September 18.**

<u>Forest Restoration</u> (FR) Request for Applications funds projects that Mitigate Forest Insect and Disease Impacts through targeted reforestation and forest protection, Reduce Runoff from Degraded Sites through Green Infrastructure that includes trees, or Restore and Connect Coastal and Riparian Forest Habitats. Deadline: **September 18**.

Community Roots Program for Tribal Groups- Arbor Day Foundation. Deadline: September 30.

<u>USDA's Rural Energy for America Program Loans and Grants</u>- This program provides guaranteed loan financing and grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements. Deadline: **September 30.**

NSHSS: School Supplies Grant - The National Society of High School Scholars will award 15 awards of \$500 each to support high school educators. The grants aim to help teachers provide additional opportunities for their students and classrooms by addressing the need for funding of classroom supplies. Deadline: **October 3.**

<u>2024 NYSUFC Tree Campus K-12 Grants</u>-The NYS Urban Forestry Council (NYSUFC) is pleased to announce available funded tree planting materials and supplies for K-12 schools to become a member of NYSUFC's TREE TEAM, to establish a campus-based tree program and to hold a tree planting event in the fall of 2024 celebrating Arbor Day. Deadline: **October 10, 2024.**

<u>Technical Assistance Grants</u> are available to eligible NYS nonprofits and municipalities. The TAG Program provides support for planning studies or analyses of New York State's historic resources that serve an arts and/or cultural function. TAG funds consulting reports only, completed by architects, engineers and/or other design and preservation professionals. These grants do not fund capital construction costs, architectural plans and specifications, schematic designs, or construction documents. Pre-application due: **October 11**.

NOAA Fisheries Citizen Science Grant Opportunity - for citizen science projects that help improve stock assessments or contribute to our understanding of how our fisheries and fishing communities may be impacted by changing environmental conditions. Deadline: November 4, 2024 at 11:59 p.m. ET. Applicants are asked to submit an optional Letter of Intent by September 5, 2024 to aid in planning the review panels.

<u>Community Change Grants</u>- EPA funding to support community-driven projects that build capacity for communities to tackle environmental and climate justice challenges, strengthen their climate resilience, and advance clean energy. **Rolling** awards until Deadline: **November 21, 2024.**

<u>Critical Material Innovation</u>, <u>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>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>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>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.**

<u>Wells Fargo Clean Technology and Innovation Grant Program</u> 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**

Youth Pollinator Gardens Grant- 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, provide detailed information about the project, and submit your request to the NGC Youth Committee Chairman for approval.

<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, but not limited to, 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.**

<u>KEEN Effect</u> 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

Environmental Analyst- 2 positions with DEC Buffalo. Deadline: Sept. 4

Sustainability Programs Specialist-University of Rochester.

<u>SNAP-Ed Nutritionist</u>- Cornell Cooperative Extension of Niagara County has an opening for full-time SNAP-Ed Nutritionists working 37.5 hours per week from the Lockport and/or Niagara Falls, NY office.

SNAP Nutritionist - two full-time (40hr/week), SNAP Ed Nutrition Educator based in Buffalo, NY.

Educator 1- Aquarium of Niagara

Director of Zoological Operations- Aquarium of Niagara.

Senior Environmental Engineer >- Rochester, Open until filled.

Senior Pollution Prevention Engineer >- Rochester, Open until filled.

Animal Care-Erie County SPCA, part-time

Education Program Specialist- Erie County SPCA

2024 Natural Resource Technician: Niagara County Soil and Water

2024 Conservation District Assistant: Niagara County Soil and Water

Environmental Monitor: Stohl Environmental-multiple positions

<u>Communications Coordinator: Preservation Buffalo Niagara</u>- Full time.

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

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

Erie Taste NY Store Clerk: Grand Island, NY-Open until 9/2

<u>Paid White House Internships</u>- 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

Upcoming Community Activities:

Sunday, September 1

Animal Super Powers-10:00 AM - 11:30 AM at <u>Evangola State Park</u>. Animals may not have x-ray vision or shoot lasers from their eyes, but they do have special adaptations that helps them survive. Registration required at <u>Eventbrite.com</u>.

BWELL Solo Sweep Challenge-10:00 am - 11:00 am. Join BWELL as they participate in the Scajaquada September Solo Sweep Challenge! They will meet in front of Raha Coffee House at 370 Amherst St. The one hour event will help clean a section of the Scajaquada Creek Watershed. Register for the challenge.

Monday, September 2

Labor Day Monday Night Community Bike Ride- 6:00 - 9:30 PM, <u>Eugene V Debs Hall</u>, 483 Peckham Street, Buffalo, NY, 14206.

Tuesday, September 3

Paddle with the Buffalo Maritime Center-6pm. Learn to paddle with the Buffalo Maritime Center. Experience in a canoe is not necessary and anyone under the age of 18 must be accompanied by an adult. Seats are limited to 10 people, so pick a Tuesday and <u>RSVP here</u>. Check the events calendar for launch sites, cancellations, and updates! For questions email chelsea@buffalomaritimecenter.org.

First Tuesday at Pelion-3:30-5:30. Join us the first Tuesday of each month for some gardening chores and accidental fun. Tasks vary. Bring your favorite work gloves and water bottle. Pelion Outdoor Classroom at City Honors School, Best Street, Buffalo. <u>Register.</u>

Toddler Time: Monarchs in the Meadow-10:30AM — 11:30AM at Beaver Meadow Nature Center: 1610 Welch Rd Java Center, NY 14082. <u>Register.</u>

IMAGINE Buffalo Speaker Series: Suzanne Ernst Virtual- 12:30 p.m. via Zoom. This week's program will feature Suzanne Ernst, program director of Explore Buffalo. https://us02web.zoom.us/j/84069550534 Free & open to the public. Each weekly program features a local speaker and Q&A. This series is presented by the Buffalo & Erie County Public Library in conjunction with C-SAAHN and ImagineLifelongLearning.com.

History of Scajaquada from Indigenous to Industrial-6 to 8pm at Burchfield Penney Art Center Auditorium. Part 1 – The Indigenous lifeline, the use of the creek and the people of the region – Jason Corwin PhD, clinical assistant professor of Indigenous Studies, University at Buffalo and member of Seneca Nation Deer Clan. Part 2 – The War of 1812 and the historic trail, industrial attraction to the creek and its toll – Ryan Austin PhD, University at Buffalo, Dept of Archeology. Register.

Climate Action for Busy People- Webinar at 11am. Join <u>Cate Mingoya-LaFortune</u>, <u>Climate Action for Busy People</u> author and Chief Officer of Climate Resilience and Land Use at Groundwork USA, as she shares invaluable insights into making lasting and equitable improvements to make communities climate resilient. <u>Register.</u>

Wednesday, September 4

Free community nights at the Botanical Gardens-5:00 pm – 8:00 pm. Enjoy free admission to the Buffalo and Erie County Botanical Gardens on the first Wednesday evening of each month in 2024. Each date will feature a different theme, activities, and local partnership celebrations from 5-8pm. Visitors can enjoy a self-guided tour of the Botanical Gardens, fun scavenger hunts and experience activities, information tables, programs, performances and more from local partners. Reservations are suggested but not required. If your wish to reserve a ticket go to: https://www.buffalogardens.com/products/free-community-nights

Wednesday Night Sails with the Buffalo Maritime Center-5:30pm – 7:30pm, Prime Street & Lloyd Street, Buffalo, NY 14202, USA (map). Reserve your spot here. Come sail for free with the BMC! Meet us at the corner of Prime and Lloyd to take an evening sail on one of our historic vessels.

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 <u>event calendar</u> for specific times and locations). <i>Live at City Hall 65 Niagara Square, 9th Floor Room 901, Buffalo.*

"Shaping the Future of Food: Public Policy & Farm Bill- 1pm online. This first event in the four-part series will feature a conversation about the biggest piece of national legislation that shapes our food system, the Farm Bill, with IATP Program Associate for Climate and Rural Communities Michael Happ and IATP Board Member Nick Levendofsky, executive director of the Kansas Farmers Union. Register here.

Material Reuse Forum 6-1:30 to 3pm virtual to explore the role of online materials exchanges in today's economy. Speakers will delve into the challenges these platforms face, such as logistics, trust, and scalability, while also examining their potential viability and the breadth of their impact. Discussions will highlight how these exchanges contribute to sustainable practices and resource efficiency in various industries. Register Now

Permaculture- 6 to 8pm at Education Center, Orleans County CCE, 12690 NY-31, Albion, NY 14411 event focusing on sustainable gardening practices with Kathy Contrino, MG Volunteer. Contact Katie Oakes at (585) 798-4365 ext 125 or email klo54@cornell.edu to register.

Thursday, September 5

Scajaquada Watershed Event: Healing by the Water-5:00 pm - 8:00 pm. Join the Friends of Freedom Park this summer for Healing on the Water. These are every Thursday night, starting July 11 through Sept. 12. They will include music, food, vendor market and more. Meet at the foot of Ferry near Niagara Street. <u>Learn More Here</u>

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.

Invasive Species Management: Post-Treatment Data Collection Workshop- 9 to 11am at Tifft Nature Preserve. Join WNY PRISM for a 2-hour workshop focused on adaptive management and post-treatment data collection! Register Here. This workshop will offer the following NYS pesticide credits: 1.5 credits in categories 2, 3a and 10, and 0.5 core credits. To receive credits, you must register at least 24 hours before the workshop, show up early to sign in, bring your applicators license and attend the entire workshop.

Garden Talks in Batavia or Online-12:00 pm, Join the Genesee County Master Gardeners for their monthly free Garden Talk programs. You can attend in person at the CCE office (420 East Main Street, Batavia) or via Zoom. Registration is required. To attend in person, contact Laura at 585-343-3040 x101 or leg224@cornell.edu. To attend on Zoom, register at "Flower Arranging 101: The Basics of Bouquet Making." Floral design is a rewarding and fun way to be creative with flowers from your garden. Join Master Gardener Brandie as she goes over the basics of creating a fresh garden bouquet. She will cover some design basics as well as several tips and tricks that will have you making flower arrangements like a pro. (Demonstration only.)

In the Life of Jumping Spiders- 1 to 2pm zoom event. Even amongst other bugs, spiders are often overlooked and misunderstood. But these ancient, diverse, and wonderfully weird creatures have a lot to teach us. And the best group of spiders to start with might be jumping spiders: they are colorful, clever, and even cute! Join spider scientist Dr. Sebastian Alejandro Echeverri as he shares the incredible superpowers, dramatic lives, and unexpected beauty of jumping spiders! You will meet species that you can find in both your local gardens and across the world and discover what makes them special. We will also explore the surprising ecological connections between spiders and other wildlife, as well as how to observe and interact with these animals at your comfort level. There will also be a Q&A session, so bring questions about spiders and other arachnids! Register.

Friday, September 6

What's Bugging You: Back to School Head Lice and Bed Bugs-12:00 pm – 12:30 pm. What's Bugging You First Friday is a monthly virtual series that explores timely topics to help you use integrated pest management (IPM) to avoid pest problems and promote a healthy environment where you live, work, learn and play. IPM is a wholistic approach that uses different tools and practices to not only reduce pest problems, but to also address the reasons why pests are present. Each month, speakers will share practical information about how you can use IPM to address common pest problems. Register here.

Twilight at the Museum: Saturn Rising - 8 to 11pm at the Science Museum. These Friday night evenings for all ages offer twilight talks with astronomers, observations of celestial objects from the rooftop deck (weather permitting), and access to all four floors of the Museum. Limited tickets available! All ages <u>Tickets:</u> \$20 per non-member, \$5 for members

Eden Pedal Party - Join is for Slow Roll Buffalo's Eden Pedal Partyfrom 6:30-9:30pm, American Legion, 2912 Legion Drive, Eden, NY 14057. With the goal of bringing the free and inclusive for all Monday Night community bicycling phenomena to a broader region and across New York State, Slow Roll Buffalo has grown to include many rides on non-Mondays, now known as Pedal Parties. These free events function similarly to our Monday Night Community Rides: We meet, ride 10-15 roundtrip miles with 2-3 stops, and return to the start location for an afterparty with food, drinks, and fellowship. Free and open to all! Register to Ride

Evening Stroll at the Falls-05:30 PM - 07:00 PM at Niagara Falls State Park. Join us on a casual stroll of Goat Island to explore and experience the beauty of Niagara Falls. Registration available at Eventbrite.com but not required.

Eastern Equine Encephalitis/West Nile Virus Webinar- Noon with Cornell DVMs. New York Farm Bureau is hosting a webinar about Eastern equine encephalitis (EEE) and West Nile Virus (WNV), viruses spread to humans and horses via mosquito bites. While there is no known treatment for humans, there are vaccines for horses. Register.

Saturday, September 7

Fossil Hunting for Beginners 2024- 10am to noon at Penn Dixie. Learn the tricks of the trade while touring the site with one of our trained educators! During this two hour tour, we'll teach you how to find, dig, and preserve all the fossil treasures you find. Bring your own tools or rent from our limited supply. No experience is necessary! Recommended for fossil hunters ages 7 & up. This program will run rain or shine, dress for the weather. For more information, please visit: penndixie.org/fossil-hunting-for-beginners/

First Saturday at Pelion-10am. Join us the first Saturday morning of each month for some gardening chores and accidental fun. Tasks vary but may include: weeding, watering, light carpentry, planting, harvesting, collecting seeds, starting seed trays, turning soil/compost, transplanting, raking, deadheading, putting up groundhog deterrent fencing, pruning trees and shrubs. Bring your favorite work gloves and water bottle. Pelion Outdoor Classroom at City Honors School, Best Street, Buffalo. Register.

Public Night at Beaver Meadow Observatory- 8pm to midnight. Join Buffalo Astronomical Association for sky viewing. www.Buffaloaudubon.org for directions.

Woods Walk: Wildlife Clues-1pm. How do we know who lives in Reinstein Woods? Animals leave signs behind if we take the time to look. No registration required. Reinstein Woods Nature Preserve.

Walk and Talk at the Niagara Gorge-10am to noon. Join WNY PRISM and NYS Office of Parks, Recreation and Historic Preservation for a Walk and Talk at the Niagara Gorge! Together we'll explore the Niagara Gorge Rim Trail and talk about invasive species that we encounter along the way, including their impacts, how they've been managed and more! Registration is greatly appreciated. Please register at https://bit.ly/2024walkandtalks.

Jenny Glen and Kettle Pond Walk- 1:00 PM , Meet outside Beaver Meadow Nature Center. Come along on an afternoon hike! We'll walk the Jenny Glen boardwalk and then loop around to see our Kettle Pond and learn about glacier activity! Register.

Climate-friendly Kitchen-10am. Enjoy a free cup of coffee or tea while you learn how what we do in the kitchen can help or hurt the environment. Leave with resources and recipes! Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Nature's Supermarket-2:00 PM - 03:30 PM at <u>Beaver Island Nature Center</u>. Walk along the lagoon and learn the unique qualities wetland habitats have to offer. Be greeted by belted-king fishers, great blue herons, and watch as Osprey soar in the sky above! Registration required at <u>Eventbrite.com</u>.

Party in the Park- a Community Resource Fair 11am-2pm at Massachusetts Ave Park. There will be 40 groups involved and will be giving out backpacks and back to school items.

"Co-op Fest" -Cooperation Buffalo and local cooperative businesses will host to celebrate Western New York's growing cooperative economy. Starting at 3pm local cooperative businesses and Cooperation Buffalo will be outside at Five Points Bakery, 44 Brayton St, Buffalo, NY 14213, for this all-afternoon festival. The event will feature food, drink, and products from local cooperatives such as BreadHive Bakery & Cafe, Lexington Cooperative Markets, The Healing Grounds Cooperative Cafe, Farmer Pirates Compost, and many others. There will be live music, games, and family-friendly activities. Beer and wine will be available for purchase, with proceeds benefiting Cooperation Buffalo. Admission open to all, with a suggested donation of \$10. Donate here!

Hike Through History-02:00 PM - 03:30 PM at <u>Niagara Falls State Park</u>. Discover the important people and events that created and protected our nation's oldest state park on this guided walk. Registration available at <u>Eventbrite.com</u> but not required.

West Valley Nuclear Waste Coalition Anniversary Picnic-The Coalition turns 50 this year 2024! Please join us to celebrate on from 2-6 at the Olmsted Camp in Sardinia NY. <u>Details and free registration.</u>

Let's Go Birding Together- 10 to 11am. Join us at the Iroquois National Wildlife Refuge (1101 Casey Rd.) where Ranger Logan from the US Fish and Wildlife Service and Tom Kerr from the Buffalo Audubon Society will be leading a walk for everyone who loves birds and the outdoors. We welcome those who identify as LGBTQ+, allies, families, and anyone who wants to enjoy an outdoor experience that is inclusive! Binoculars will be provided! Pre-registration is required. Send an email to logan_sauer@fws.gov or call/text/leave a message at 612-759-8662.

Field Trip: Purple Martin House Cleaning-Batavia WWTP, 5 Treadeasy Ave, Batavia, NY 14020 (map) RAIN DATE - Sunday, September 8, Leader - Celeste Morien (585) 721-8202 Celeste.morien@gmail.com Meet at 9:00am outside the main building/office of the Batavia WWTP. Come help Celeste Morien dismantle the Purple Martin gourd racks at the Batavia Wastewater Treatment Plant. We will lower the towers, remove the gourd houses and then depart Batavia WWTP to go to Celeste's home in Medina to clean out the gourds and ready them for next spring! Plan to bring a lunch and beverages and wear your old clothes, rubber gloves too.. If you plan on attending, please contact Celeste via phone call or email to let her know!

Sunday, September 8

Cazenovia Creek Fish and Wildlife Management Area Hike- 10:00am – 12:30pm, R7JM+PHJ West Seneca, New York (map). 3-4mi 2A MEET: on Leydecker Road, West Seneca (coordinates on NY DEC Region 9 website). Parking is limited and carpooling is recommended. You can park in the town lot or DEC lot off Leydecker Road by bridge. We will hike up the ridge above Cazenovia Creek (great views of the creek) on trail out and back. For those who want additional miles, you can hike or bike on the adjacent roads of the closed West Seneca Developmental Center campus.

Monday, September 9

Buffalo Waterkeeper Ride-6:00 - 9:30 PM at <u>Buffalo History Museum</u>, 1 Museum Court, Buffalo, NY, 14216 Slow Roll Buffalo Monday Night Community Rides connect communities through guided rides for bicyclists of all ages and skill levels, with a slow pace and volunteer squad that keeps riders safe and social. Each ride features a different host site and unique route around the city, including stops to regroup and meet neighborhood stakeholders before returning to the starting point for an afterparty with food, drinks, music, and fellowship. This event is free. <u>Register.</u>

Citizens' Climate Lobby Meeting- 5:30 to 6:30 pm. The Buffalo-Niagara Chapter of the Citizens' Climate Lobby will hold its chapter meeting at the Downtown Buffalo Library. You can participate either in person or on Zoom. Email buffalo@citizensclimatelobby.org for more info. All are welcome to the meeting to learn how to make a difference on climate change. Are you worried about pollution and climate change? Do you want to communicate powerfully on issues that are important to you? Are you solution oriented? Do you want to encourage your elected officials to take action to mitigate climate disaster? Citizens' Climate Lobby (CCL) is a national nonprofit, nonpartisan organization working to educate citizens on climate solutions.

Tuesday, September 10

Public Hearing on Proposed Regulations to Protect Freshwater Wetlands-1pm and 6pm virtual public sessions. DEC Interim Commissioner Sean Mahar has announced the <u>release of proposed regulations to protect freshwater wetlands</u> across New York State. The draft regulations are now available for public comment until September 19 and would safeguard an estimated one million additional acres of unprotected wetland habitat by expanding the number of wetlands regulated by DEC. <u>Registration for the public hearings</u> can be found on DEC's website.

Master Gardener Fall Gardening Classes-6:30 PM - 8:00 PM. Join Cornell Cooperative Extension (CCE) of Erie County Master Gardener Program volunteers as they host three in-person Fall Gardening Classes in September 2024. *Garbage to Gold: Create Your Own Compost* at East Aurora Senior Center, 101 King St a, East Aurora, NY 14052. Using compost as a soil amendment adds nutrients to your soil and improves its texture, condition and drainage. Learn about the ratio of nitrogen and carbon sources for your compost pile and how to maintain moisture and temperature levels to produce "black gold" for your garden. Presented by Mary Kamien, CCE Erie Master Gardener Volunteer. \$15 per class, Public: \$45 all classes, Master Gardeners: \$40 all classes Register https://reg.cce.cornell.edu/2024 FallGardeningClasses 214

IMAGINE Buffalo Speaker Series: Rev. Richard Augustyn -Virtual. Join us on Tuesdays at 12:30 p.m. via Zoom for the IMAGINE Buffalo Speaker Series! This week's program will feature Rev. Richard Augustyn on "St. Jude Center: History & Future." https://us02web.zoom.us/j/88058124017. Free & open to the public. Each weekly program features a local speaker and Q&A. This series is presented by the Buffalo & Erie County Public Library in conjunction with C-SAAHN and ImagineLifelongLearning.com.

Environmental Importance of Scajacuada Creek: Visioning the Potential-6 to 8pm at Burchfield Penney Art Center Auditorium. Part 1 – Environmental impact of the creek – migratory birdway, RAMSAR designation, fisheries, navigable recreation and eco-tourism – Connie Adams and Erin Redding, New York State Department of Environmental Conservation, Part 2 – Environmental improvements and planning – Sandra Smith, Buffalo Niagara Waterkeeper. Register.

Paddle with the Buffalo Maritime Center-6pm. Learn to paddle with the Buffalo Maritime Center. Experience in a canoe is not necessary and anyone under the age of 18 must be accompanied by an adult. Seats are limited to 10 people, so pick a Tuesday and <u>RSVP here</u>. Check the events calendar for launch sites, cancellations, and updates! For questions email chelsea@buffalomaritimecenter.org.

Journeying Towards Harmony with Nature: Mushrooms- 7pm. Speaker: Elaine Barnett, owner of Heartland Organics in Niagara County. Located in the heart of Niagara County, NY, her farm was founded in the early 1800s. The farm's new focus is on certified organic specialty mushrooms and vegetables (in season), and carries on the tradition of fresh, cut flowers (also in season). UU Church of Amherst, 6320 Main St., Williamsville, 14221. All welcome.

Wednesday, September 11

Hamburg Garden Club- noon at VFW Post 1419, 2985 Lakeview Rd, Hamburg, NY. Salad Bar Luncheon – bring a dish to pass, floral design. Members only.

NYS DEC East Side Environmental Forum- 5:30pm at the Frank Merriweather Jr. 1324 Jefferson Ave., Please contact Kayla Baker for more information, including about how to join online, at kayla.baker@dec.ny.gov or 716-541-9631.

Wednesday Night Sails with the Buffalo Maritime Center-5:30pm – 7:30pm, Prime Street & Lloyd Street, Buffalo, NY 14202, USA (map). Reserve your spot here. Come sail for free with the BMC! Meet us at the corner of Prime and Lloyd to take an evening sail on one of our historic vessels.

Eternal Flame Trail Hike Series-5:30pm at <u>Chestnut Ridge - Eternal Flame Parking area off of Route 277.</u> Come Join a Park Ranger and hike the world-renowned Eternal Flame Trail at Chestnut Ridge Park. This will be a fun-filled educational hike that will take you to the natural phenomenon known as the Eternal Flame! Learn about hemlock forests, local wildlife and more! Register for Eternal Flame Trail Hike Series ~ Chestnut Ridge Park ~

Senior Stroll-10am. Experience nature at your own pace and enjoy a leisurely hour-long guided walk through the woods. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

SciNight Workshop: Insect Pinning- Buffalo Science Museum from 6 to 7:30pm. Hear the inside story behind the Museum's stunning hand-pinned BUG WORKS sign. Learn how to do it yourself in this workshop on relaxing and pinning moths, butterflies, and more. Each participant will receive their own pinning board, spreading materials, and specimens to take home. Register.

Lunch and Learn #1: Scajaquada September Event-12:30 pm - 1:30 pm. A virtual meeting with Waterkeeper staff to talk about upcoming work along Scajaquada Creek and how we are utilizing funding from NOAA to accomplish the tasks. Zoom link will be posted here.

East Side Environmental Forum- 5:30 to 7pm, hosted by New York State Department of Environmental Conservation. This is a space hosted by NYS DEC where residents can raise and discuss environmental concerns in their neighborhood and work towards solutions with our environmental regulators. Topic this month – NYS Urban Heat Plan. Buffalo Frank E. Merriweather Jr. Library, 1324 Jefferson Ave. To join virtually, or for more information, please contact Kayla Baker (kayla.baker@dec.ny.gov) or call 716-541-9631.

Buffalo Ornithological Society Meeting: Member's Night-7pm in the Cummings Room, Buffalo Science Museum. Our first meeting back after summer break. Members...please bring photos from your summer travels to share with the rest of us. Load your photos onto a thumb drive and bring with you.

Thursday, September 12

Scajaquada Watershed Event: Healing by the Water-5:00 pm - 8:00 pm. Join the Friends of Freedom Park this summer for Healing on the Water. These are every Thursday night, starting July 11 through Sept. 12. They will include music, food, vendor market and more. Meet at the foot of Ferry near Niagara Street. <u>Learn More Here</u>

AskNature Hive Inaugural Webinar with Janine Benyus-3pm. We are excited to invite you to join us for the first session in a new webinar series, featuring our co-founder, Janine Benyus. This event marks the beginning of a new chapter for AskNature, as we bring you exclusive insights from leading thinkers and practitioners in the field of biomimicry. In this webinar, Janine will explore the latest in biomimicry, share inspiring case studies, discuss the future of sustainable innovation, and engage in an interactive Q&A session. Register.

Fun Facts and Paved Paths-2:30 PM - 04:00 PM at <u>Niagara Falls State Park</u>. Wind down from summer with an accessible stroll through Niagara Falls State Park while taking in scenic views and interesting history. Registration required at Eventbrite.com.

Green Drinks-5:30pm at Hydraulic Hearth (716 Swan St, Buffalo, NY 14210). The event is also listed on <u>Facebook</u> and on the <u>Green Drinks webpage</u>.

Advancing Equity: A Practical Guide to Engaging and Activating Community Voices- 1pm webinar. Join Groundwork USA and the Center for Creative Land Recycling for an interactive workshop designed to help land reuse practitioners with varying levels of experience and capacity integrate equity best practices into their land reuse projects. The workshop will feature case studies and tools from our recently published toolkit, "Advancing Equity: A Practical Guide to Engaging and Activating Community Voices." During this 90-minute workshop, participants will learn how to effectively use the guide and discover practical steps to embed environmental justice principles in every phase of the land reuse process. This session is perfect for all people working with non-profits, community groups, and local governments dedicated to fostering equitable land reuse. Register.

Community Conversations: Sustainability Journeys- 5 to 7pm. Join us at BriarBrothers Brewing Company for a compelling evening dedicated to telling your sustainability story. Sip on local craft beer as you dive into conversations about the significance of sustainability and the journey you have taken to get where you are today. Network with peers, discover actionable tips, and leave feeling inspired and equipped to continue your journey. Don't miss this chance to connect and engage with a community committed to positive change. FREE for Members, \$15 for nonmembers. Register.

Erie County Agricultural and Farmland Protection Plan- Public Meeting. One of five focus group meetings to share initial findings and gather your thoughts and ideas for updating our Erie County Agricultural and Farmland Protection Plan. 6-8pm at Delavan-Grider Community Center

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.

Nature Trivia Walk -6:00 - 7:00 PM. Meet outside Nature Center. Come along on a hike around Beaver Meadow, where we'll check out all the cool nature we can find while also answering some trivia questions! Register.

Friday, September 13

Evening Stroll at the Falls-05:30 PM - 07:00 PM at <u>Niagara Falls State Park</u>. Join us on a casual stroll of Goat Island to explore and experience the beauty of Niagara Falls. Registration available at <u>Eventbrite.com</u> but not required.

Pond Pallooza-11:00 AM - 12:00 PM at <u>Evangola State Park</u>. Join a Park Naturalist for a pond dip. Look for aquatic insects, amphibians, and more! Registration required at <u>Eventbrite.com</u>.

Senior Hiking Club: Seneca Red Jacket Riverfront Park -1pm at Red Jacket Riverfront Natural Habitat Park - Meeting Location: Park Entrance. Join us as we partner with Erie County Senior Services for their Senior Hiking Club. The Hiking Club is a wonderful opportunity for seniors to stay active and enjoy the beauty of nature in the company of like-minded individuals. Register for Senior Hiking Club ~Seneca Red Jacket Riverfront Park ~

Erie County Agricultural and Farmland Protection Plan- Public Meeting. One of five focus group meetings to share initial findings and gather your thoughts and ideas for updating our Erie County Agricultural and Farmland Protection Plan. Virtual 12-1pm. register at bit.ly/eriefocusgroup.

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

Saturday, September 14

Hike Through History-02:00 PM - 03:30 PM at <u>Niagara Falls State Park</u>. Discover the important people and events that created and protected our nation's oldest state park on this guided walk. Registration available at Eventbrite.com but not required.

Geocaching Adventure-10:00 AM - 11:30 AM at <u>Evangola State Park</u>. You will learn how to use Global Positioning System (GPS) on your phone to find hidden geocaches with clues to solve nature mysteries. For ages 8 and up. Registration required at <u>Eventbrite.com</u>.

GORGEous Wildflowers-10:00 AM - 11:30 AM at <u>Niagara Falls State Park</u>. Enjoy the fall wildflowers and views of the Niagara Gorge as we stroll along the gorgeview trail in pursuit of nature's artwork. Registration required at Eventbrite.com.

Scavenger Hunt on the Gorge- 01:30 PM - 03:30 PM at Whirlpool State Park. Join one of our educators for a guided scavenger hunt along trail 2 to find different signs of life that exist all around us! Registration required at Eventbrite.com.

Buffalo Bonsai Society: Penjing Bonsai-The <u>Buffalo Bonsai Society</u> meets at 1 p.m. The group meets in the STEM Building at SUNY Erie North Campus, 6205 Main St., Amherst.

Woods and Waters-10:00am-12:30pm at Walton Woods Park, Amherst. Join Earth Spirit staff on a at Walton Woods Park in Amherst on this ecology program. We will focus on the wooded and aquatic environments at this park while we look for wildlife and whatever we can find! <u>REGISTER</u> *Pre-registration is required*

Summer's End, Fall's Beginning-10am. Say goodbye to summer and hello to fall during a walk in the woods. We will explore the changes taking place in our forests and ponds as the weather gets colder and the leaves start to turn. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Summer Sunset Hike- 6:30 - 8 p.m. | Ages 5+ at Tifft Nature Preserve. Watch nature get ready to rest and awaken at night as we enjoy a family-friendly guided nature hike through the Preserve at twilight. Register.

Nature Tangle- Noon to 2pm. Join artist and volunteer, Judy Light at the Visitor Center (1101 Casey Rd.) for an abstract nature journaling class. Participants will wander, sketch or photograph patterns, textures, and shapes from nature and use those images to create a black and white drawing of your experience! Registration required! These projects are made possible with funds from the Statewide Community Regrant Program, a regrant program of the New York State Council on the Arts with the support of the office of the Governor and the New York State Legislature and administered by GO ART! Pre-registration is required. Send an email to logan_sauer@fws.gov or call/text/leave a message at 612-759-8662.

Woods and Waters-10:00am-12:30pm at Walton Woods Park, Amherst. Join Earth Spirit staff on a at Walton Woods Park in Amherst on this ecology program. We will focus on the wooded and aquatic environments at this park while we look for wildlife and whatever we can find! **REGISTER**

Confusing Fall Warblers-9:00AM — 11:00AM at Beaver Meadow Nature Center: 1610 Welch Rd North Java, NY 14113. Register.

Local Environmental Awareness Fair - 10:00 AM - 2:00 PM; Boston Town Park, Boston, NY. This annual fair is sponsored by the Town of Boston Conservation Advisory Council and highlights the many organizations and resources available to our greater community that provide education, services, or products related to conservation, wildlife, agriculture, the environment, or the outdoors. There will be activities and fun for the whole family!

Wild Brews- 3 to 6pm at Hawk Creek Wildlife Center. Seasonal beer and wine, food, live music and special animal encounters await you. This exciting evening lets YOU feel like the VIP as you mingle with Hawk Creek's incredible raptors and other animal inhabitants. This fundraiser will be a night you don't want to miss! Event is for guests 21+. RAIN OR SHINE. <u>Tickets.</u> 1963 Mill Rd., West Falls.

Fall Bird Walk-10am to noon at Bond Lake Nature Center. 2571 Lower Mt Rd., Ransomville.

Birding Field Trip: Woodlawn Beach SP -3580 Lake Shore Rd, Blasdell, NY 14219. PLEASE TAKE NOTE OUR ROUTE WILL INCLUDE A CREEK CROSSING SO EITHER WEAR SANDALS OR BE PREPARED TO REMOVE SHOES/SOCKS TO CROSS THE CREEK! Leader - Seaghan Coleman (seaghanc@gmail.com) 716-435-7753. Meet at 730am in the main parking lot. Join Seaghan this morning as our group seeks out migrants during the busy month of September. This will be a half day trip wrapping up around 11:30. Wear footwear appropriate for walking through grassy trails and loose sand.

Sunday, September 15

Hydropower, Industry + **Niagara**-10:30 AM - 12:00 PM at <u>Niagara Falls State Park</u>. A glimpse into the past, what the area around the falls looked like before it became a state park and how the Niagara River was harnessed by hydropower and industry. Registration required at <u>Eventbrite.com</u>.

Fall Community Update Meeting for Buffalo Olmsted Park System- We will be meeting onsite in the parks to check out park projects while on a walk! 9:30am-10:30am | Front of the Crotty Casino at Cazenovia Park | Rain date: Sunday, Sep 29. For any questions, to <u>RSVP</u> or request for accommodations, please visit <u>bfloparks.org/oca/rsvp</u> reach out to Zhi at <u>Community@bfloparks.org</u> or call 716-838-1249, ext. 31.

Monday, September 16

Connecting Places by Bike: Bike Racks w/ The Foundry - 6:30 -9:30 PM Symphony Circle, Buffalo, NY, 14201. Our Circle The Wagons series of Monday Night Community Rides all originate, mass up, and conclude at one of the City of Buffalo's many beautiful circles or roundabouts. The unique design of these routes and venue pop-ups allow for riders to enjoy our usual 10 mile ride, or opt for a shorter 3.5 mile or 7 mile ride if so desired. *This event is free.* Register to Ride

Tuesday, September 17

Paddle with the Buffalo Maritime Center-6pm. Learn to paddle with the Buffalo Maritime Center. Experience in a canoe is not necessary and anyone under the age of 18 must be accompanied by an adult. Seats are limited to 10 people, so pick a Tuesday and <u>RSVP here</u>. Check the events calendar for launch sites, cancellations, and updates! For questions email <u>chelsea@buffalomaritimecenter.org</u>.

Full Moon Walk -8pm. Enjoy a guided walk through the forest at night. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Power of Scajacuada Creek: Flowing to Economic Development- 6 to 8pm at Burchfield Penney Art Center Auditorium. Part 1 – Scajaquada Corridor cultural heritage, an economic driver: the bigger picture – Paris Roselli and Lisa Ludwig, Scajaquada Cultural Corridor, Part 2- GBNRTC Scajaquada Parkway Project – region central – Hal Morse, GBNRTC. Register.

IMAGINE Buffalo Speaker Series: Sheila Brown Virtual- 12:30 p.m. via Zoom for the IMAGINE Buffalo Speaker Series! This week's program will feature Sheila Brown of WUFO Radio and the Black Radio History Collective. https://us02web.zoom.us/j/89615550515. Free & open to the public.

Toddler Time: Finding Fossils - 10:30 AM - 11:30 AM. Meet outside the Nature Center. Let's find some fossils! We'll look for fossils around our nature center, make a craft, and have a snack! Toddler Time is best for ages 2 - 4. Buffalo Audubon Member - \$10, General Admission - \$15. Register.

Wednesday, September 18

Wednesday Night Sails with the Buffalo Maritime Center-5:30pm – 7:30pm, Prime Street & Lloyd Street, Buffalo, NY 14202, USA (map). Reserve your spot here. Come sail for free with the BMC! Meet us at the corner of Prime and Lloyd to take an evening sail on one of our historic vessels.

Eternal Flame Trail Hike Series -5:30pm. <u>Chestnut Ridge - Eternal Flame Parking area off of Route 277</u> Come Join a Park Ranger and hike the world-renowned Eternal Flame Trail at Chestnut Ridge Park. This will be a fun-filled educational hike that will take you to the natural phenomenon known as the Eternal Flame! Learn about hemlock forests, local wildlife and more! <u>Register for Eternal Flame Trail Hike Series ~ Chestnut Ridge Park ~</u>

Master Gardener Fall Gardening Classes-6:30 PM - 8:00 PM. Join Cornell Cooperative Extension (CCE) of Erie County Master Gardener Program volunteers as they host three in-person Fall Gardening Classes in September 2024. Eight Rules for Overwintering Plants at Parkside Lodge, 84 Parkside Avenue, Buffalo, NY. Many garden plants can be overwintered as houseplants or by allowing them to go dormant in a protected spot. Others can be dug up and stored, including dahlias, begonias, cannas, and geraniums. Learn the best practices for helping your plants survive until the next season. Presented by Margaret Raupp & Kathi Scanlon, CCE Erie Master Gardener Volunteers. \$15 per class, Public: \$45 all classes, Master Gardeners: \$40 all classes. Register

PUSH Green Tour-5pm. Learn about PUSH Buffalo's mission in action. Walk through the neighborhood and hear about our ongoing and completed affordable housing projects, workforce training projects, climate action initiatives, and more. *Tours last between 1-1.5 hours & are approx. 1.5 miles*.

Behind-The-Scenes Collections Tours: Cabinet of Curiosities-Buffalo Museum of Science, 6 to 7:30pm. 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.

Buffalo River Stewardship Network Meeting-5:30 PM to 7 PM at the Heritage Discovery Center, 100 Lee St, Buffalo, NY 14210. At this event you will hear about exciting plans Buffalo Niagara Waterkeeper, Erie County Parks, and Buffalo Niagara River Land Trust have for the Buffalo River Corridor. As community members who are directly impacted by the work these partners do, your input and engagement are critical to the success of these projects, as well as any future work that might be done in the area! Join in to share your ideas, and for fun and refreshments! Register Below! Registration is not required but encouraged. Register

Assessing Community Vulnerabilities to Potential Contaminant Releases from Extreme Events-3-4 pm ET Extreme events (e.g., excessive heat, droughts, floods, wildfires) are projected to be more frequent and intense under future climate scenarios. During extreme events, contaminated sites and waste management facilities have the potential to release contaminants and impact nearby communities. Understanding the risks to communities from potential exposures to water- and airborne contaminants underlies preparedness, emergency response, and mitigation planning. To better understand and communicate what is known and unknown about such risks, EPA ORD developed indicators of environmental, public health, socioeconomic, or other conditions to assess community vulnerabilities to potential contaminant releases from extreme events. The Handbook on Indicators of Community Vulnerability to Extreme Events: Considering Sites and Waste Management Facilities provides the conceptual framework and indicators approach. Join the webinar to learn more about the handbook and how to use the approach. Register for the webinar.

Evening Hike at Beaver Meadow- 6:00 PM - 7:00 PM, Meet outside Nature Center. Head out for an evening hike at Beaver Meadow. We will hike about a mile and watch the sun begin to set over our Beaver Pond. Register.

Thursday, September 19

Innovations in Harmful Algal Bloom Monitoring Technology-12 to 1pm webinar. Managing Harmful Algal Blooms (HABS) has been a priority across the globe for years and the 2014 Toledo Water Crisis elevated this challenge to become one of the most pressing Great Lakes water quality concerns. Lab analysis and optical sensors have long been the go-to methods for monitoring HABs, but the emergence of new solutions leveraging AI-powered microscopy, eDNA and eRNA, and low cost sensors may revolutionize our approach to collecting these critical data. This panel discussion will engage industry experts and research leaders to explore the next generation of HAB monitoring technology. Register.

Peach Jam & Cucumber Pickling Workshop-Tifft Nature Preserve. 7 to 9pm. Forget plastic packaging and long-distance food miles! Learn to preserve (and take home) your own fruit jam and pickled cucumbers with local food in-season during this introductory workshop. Ages 18+, Advance registration required. <u>Tickets:</u> \$30; BMS Members receive 10% off

Erie County Agricultural and Farmland Protection Plan- Public Meeting. One of five focus group meetings to share initial findings and gather your thoughts and ideas for updating our Erie County Agricultural and Farmland Protection Plan. 6-8pm at Clarence Town Hall.

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.

Conservation Celebration-6:00 - 9:00 p.m. at Blueberry Treehouse Farm, West Falls, NY. The Western New York Land Conservancy is shaking things up and getting back to nature! This family-friendly celebration will include live music, delicious local food and drinks, and a night under the stars! The event will also honor several exceptional Land Conservancy supporters. <u>Tickets.</u>

A Poison Like No Other: Micro/Nanoplastics- 6pm. <u>REGISTER</u>. Matt Simon talks about his recent book, <u>A Poison Like No Other</u>, covering the ecological, climate, and human health impacts of this dangerous pollutant.

Friday, September 20

Evening Stroll at the Falls-05:30 PM - 07:00 PM at <u>Niagara Falls State Park</u>. Join us on a casual stroll of Goat Island to explore and experience the beauty of Niagara Falls. Registration available at <u>Eventbrite.com</u> but not required.

Friday Morning Birding: Ghost Pond-8:00 AM to 9:30 AM. Meet outside Beaver Meadow Nature Center for carpool to Ghost Pond. Join us for weekly birding with Buffalo Audubon Board Member Bill Massaro. This week we will be visiting Ghost Pond, one of our preserves that is adjacent to Beaver Meadow. Binoculars are available. Buffalo Audubon Members – Free, General Admission - \$10.00. Register.

Saturday, September 21

North Tonawanda Botanical Garden Volunteer Opportunity-9 am – noon at North Tonawanda Botanical Garden, 1825 Sweeney Street, North Tonawanda NY 14120. Volunteers from North Tonawanda Botanical Garden Organization (NTBGO) lead community volunteers in garden projects. Take gloves and water, dress for the weather. This activity qualifies for Community Service Hours. Tools and instruction provided. Contact ntbgo@hotmail.com for more information.

Native plant sale in North Tonawanda-9am to noon at North Tonawanda Botanical Garden 1825 Sweeney St., North Tonawanda. Native plants, shrubs and trees grown by NTBGO will be for sale to the public. Planting information will be available. Prior to the sale, check https://ntbgo.weebly.com/ to see what plants are available.

Tails on Trails-10:30 AM - 12:30 PM at Niagara Falls State Park. Bring your furry friend on this casual walk along our scenic overlooks of the Niagara Gorge. It is not necessary to have a dog to participate, however, all dogs must be up to date on immunizations, leashed, and under control. Registration required at Eventbrite.com.

Summer Bug Adventure-2 to 4pm at Tifft Nature Preserve. Celebrate summer coming to an end with a bug hunt like no other at Tifft Nature Preserve! Search for live six-legged, eight-legged, and no-legged neighbors in the wild using scientific collection techniques along the trails and in the water. Also enjoy indoor kids crafts, activities, and real edible insects available to taste - if you dare! All ages, advance registration required. Tickets: \$12*. Tickets.

Birding Field Trip: Point Gratiot with Devin Banning and Katelyn Davis-Leader: Devin Banning Devin.Banning@fredonia.edu. Meet at 8am at the Brooks Pavilion at Point Gratiot Park, Dunkirk. The Brooks Pavilion is the main pavilion inside the park. The target for this trip is the park's resident Red-headed Woodpeckers, but The Point also offers superb habitat for migratory songbirds, and the beaches frequently host migrant shorebirds.

Dare to Repair Café-11:00am to 2:00pm, Kenmore Public Library, 160 Delaware Rd., Kenmore. Bring your broken items (lamps, small appliances, etc.) to the repair cafe and have volunteer "fixers" try to repair the items for free. This event is designed to reduce waste going into landfills and to build community. Register for the event at https://thetoollibrary.org/daretorepair/ or for more information, call 716-683-5959.

Hike Through History-02:00 PM - 03:30 PM at <u>Niagara Falls State Park</u>. Discover the important people and events that created and protected our nation's oldest state park on this guided walk. Registration available at Eventbrite.com but not required.

24th Annual Fall Festival-10am to 4pm. Kick off the fall season by spending a day in the woods. Enjoy handson activities, crafts for kids, live animals, food, live music, and more! Call 716-683-5959 or visit www.reinsteinwoods.org/events/ for more information. No registration required. Reinstein Woods Nature Preserve.

Harvest Roll- Slow Roll Buffalo's annual curated ride-experience and fundraiser, exploring urban farms and food systems. Saturday, September 21, 2024, 1:00 - 4:00 PM, The Nickel Plate 1500 Clinton Street, Buffalo, NY, 14206. Ticket-to-roll events are fundraising rides that provide additional opportunities to increase Slow Roll Buffalo's capacity and community impact. These events are a major differentiation from our "free for all" Monday Night Community rides. Each has a unique theme, celebrating things such as urban farms, Buffalo's cannabis culture, and Halloween. Ticket to Roll events have limited capacity and include food, drink, and a curated ride experience. \$50 Donation. Tickets Available Here

Sunday, September 22

Fall Equi-Knox Stroll-10:00 AM - 11:30 AM at <u>Knox Farm State Park</u>. Stroll through Knox Farm during the fall equinox. Enjoy a guided walk to observe nature's changes during the fall season. Registration required at <u>Eventbrite.com</u>.

Monday, September 23

Urban Farms Day Monday Night Community Ride - 6:00 -9:30 PM, <u>Niagara Frontier Food Terminal</u> 1500 Clinton Street, Buffalo, NY, 14206. Slow Roll Buffalo Monday Night Community Rides connect communities through guided rides for bicyclists of all ages and skill levels, with a slow pace and volunteer squad that keeps riders safe and social. Each ride features a different host site and unique route around the city, including stops to regroup and meet neighborhood stakeholders before returning to the starting point for an afterparty with food, drinks, music, and fellowship. This event is free. Register to Ride

Lunch & Learn #2: Scajaquada September Event-12:00 pm - 1:00 pm. This virtual meeting will highlight the feasibility study currently taking place along Scajaquada Creek within the Town of Cheektowaga. We are working with U.S. Army Corps of Engineers Buffalo District to conduct the study. A Zoom link will be added here

"Climate Action: Solutions for Small Business" -4 to 6pm. The Buffalo State Small Business Development Center, Erie County Department of Environment and Planning, and the WNY Sustainable Business Roundtable are hosting at the Buffalo State Alumni Center. Learn how to implement sustainable practices for tangible business benefits. Hear local businesses share their sustainability journeys and discover solutions and resources to help your business thrive. Register Now!

Tuesday, September 24

IMAGINE Buffalo Speaker Series: Jack Messmer- Virtual, 12:30 p.m. via Zoom for the IMAGINE Buffalo Speaker Series! This week's program will feature Jack Messmer of the Buffalo Harbor Museum. https://us02web.zoom.us/j/86727283807 Free & open to the public.

Moving to Action: Scajacuada Creek - 6 to 8pm at Burchfield Penney Art Center Auditorium. A candid panel discussion with community leaders. Register.

Zoar Valley Coalition Public Meeting- 7pm. Join the Zoar Valley Coalition at a public forum on the united effort to stop the logging of Zoar Valley by the NYS Dept. of Environmental Conservation and the CT/NY Audubon Society. The DEC has scheduled timber sales of hundreds of acres in Zoar Valley, and Audubon wants to clear mature forests there to establish non-forested areas for birds. Find out why these are both unsustainable ideas and how you can help. Daemen University, 4380 Main St., Amherst, Schenck Hall, Room 202. Parking in lots L, M & N. See map.

"Climate change risks for Import-dependent and Major Food-producing Countries- 10 to 11:30am virtual. Join academic experts and practitioners for a conversation on the findings of the new report. They'll exchange ideas on the study and management of ways in which climate change will affect agricultural production and trade, particularly in cereals, and how these risks can be mitigated. Learn more about our presenter and discussants here. Register.

Wednesday, September 25

Clean Air General Meeting- 5:30-7pm, Trinity Church 371 Delaware Ave. Click here to register.

Family Fishing: Chestnut Ridge Park -5:30pm at Chestnut Ridge - Chestnut Ridge Park Reservoir Fishing Pier Parking Lot. Come Join a Park Ranger and learn how to fish! This fishing program that will teach young park users and their parents/guardians the basics of fishing! Learn how to cast, bait a hook, set the hook, safe handling, and fish identification! Don't have fishing gear? The Rangers will have rods and reels available for kids to use, as well as bait (worms and corn). This program has received an exemption from the NYSDEC, and all kids and parents/guardians registered for the program will qualify for free fishing (no fishing license required) for the duration of the program. REGISTRATION REQUIRED, CALL TO REGISTER AT 716-858-8355

West Valley Citizen Action Task Force Meeting- 6:30 – 8:00 p.m. at Ashford Office Complex, 9030 Route 219, West Valley. On-line webinar: Register here

Thursday, September 26

Why Won't Anyone Listen? - 2pm. Our guest, Dr. Elizabeth Sawin, will share ideas and resources to help you have impactful conversations with anyone about important social and environmental issues. Do you find people changing the subject when you speak up about climate change? Have you ever torpedoed the mood of a gettogether just by mentioning an environmental problem? Could it be that we—the well-intentioned environmentalists—should be doing something different? Register.

Moss Terrarium Workshop- 6:00 pm - 7:00 pm at Botanical Gardens. Cost: 40.50 – 45. Have you ever wondered what goes on in the tiny world of mosses? In this workshop, we will be learning and discussing the basics of moss, including their environment, structure, and types of moss that you would find growing in Western New York. You will then construct your very own moss terrarium, complete with small decorations of your choice. We will go over moss maintenance, and you will be on your way with your own tiny moss world! All plant material and supplies are included. <u>Tickets.</u>

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.

Buffalo Waterfront Book Signing and Discussion-6:00 - 7:30 PM at Erie Canal Boat *Seneca Chief* Commercial Slip, Canalside | 44 Prime Street Buffalo, NY 14201. Noted City planner and author Gene Bunnell's long awaited study of Buffalo's waterfront has just been released by S.U.N.Y. Press. Bunnell's book tells the remarkable story of how Buffalo's post-industrial waterfront was reclaimed for public use and enjoyment and pays tribute to the many local citizens and nongovernmental organizations that made the city's waterfront renaissance possible. The cost for admission is pay what you can. Please bring your own chair, as seating will be in front of the canal boat.

Erie County Agricultural and Farmland Protection Plan- Public Meeting. One of five focus group meetings to share initial findings and gather your thoughts and ideas for updating our Erie County Agricultural and Farmland Protection Plan. 6-8pm at Holland Town Hall.

Friday, September 27

Evening Stroll at the Falls-05:30 PM - 07:00 PM at <u>Niagara Falls State Park</u>. Join us on a casual stroll of Goat Island to explore and experience the beauty of Niagara Falls. Registration available at <u>Eventbrite.com</u>.

Friday Morning Birding: Beaver Meadow-8:00 AM to 9:30 AM. Meet outside Nature Center. Join us for weekly birding with Buffalo Audubon Board Member Bill Massaro. This week we will be visiting Ghost Pond, one of our preserves that is adjacent to Beaver Meadow. Binoculars are available. Buffalo Audubon Members – Free, General Admission - \$10.00. Register.

Saturday, September 28

Penn Dixie Astronomy Night-7pm. Join us at Penn Dixie for a truly *stellar* experience! Our astronomers will map the night sky — including stars, planets, constellations, and deep space objects — for you using a variety of telescopes and specialized equipment. Guests are encouraged to bring lawn chairs, warm clothing, blankets, a flashlight, and food/beverages. We'll have plenty of telescopes, but you can bring yours along, too. All ages welcome. Registration is not required. Check our social media for weather-related updates. Please plan to arrive a few minutes before the scheduled start time so that you have time to use the restroom and set up your lawn chairs / blankets. If you arrive after the start time, we ask that you dim your headlights when pulling into the parking lot.

Hike Through History-02:00 PM - 03:30 PM at <u>Niagara Falls State Park</u>. Discover the important people and events that created and protected our nation's oldest state park on this guided walk. Registration available at <u>Eventbrite.com</u> but not required.

Spring Plant and Seed Exchange-The Samuel P. Capen Garden Walk will hold a spring plant and seed exchange from 10am-2pm at University Presbyterian Church, 3300 Main St., corner of Niagara Falls Blvd., Buffalo. This is a free exchange of perennials, annuals, vegetables and seeds by ARTseeds. There will also be a sale of garden art, pots, vases and other gardening paraphernalia. The group welcomes donations of gently used garden art, pots, tools, etc. A raffle will be held to support the Christine Brooks Garden Grant.

National Drive Electric Week: Electrify Lewiston- 1 to 4pm at Gallo Coal Fire Kitchen, 402 Center St. Lewiston, NY 14092. Will your next car be electric? How will you charge it? At home - and public charging stations? Bring your questions, your appetite, and the family to Gallo Kitchen's downtown Lewiston patio where you'll mix with EV drivers, dealer representatives from Basil Ford & Mitsubishi, charging installers, and many more for an afternoon of community conversation and FREE fun! Register.

Fall Fest: Como Lake Park -10am - 4pm at <u>Como Lake.</u> Parking in Como Lake Park will be limited! Visitors are strongly encouraged to park at the William Street School (5201 William St, Lancaster, NY 14086) and take the FREE shuttle bus to the event. Shuttles will run continuously to and from the event.

Invasive Species Walks and Talks with Kristie Munson- 10am to noon. Grab a cup of your favorite coffee or tea on a Saturday morning and enjoy an Invasive Species Walking Tour with Workforce Development and Education Manager Kristie Munson. This tour will outline what invasive species are present in the parks and teach guests how the BOPC is removing them through clean-ups, plantings, and more. Comfortable shoes are highly recommended. FREE and open to the public, registration required.

Register for South Park

Doors Open Buffalo- 10am to 4pm, free but registration required. Enjoy access to 35 downtown landmarks and historic sites. View a building list and <u>register</u>.

Fish and Wildlife Day- Free. Wildlife shows, conservation and science activities, and a glimpse of Tuscarora culture top the program at the New York Power Authority's Wildlife Festival Sept. 28. The free family festival, co-sponsored by the Niagara County Federation of Conservation Clubs (NCFCC), will run both days from 10 a.m. to 5 p.m., rain or shine. NY Power Authority, 5777 Lewiston Road · Lewiston, NY.

Fall Gardening: Tips for a Productive Garden Next Year- Master Gardener Fall Gardening Classes 10:00 AM - 11:30 AM. Join Cornell Cooperative Extension (CCE) of Erie County Master Gardener Program at Roswell Park Community Outreach Center, 907 Michigan Ave. Buffalo New York 14204. What should I do in the garden this fall? What jobs can wait until spring? Can I plant trees now? What perennials should I leave standing and which should I cut back? Get the answers to these questions and more to get a head start on next year's garden. Presented by Lyn Chimera, CCE Erie Master Gardener Volunteer. \$15 per class, Public: \$45 all classes, Master Gardeners: \$40 all classes. Register https://reg.cce.cornell.edu/2024_FallGardeningClasses_214

Paint Only Collection Event at Niagara Town Park-9am to 1pm at 7000 Lockport Rd. Bring unwanted Paint for free recycling! Registration coming soon.

Nature & Me Early Childhood Series-Tifft Nature Preserve, 10 a.m. - 12 p.m. Ages 3-5. Explore the Autumn season with your tiny naturalist through guided playful indoor activities and crafts inspired by the esteemed Reggio Emilia philosophy! Guided trail walk included (weather pending). BYO snack to enjoy afterwards. Register.

Birding by Beginners for Beginners- 10am. Take flight into the world of birding! Learn how to identify birds using a field guide and how to use a pair of binoculars. For adults and children ages 13 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

DIY Seed Collection and Propagation-1:30pm. Learn how to propagate seedlings from known seeds and/or cutting sources that you can do yourself. You will learn how and when to collect, store, extract, and germinate the seeds you collect. We will also discuss the care these young seedlings need during their first growing season. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

3rd Annual Living Green Festival-Noon to 6:00 pm! UU Church of Amherst, 6320 Main St., Williamsville, 14221. Tables, Goats to Roam, talks and more. Free to public.

Sunday, September 29

Sweater Weather Woof Walk-10:00 AM - 12:00 PM at <u>Knox Farm State Park</u>. Enjoy a leisurely walk with your dog and a Park Naturalist to see the fall foliage. It is not necessary to have a dog to participate, however, all dogs in attendance must be up to date on immunizations, leashed, and under control. Registration required at Eventbrite.com.

National Drive Electric Week: Electrify Lewiston- 1 to 4pm at Gallo Coal Fire Kitchen, 402 Center St. Lewiston, NY 14092. *Will your next car be electric? How will you charge it? At home - and public charging stations?* Bring your questions, your appetite, and the family to Gallo Kitchen's downtown Lewiston patio where you'll mix with EV drivers, dealer representatives from Basil Ford & Mitsubishi, charging installers, and many more for an afternoon of community conversation and FREE fun! Register.

Summer Kids Hike Series: Colors of Fall- 2 to 3pm. Join Western New York Land Conservancy Staff and volunteers this summer for a series of kids hikes throughout western New York, where learning and adventure come together! These guided hikes will invite kids and their families to explore nature and wildlife throughout our preserves. Location: College Lodge Forest. NOTE: At least one parent <u>must</u> accompany each registered child on each hike. In the event that we have to postpone the event due to weather or other circumstances, a rain date will be scheduled at a later date. Register

Butterfly Bookmarks- 1 to 3pm. Bond Lake Nature Center. 2571 Lower Mt Rd., Ransomville.

Nature Journaling-12:30 PM - 02:00 PM at <u>Evangola State Park</u>. Create a nature journal then join a Park Naturalist on a guided walk to find wildlife to fill the pages. Registration required at <u>Eventbrite.com</u>.

Birdsong Park Hike -1:00 pm - 3:00 pm. Join Buffalo Niagara Waterkeeper and our friends at Outside Chronicles for a relaxing headwaters wetland hike through Birdsong Park in Orchard Park. We'll meet in the parking lot off Jewett Holmwood Road in the Birdsong subdivision. The hike will be approximately 1.5 hours. Come get some fresh air before cheering on the Bills later in the evening! The event is free, but registration is required for planning purposes. Register Here

Monday, September 30

Imperial Pizza Life Ride- 6:00 - 9:00 PM, Brookdale Park, 293 McKinley Pkwy, Buffalo, NY 14220. Slow Roll Buffalo Monday Night Community Rides connect communities through guided rides for bicyclists of all ages and skill levels, with a slow pace and volunteer squad that keeps riders safe and social. Each ride features a different host site and unique route around the city, including stops to regroup and meet neighborhood stakeholders before returning to the starting point for an afterparty with food, drinks, music, and fellowship. *This event is free*. Register to Ride

Tuesday, October 1

First Tuesday at Pelion-3:30-5:30. Join us the first Tuesday of each month for some gardening chores and accidental fun. Tasks vary but may include: weeding, watering, light carpentry, planting, harvesting, collecting seeds, starting seed trays, turning soil/compost, transplanting, raking, deadheading, putting up groundhog deterrent fencing, pruning trees and shrubs. Bring your favorite work gloves and water bottle. Pelion Outdoor Classroom at City Honors School, Best Street, Buffalo. Register.

Fall Community Update on Buffalo Olmsted Park System-. We will be meeting onsite in the parks to check out park projects while on a walk! 6pm-7pm | Front Park Shelter by the playground | Rain date: Thursday, Oct 3. For any questions, to <u>RSVP</u> or request for accommodations, please visit <u>bfloparks.org/oca/rsvp</u> reach out to Zhi at <u>Community@bfloparks.org</u> or call 716-838-1249, ext. 31.

IMAGINE Greater Buffalo as a Premier Cultural & Nature Center- 12:30 – 1:00 P.M. Speaker: Alan Davis, President, Friends of Griffins Mills, "Sojourner Truth Spoke Here October 1, 1868" Free via zoom. https://us02web.zoom.us/j/85916548251

Wednesday, October 2

Free community nights at the Botanical Gardens-5:00 pm – 8:00 pm. Enjoy free admission to the Buffalo and Erie County Botanical Gardens on the first Wednesday evening of each month in 2024. Each date will feature a different theme, activities, and local partnership celebrations from 5-8pm. Visitors can enjoy a self-guided tour of the Botanical Gardens, fun scavenger hunts and experience activities, information tables, programs, performances and more from local partners. Reservations are suggested but not required. If your wish to reserve a ticket go to: https://www.buffalogardens.com/products/free-community-nights

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).*

Thursday, October 3

Garden Talks in Batavia or Online-12:00 pm, Join Genesee County Master Gardeners for their free monthly program. You can attend in person at the CCE office (420 East Main Street, Batavia) or via Zoom. Registration is required. To attend in person, contact Laura at 585-343-3040 x101 or leg224@cornell.edu. "Pick your Poison (Part 2)." Poisonous plants have been utilized throughout history with murderous intent. They are also a favorite tool of murder mystery writers. Join Master Gardener Connie as she explores three plant derived poisons — Strychnine, Ricin and Digitalis, and their impact in history and literature. (This is a follow-up from the October 2023 Garden Talk.)

Natural Garden Medicine Workshop-6 to 7pm at Botanical Gardens. There is medicine growing all around us! From the beginning of time, humans have relied on nature to keep us healthy, but somewhere along the way we lost touch with the medicine that plants can provide. In this hands-on session, we'll use easy-to-grow medicinal herbs and combine them with honey and beeswax to create simple natural remedies. Each participant will leave with the remedies they create in class, and a feeling of empowerment to grow and create their own apothecary items at home. *Registration closes on September 30*. <u>Tickets.</u>

Erie County Agricultural and Farmland Protection Plan- Public Meeting. One of five focus group meetings to share initial findings and gather your thoughts and ideas for updating our Erie County Agricultural and Farmland Protection Plan. 6-8pm at North Collins Senior Center.

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.

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.

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>

- https://www.govtrack.us/congress/bills/subjects/environmental_protection/6038 provides a listing of federal environmental legislation that is pending.
- https://legiscan.com/NY/pending/assembly-environmental-conservation-committee/id/365 provides a list of environmental legislation pending for the NY Environmental Conservation Committee.

Tips for the Environment:

- Plan your school/work lunch- use reusable containers, bags, water bottles, utensils and cloth napkins.
- Less Lawn, More Life- Check out this campaign sponsored by Re:wild Your Campus and reimagine your outdoor space to become a climate change hero. The 8-week campaign began August 1, but you can still participate. Enjoy expert webinars and chances to win exciting prizes. Don't miss this opportunity to create a greener, more vibrant future right in your own backyard! Join the Challenge.

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 https://filemaker.epd-pgh.com/fmi/webd/GreenGuardians 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 http://www.buffalocarshare.org/volunteer.html.

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

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

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 volunteer@buffaloreuse.org.

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

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

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

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

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

Hawk Creek Wildlife Center is seeking volunteers 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 www.homeny.org.

Iroquois National Wildlife Refuge-lots of options <u>here</u>.

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 jssbuffalo@yahoo.com

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

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

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. Info.

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

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 tifftreservations@sciencebuff.org.

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 https://www.facebook.com/wnyseedlibrary/

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

<u>Tree Equity Score Tool</u>- 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

Recycle Coach-Erie County resident app for info on trash and recycling in their towns

Pollution Prevention Institute Tools for businesses, households, others

The ABCs of Soil Health

DIY Calculators for supplies

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- http://buffalotours.blogspot.com/

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

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

Campaign for Buffalo History, Architecture and Culture- http://greaterbuffalo.blogs.com/

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

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

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

Edible Buffalo- http://ediblebuffalo.wordpress.com/

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

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- https://www.patreon.com/anourishingharvest

Parks and Trails NY Trailfinder Site- http://www.ptny.org/trailfinder/Default.aspx

Recycle Right NY- https://recyclerightny.org/

Reuse Action-http://reuseaction.com/blog/

Rochester Environment- http://www.rochesterenvironment.com/

WNY Enviro- http://groups.yahoo.com/group/WNY-ENVIRO/

Outdoors Niagara- http://www.outdoorsniagara.com/

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

Buffalo Architecture and History- http://www.buffaloah.com/

Richardson-Olmsted http://www.richardson-olmsted.com/

Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029

Black Dog Rescue- www.blackdogsecondchance.org

Peace Weavers- http://peaceweavers.org/

Eco-Island Nature Center- https://www.grandislandschools.org/domain/49

NY Sport Fishing- http://www.fishny.com/

Erie Canal Trailway- www.ptny.org/bikecanal

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

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

We Love Outdoors-http://www.weloveoutdoors.com/

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

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

Citizen Science Opportunities- <u>listing</u>

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 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- https://filemaker.epd-pgh.com/fmi/webd/GreenGuardians

NOAA Internships- NOAA Student Opportunities Website

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. https://heritageacresmarket.com/backyard-bounty-podcast/

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

Eastern Monarch Butterfly Farm- https://www.facebook.com/EasternMonarchButterflyFarm

Falkimmer Farms- https://www.facebook.com/FalkimmerFarms/

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

Farmers and Artisans- http://farmersandartisans.com

Farmthisway CSA - http://www.farmthisway.com/

Fenton's Produce-www.fentonsproduce.com

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

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

Fleckenstein Farms-https://www.fleckensteinfarms.com/

Food Future WNY- www.foodfuturewny.org

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

Goodman Farms- https://goodmanfarms.net/

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

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

Gregs U-Pick- http://gregsupick.com/

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

Happy Shacks Oils-free seed library https://happyshackoils.com/

Healthy Living Farm- https://www.healthylivingfarm.com

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

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

Kindred Kreek Farms- https://www.kindredkreek.com/

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

Little Bear Farm- http://www.littlebearfarm.harvesthand.com/

Little Woods Farm-https://www.littlewoodsfarmalden.com/

McCollum Orchards- http://mccollumorchards.com/

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

Native Offerings- http://nativeofferings.com/

Niagara Malt- www.niagaramalt.com

Plato Dale Farm- https://platodalefarm.com/

Porter Farms- http://www.porterfarms.org/

Produce Peddlers-https://producepeddlers.com/

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- http://utleyacres.com/

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

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

WNY Farmers' Markets- http://www.bestofwny.com/farmers market/

Local Harvest (resource site with map of CSAs)-http://www.localharvest.org/

Local Meats- http://meatsuite.com/

NY State Fruit and Vegetable Harvest Calendar- https://www.agriculture.ny.gov/HarvestCalendar.html

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-http://sweetflagherbs.com/

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 www2.erie.gov/recycling/index.php?q=node)

- 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
- Year Round: Reuse 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 http://gobikebuffalo.org/

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

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

Hearts for the Homeless -to see what is accepted https://www.nysar3.org/page/re-clothe-ny-78.html

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

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

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

Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs

Construction Materials-Buffalo ReUse, Habitat for Humanity Restore

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 http://donateglasses.net/search.html for sites accepting donations

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

Fur coats (incl faux fur)- http://coatsforcubs.com (used for animal rehab for young animals)

Furniture-Goodwill, Salvation Army, Amvets and other charities

Gift cards and customer loyalty cards- http://www.earthworkssystem.com/consumers.html

Green Cleaning programs in the workplace-https://greencleaning.ny.gov/Entry.asp

Greeting Cards- http://www.stjudesranch.org/shop/recycled-card-program/

Hazardous Household materials- http://www.hazmanusa.com/

Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,

Ink cartridges-RecyclePlace.com and most manufacturers

Mascara Brushes- Contact wildlife rehabilitation facilities or here

Mattresses- http://triadrecycle.com/mattress/ Hazman, Buffalo ReUse ReSource

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

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

Packaging Materials (bubble wrap, peanuts)-UPS Store

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.plasticfilmrecycling.org

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

Recycling A to Z - realsimple

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

Sports equipment-resell/trade at www.playitagainsports.com

Styrofoam- Thermal Foams, Inc. 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.greengurugear.com/pages/recycling-to-upcycle-program Searchable lists- https://search.earth911.com/, https://search.earth911.com/)

Eco-volunteering with Travel:

http://www.planetfriendly.net/learn.html

http://www.globalteer.org

http://www.ecovolunteer.org/

http://www.goeco.org/

http://www.wwoof.org/

http://www.americanhiking.org/

Education Courses, 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, 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 CertifiedTM - 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 http://adk-nfc.org/

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

Air and Waste Management Association https://awmanfs.wildapricot.org/

Allegany Nature Pilgrimage http://alleganynaturepilgrimage.com/

Alliance for the Great Lakes www.greatlakes.org

American Planning Association-WNY Section/Upstate http://nyupstateplanning.org/www.wnyapa.com

Amherst State Park Arboretum http://www.amherststatepark.org/ASP/Welcome.html

Aquarium of Niagara www.aquariumofniagara.org

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

Aurorans for Climate and Environmental Sense https://www.facebook.com/aceseastaurora

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

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

Birds on the Niagara http://www.birdniagara.org/

Black Rock Riverside Alliance https://brralliance.org/

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

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

Buffalo Architecture Foundation http://www.buffaloarchitecture.org/

Buffalo Astronomical Association http://buffaloastronomy.com/

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

Buffalo Blueway https://buffaloblueway.com/

Buffalo Central Terminal https://buffalocentralterminal.org/

Buffalo Go Green https://buffalogogreen.org/

Buffalo Niagara Community Reinvestment Coalition https://www.facebook.com/BNCRC/

Buffalo Niagara Gardening https://buffalo-niagaragardening.com/

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

Buffalo Farm to School Program https://www.facebook.com/BuffaloF2S/

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

Buffalo Heritage Carousel http://buffaloheritagecarousel.org/

Buffalo Maritime Center http://www.buffalomaritimecenter.org/

Buffalo Museum of Science www.sciencebuff.org/

Buffalo Niagara Heritage Village http://bnhv.org/

Buffalo Niagara Waterkeeper https://bnwaterkeeper.org/

Buffalo Olmsted Parks Conservancy www.bfloparks.org

Buffalo Orienteering Club https://buffalo-orienteering.org/

Buffalo Ornithological Society https://www.buffaloornithologicalsociety.org/

Buffalo Recycles http://buffalorecycles.org/

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

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

Burchfield Nature and Art Center http://www.burchfieldnac.org/

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

Center for the Study of Art, Architecture, History and Nature http://buffaloah.com/h/center/index.html

Chautauqua Watershed Conservancy http://www.chautauquawatershed.org/

Chestnut Ridge Conservancy http://chestnutridgeconservancy.org/

Citizens Campaign for the Environment www.citizenscampaign.org

Citizens Coalition for Wildlife and Environment http://citizencoalitionwe.com/

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

Clarence Bluebird Trail https://lambluebirdtrail.org/

Clean Air Coalition of Western New York https://www.cacwny.org/

Clean Communities of Western New York http://www.ccofwny.org/

Coalition of Positively Charged People https://www.facebook.com/coalitionpositive/

Community Foundation for Greater Buffalo http://www.cfgb.org/

Cooperation Buffalo https://www.cooperationbuffalo.org/

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

Cornell Cooperative Extension for Chautauqua County http://chautauqua.cce.cornell.edu

Cornell Cooperative Extension for Erie County http://erie.cce.cornell.edu/

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

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

Crossroads Collective https://www.facebook.com/CrossroadsBuffalo/

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

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

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

Drave's Arboretum https://www.facebook.com/dravesarboretum/

Earth Spirit Educational Services www.earthspiritedu.org

Environmental Advocates NY <u>www.eany.org</u>

Environmental Education Associates http://environmentaleducation.com/

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

Erie Canal Harbor Development https://esd.ny.gov/erie-canal-harbor-development-corporation-0

Erie County Climate Action & Sustainability http://www2.erie.gov/environment/sustainability

Erie County Conservation Society http://eccs-club.org/

Erie County Department of Environment and Planning http://www2.erie.gov/environment/

Erie County Environment Management Council http://www2.erie.gov/environment/

Erie County Farm Bureau http://www.ecfarm.com/

Erie County Federation of Sportsmen's Clubs https://www.ecfsc.org/

Erie County Parks and Recreation http://www.erie.gov/parks

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

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

Field and Fork Network http://fieldandforknetwork.com/

500 Women Scientists, Buffalo Chapter https://500womenscientistsbuffalo.wordpress.com/

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

Foundry http://thefoundrybuffalo.org/

Friends of the Iroquois National Wildlife Refuge http://www.finwr.org/

Friends of Reinstein Woods http://reinsteinwoods.org

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

Friends of Times Beach Nature Preserve http://www.friendsoftimesbeachnp.org/

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

Gardens Buffalo Niagara https://gardensbuffaloniagara.com/

Garden Clubs of WNY <u>www.gardenclubsofwny.com</u>

Genesee County Nature Center http://co.genesee.ny.us/departments/parks/inc.php

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

Global Justice Ecology Project http://globaljusticeecology.org/

Go Bike Buffalo http://gobikebuffalo.org/

Go Buffalo Niagara http://gobuffaloniagara.org

Gooseneck Hill Waterfowl Sanctuary <u>www.gooseneckhillwaterfowlfarm.com</u>

Grassroots Gardens of Buffalo www.grassrootsgardens.org/

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

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

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

Great Lakes Research Consortium https://www.esf.edu/glrc/

Green Together WNY https://www.facebook.com/greentogetherwny/

Habitat for Humanity https://www.habitatbuffalo.org/

Hawk Creek Wildlife Center https://www.hawkcreek.org

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

Heart of the City Neighborhoods, Inc. www.hocn.org

Hope Rising Together https://ltlol.com/

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

Imagine Greater Buffalo Lifelong Learning http://imaginelifelonglearning.com/

Inland Ocean Coalition-Buffalo Chapter https://inlandoceancoalition.org/whoweare/chapters/buffalo/

Innovation Center Buffalo http://innovationcenterbuffalo.org/

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

Jamestown Audubon Center & Sanctuary http://auduboncnc.org/

Jamestown Community College http://www.sunyjcc.edu/sustainability

Lake Erie Watershed Protection Alliance http://www.erie.gov/lewpa

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

League of Women Voters of Buffalo Niagara http://www.lwvbn.org/

Local Initiatives Support Corporation https://www.lisc.org/wny/

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

Massachusetts Avenue Project http://mass-ave.org/

Matt Urban Human Services Center http://urbanctr.org/

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

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

Nature Conservancy-Central and Western New York Chapter http://Nature.org

Nature Sanctuary of Western New York http://nsswny.org/

New York Farm Bureau http://www.nyfb.org/

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

New York Forest Owner's Association www.nyfoa.org

New York Interfaith Power and Light www.newyorkipl.org/

New York League of Conservation Voters http://www.nylcv.org/

New York Power Authority www.nypa.gov

New York Public Interest Research Group http://www.nypirg.org/

New York State Association of Conservation Commissions https://nysacc.org/

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

New York State Outdoor Education Association http://nysoea.org/

New York State Parks https://parks.ny.gov/

NYS Association for Reduction, Reuse and Recycling https://www.nysar3.org/

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

New York State Soil and Water http://www.nys-soilandwater.org/

Northeast Sustainable Agriculture Working Group http://nesawg.org/

New York Upstate Chapter of the Green Building Council http://www.greenupstateny.org/

New York Upstate Chapter, Landscape Architects https://www.nyuasla.org/

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

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

Niagara County Landfill and Recycling http://www.rethinkyourwaste.com/

Niagara County Parks http://www.niagaracounty.com/Parks/

Niagara County Soil and Water Conservation District www.niagaraswcd.com

Niagara Fishing Expo http://niagarafishingexpo.com/

Niagara Frontier Botanical Society

Niagara Frontier Botanical Society

Niagara Outfitters https://niagaraoutfitters.com/

Niagara River Anglers Association www.facebook.com/Niagara-River-Anglers-1013633888708865/

Niagara River Greenway Commission https://www.niagararivergreenway.com/

Northeast Organic Farming Association of New York http://nofany.org

North Tonawanda Botanical Gardens https://ntbgo.weebly.com/

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

Open Buffalo http://www.openbuffalo.org/

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

Partners for a Livable WNY https://www.facebook.com/livablewny/

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) www.pfeiffernaturecenter.org

People United for Sustainable Housing http://www.pushbuffalo.org

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

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

Preservation Buffalo Niagara http://www.preservationbuffaloniagara.org/

Primate Sanctuary www.facebook.com/ThePrimateSanctuary

Providence Farm Collective http://providencefarmcollective.org/

PUSH Blue www.facebook.com/PUSHBlueWNY/

Regional Councils NYS http://regionalcouncils.ny.gov

Reinstein Woods Nature Preserve www.dec.ny.gov/education/1837.html

Restore our Community Coalition http://roccbuffalo.org/

Retree Western New York https://re-treewny.org/

ReUse Action http://reuseaction.com/

Rise Up for Climate Justice <u>www.facebook.com/riseupforclimatejustice/</u>

Riverline https://www.theriverline.org/

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

Science Demands Action www.sciencedemandsaction.org

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

Service Collaborative of WNY http://www.tscwny.org/

Sierra Club (Niagara Group of Atlantic Chapter) http://niagarasierraclub.com/

Slow Roll Buffalo <u>www.facebook.com/groups/slowrollbuffalo/</u>

South Buffalo Alive www.facebook.com/South-Buffalo-Alive-174141769403626/

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

Street Synergy http://www.streetsynergy.org/

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

Sustainability at Buffalo State http://sustainability.buffalostate.edu/

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

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

Tuscarora Environmental Task Force www.facebook.com/tuscaroraenvironment/

21st Century Park on the Outer Harbor www.facebook.com/21stCenturyParkOnTheOuterHarbor/

UB Engineers for a Sustainable World https://www.facebook.com/groups/esw.ub/

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

UB Office of Sustainability http://www.buffalo.edu/sustainability.html

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

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

Urban Roots www.urbanroots.org/

US Army Corps of Engineers-Buffalo District http://www.lrb.usace.army.mil/

US Coast Guard-Boating Safety http://www.wnyboatsafe.org/

US Fish and Wildlife, Northeast https://www.fws.gov/about/region/northeast

Vision Niagara http://visionniagara.org/

Voice-Buffalo https://voicebuffalo.org/

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

WNY Native Plants Collaborative https://www.wnynativeplants.org/

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

Western New York Earth Day http://www.wnyearthday.org/

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

Western New York Herpetological Society https://www.facebook.com/wnyherpsociety

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

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

WNY Nursery and Landscape Association (PLANT WNY) http://www.plantwny.com/

WNY Partnership for Invasive Species Mgmt (PRISM) www.wnyprism.org

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

WNY Raptor Center Wnyraptor.com

Western New York Science Teachers http://www.westernstanys.com/

WNY Seed Library https://www.facebook.com/wnyseedlibrary/

Western New York Soil Health Alliance www.wnysoilhealth.com

WNY STEM http://wnystem.org/

Western New York Stormwater Coalition http://www2.erie.gov/environment/

Western New York Sustainable Business Roundtable http://www.wnysustainablebusiness.org/

WNY Peace Center Renewable Energy Task Force https://www.wnypeace.org/

WNY Weather Society www.facebook.com/amswnychapter

WNY Young Birders Club https://www.wnyybc.org/events

West Valley Citizen Task Force www.westvalleyctf.org

Wild Kritters http://www.wildkritters.com/

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