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MAGAZINE

The Big Questions

Inside:

- 2019 Events
- Summer Education
- Climate Action
- And much more...

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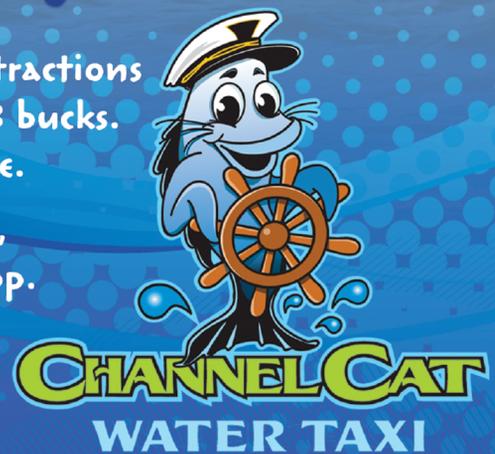


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August/September/October 2019

Volume 9 Issue 3

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Our Mission:

River Action strives to foster the environmental, economic, and cultural vitality of the Mississippi River and its riverfront in the Quad City region.

The Big Questions

Welcome to our August issue, The Big Questions. It all comes into focus as we struggle to get back into our own office at the time of this writing.

It started for us on May 2nd. We were out of the office working with our web designer when we got the call that our office floor was filling with a foot of water! There are a lot of unknowns; every flood is different. We had never had water on the floor of the office before. What was different this time? That was a big question.

Thank heavens for the many volunteers who worked feverishly to get out computers, printers, and financial files. I still can't believe I had boots in my car that morning — something I should probably keep there from now on! Fortunately, a Zeglin's Appliance truck was in the alley (empty!) and it backed up to the rear HESCO barriers, and we began to vacate. Another fortunate thing was that our landlord had an empty office suite across the parking lot that we could use as a temporary office.

It helps that we had a sense of humor, too. In dealing with Floatzilla life jackets in the closet, Carol mused, "Should we leave them or put them on?"

We will be moving back soon, and we can't wait. Our storefront is so visible, and we need a convenient space for the public to buy rain barrels, tickets to events, and attend planning meetings. When you do come, you will notice the new permeable alley being installed, another long anticipated improvement, thanks to City of Davenport and River Action grant funding.

Also, this issue has all the questions being answered by our speakers on Channel Cat Talks and Riverine Walks during the months of August and September. We hope we answer your questions about upcoming events. I'm especially excited about the October 23-24 Upper Mississippi River Conference, and all the ideas and topics we will tackle there.

We have a great interview with an expert on city planning for climate change, as well.

I am so very proud of this issue (can you tell?!). I hope you'll enjoy reading it (and learn as much from it) as we did writing it. ☺



Kathy Wine



of action

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FLOATZILLA 2019

Floatzilla, August 17, is just around the corner! Choose from one of five launch sites to start your day in either a kayak or canoe, and then make your way to Lake Potter in Rock Island. A wide selection of food trucks will be available with music to enjoy once you get to the lake. We will be holding a water fight and costume competition leading up to the grand finale world record attempt for largest flotilla of kayaks and canoes!

Floatzilla has gone through some changes this year due to dangerous conditions around the I-74 Bridge construction and record flooding on the Mississippi River. The Coast Guard required us to move all launches to the downstream side of the construction, so we replaced our Empire Park launch with a new launch site at the Lindsay Park Yacht Club at the foot of Mound Street in Davenport. Credit Island also will be closed this year due to severe damage to the causeway. We have moved Packet Pick Up to the TaxSlayer Center at 1201 River Dr. in Moline, Ill. Packet Pick Up will be on August 16 from 5-7 p.m.



Aug 17, 2019
Quad Cities, USA

The City of Davenport and the Lindsay Park Yacht Club also will be accommodating Floatzillians for camping in Lindsay Park near the club on Friday and Saturday nights. Tent camping will be allowed free of charge for our participants. The Lindsay Park Yacht Club will be allowing use of their bathrooms and showers. No fires will be allowed in the park.

Sign up for Floatzilla today at riveraction.org/Floatzilla! ☺

Senior Citizens' Riverfront Golf Cart Tours — New Tour for 35th Anniversary

— by Noah Truesdell

This year's annual Senior Citizen Golf Cart Tours will be held on September 5. We will be offering six different tours at 9 a.m., 11:30 a.m., and 2 p.m. The tours will explore the riverfront trails of Iowa, Illinois, and the Rock Island Arsenal. City planners, developers, naturalists, and historians will give trail information and riverfront updates at designated stops along each route.

This year we have added a sixth tour which will travel along the Duck Creek Trail starting in Davenport and turning around in Bettendorf. Both cities have exciting new developments and events taking place along the trail this year. Speakers from each city's Planning and Public Works departments will bring you up to date while you enjoy the shady scenery aboard your golf cart. Our other five tours include Nahant Marsh, Arsenal Island, Rock Island and Moline, East Moline and Hampton, and Rapids City to Cordova. Call River Action at (563) 322-2969 to sign up. ☺



Our Arsenal group learned about the first railroad bridge across the Mississippi last year. All tours proceed rain or shine!



Last year's team from Russell Construction (from left) Joel Purcell, Lee Marbach, and Zach Wright, raise the Corporate Challenge Trophy.

Taming of the Slough, September 21



Racers can participate individually in the Youth, Adult, or Masters divisions, or as a team in a two-person team, or three-person relay. Local companies enter three-person teams to compete for the Corporate Challenge Trophy. Find out more and register online at riveraction.org/taming. ☺

Packet Pick Up will be held at Bent River Brewing Co. in downtown Moline on September 20. Come down to pick up your packet and grab some dinner or a beer (or both!) from 5-7 p.m. Bent River also will be providing beer for our post-race party and trophy ceremony!

After last year's success in moving back to Moline, we are bringing Taming back for another round! Come test your mettle paddling the Sylvan Slough, taking on the mountain bike trails through the industrial ruins and natural beauty of Sylvan Island, and running along the mighty Mississippi on Arsenal Island. The race begins at 8 a.m. at the Bass Street YMCA at 1701 1st Ave in Moline.

Answers to Questions on the River

— By Philip Tunnickliff

In a year of exceptional weather and disruption it is natural to wonder “Is this the new normal? What will the next year bring? How will things change in the future?” Though these are big questions there are ways to get some answers. River Action’s Summer Education Series presents experts to tackle the big issues with Channel Cat Talks Tuesday and Thursday from 9-10:30 a.m. and Riverine Walks Wednesdays 6:30-8 p.m. and Saturday 9-10:30 a.m.

On July 9, 2019 the National Oceanic and Atmospheric Administration (NOAA) announced that the “U.S. had had its wettest 12 months on record again.” On August 27 and 29, River Action will present a Channel Cat Talk to answer the question “How do we grapple with that new reality?” Ray Wolf of NOAA will be presenting “Midwest Precipitation: Past, Present, and Future” to give insight into what the future will hold for us and what challenges we have already overcome.

With all the rain and snow this year it is natural that floods were to follow.

Flooding, especially long-term flooding, raises environmental questions. How do we manage the river and how do we keep it clean? Two talks tackle this issue head on from different perspectives. “Operations and Maintenance of our Nation’s Waterways” is a Channel Cat Talk on Aug. 20 and 23, led by two members of the US. Army Corps of Engineers. They will be speaking on the construction of the lock & dam system, its purpose, and how it is maintained to the present day. This is an opportunity to learn about the lock & dam system from the people who operate it. Another side of the questions about the river will be answered on Aug. 21 and 24. The Riverine Walk, “Best Management Practices within an Urban Riparian Interface,” is an opportunity to learn some of the ways Davenport reduces runoff and excess pollutants to help keep the watershed clean and stable.

The river has changed a lot in the last few years.

The I-74 Bridge Construction, times of flood, and environmental concerns have altered the life of the river in ways that often go unseen. For anyone asking questions about how things are changing, there is “River Landscape Mosaic,” a Channel Cat Talk on Aug. 13 and 15 presented by two Augustana College professors of geography. The talk will discuss the characteristics of the local waterways and the environmental impacts and challenges that are faced in Pool 15. ©



Coast Guard officers answer the question: “What do Coast Guard officers do?”

These talks and others in the Summer Education Series are windows into the life of the river and the life of those along it.

They are presented annually on a wide array of subjects to help answer the big questions

that a river like the Mississippi inspires us to ask. Participants can register for any of the talks or walks at riveraction.org/education or call (563) 322-2969 with questions. ©

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Ride the River Celebrated its 35th Birthday!

— by Noah Truesdell



On June 16, this past Father's Day, River Action and Ride the River crossed a milestone: 35 years! Though some adjustments needed to be made this year, the ride was a success, and many families rode to celebrate.

A big thanks to the downtown Davenport YMCA for hosting our headquarters and starting point. It was here that participants could get fitted for a new bike helmet, courtesy of the Quad Cities Bicycle Club, register, and buy 35th anniversary shirts. The Noon Kiwanis Club of Davenport sponsored free water bottles for every volunteer and participant. Outside, the Hy-Vee smoothie bike gave everyone a boost with a blended drink, and Healthy Habits Bicycle Repair made sure bikes were ride-ready.

From there, riders proceeded down Second Street in Davenport. Every intersection was manned by our faithful volunteers to ensure that everyone crossed the streets downtown safely. The route proceeded across Arsenal Island along the riverfront bike trail and into Moline. Riders could board the Celebration Belle at its docks to take a boat ride and see the I-74 Bridge construction.

The birthday party was held on the 9th floor River Room of the new Hyatt Place Hotel at The Bend, East Moline. Birthday cake and ice cream were donated by Hy-Vee and the River Cities Rotary Club. Hyatt Place provided a halfway point where our riders could relax and celebrate our 35 years while taking in the breathtaking views. Outside of the hotel the River Cities Rotary hosted Tales on the Trail, an activity for children where a book can be read, page by page, by following a short walking path.

In Rock Island, before mounting the Centennial Bridge, families could stop to play games hosted by the Oestreich Family and cool off in the splashpad in Schwiebert Park. The route wound all the way to East Moline despite the flood having not fully receded thanks to our fantastic volunteers, Arsenal Island, and the cities of Davenport, Moline, East Moline, and Rock Island. Thank you to our sponsors, all who helped, and all who rode for making this year's ride unforgettable. 🌀

Ride the River Committee member and River Action Board member, Kay Patterson, served cake and ice cream to every rider and volunteer.



Riders who went aboard the Celebration Belle got a close-up view of the I-74 Bridge archways.

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Riders arriving at Hyatt Place could leave bikes in the security area before making their way to the 9th floor River Room party. Note the new path from the bike trail to the Hyatt finished in time for Ride the River! Thank you, City of East Moline! (Photos by Cheryl True)

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Outracing horses. Flying with birds. Walking on the moon. For thousands of years, these were the subjects of our wildest dreams. Now they are some of humankind's greatest achievements. We're proud that our materials and technologies have helped our partners reach distant coastlines, the skies and outer space. Bring us figments of your imagination; we'll help you put them in the history books. **Arconic. Where the future takes shape.**

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12th Annual Upper Mississippi River Conference

Big Questions

— by Carol Downey

In 2015, America's Watershed Initiative (AWI) evaluated many aspects of the Mississippi River and issued a 'report card' grading six watershed-wide indicators: economy, recreation, ecosystems, flood control and risk reduction, transportation, and water supply. The overall watershed was graded 'D+', while the Upper Mississippi River basin received a grade of 'C'. AWI plans to re-evaluate the watershed in 2020 to see if there have been any improvements in the five years since the initial evaluation. In 2016, River Action dedicated its annual Upper Mississippi River Conference to raising the grade and produced an Action Agenda following the conference (http://www.riveraction.org/umrc/sites/default/files/2016-UMRC_RTG_ActionAgenda_covered_021218.pdf) to address key factors affecting the health of the watershed. Subsequent annual conferences have focused on Action Agenda items including floodplain/flood risk management, ecosystems, water quality, biodiversity, and habitat restoration.

The Upper Mississippi River Conference is open to all river stakeholders, including residents, people who live or work on the river, environmental scientists, conservationists, environmental educators, and infrastructure and transportation specialists. This year's conference addresses another of the Action Agenda items from its 2016 Raise the Grade conference. While on the surface we will explore improving recreational and tourism opportunities, the bigger questions lie below that surface. What are the river's requirements to encourage, enable, entice, and invite visitors and residents to its shores and waters? The questions are many and deep (pun intended). How do we make or keep the water quality acceptable? Is there enough biodiversity in and along the river? Is there still too much nutrient-laden runoff from farm fields? How much dredging is required to keep the river navigable and fully functional for recreation? What should we do with dredge materials? Are there new ways to use dredge material to make improvements to the river for habitat or flood conveyance? How do we manage flood risk? Do we need to create or reclaim floodplains to allow the river to rise with minimal property damage? Are levees or flood walls a good or bad option? And finally, will we have done enough to raise the grade in 2020? These are but a few of the 'big questions' that all river stakeholders should be thinking about to preserve our Mississippi River treasure for generations to come.

Keynote speakers for the 2019 conference:

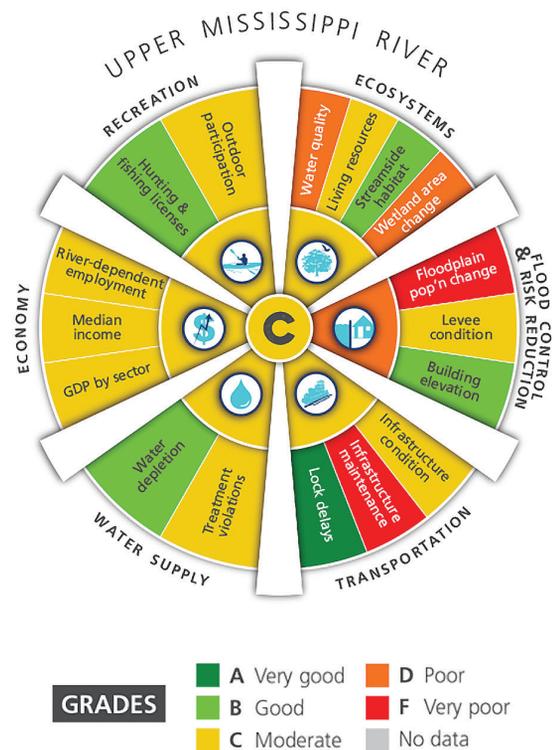
- John Anfinson, National Park Service
- Colin Wellenkamp, Mississippi River Cities & Towns Initiative
- Olivia Dorothy, American Rivers
- Loren Wobig, Illinois Department of Natural Resources Office of Water Management

Concurrent speaker tracks focus on 1) Sustaining/Improving the River and 2) Utilizing the River. Session topics include water quality, recreation/tourism, beneficial use of dredge material, economic and philanthropic impacts of recreation/tourism, agricultural storm water management, and river water vs. ground water as drinking water sources (panel discussion).

Attendees will have the opportunity to take a field project tour or participate in a workshop on Wednesday afternoon. Tour #1 will travel



2018 conference attendees listen to a presentation on Mississippi River fishes.



The 2015 report card on the Upper Mississippi breaks down the various grading components.

to the Mississippi River Eco Tourism Center in Camanche, Iowa and will include an eco-cruise of Mississippi backwaters, sloughs and main channel on the Blue Heron pontoon boat; Tour #2 will travel to sites around the Quad Cities area to view successful habitat rehabilitation projects along with dredging and dredge material re-use projects headed by the U.S. Army Corps of Engineers. An in-house workshop will focus on 2019 flooding issues – especially on the best way(s) forward for affected communities.

The final plenary session will present a preliminary report on citizen-led discussions of river issues conducted by the Upper Mississippi River Basin Association in conjunction with the U.S. Army Corps of Engineers in five river towns along the upper Mississippi River.

The Upper Mississippi River Conference is open to all river stakeholders, including residents, people who live or work on the river, environmental scientists, conservationists, environmental educators, and infrastructure and transportation specialists. The 2019 conference will be held on Oct. 23-24 at Stoney Creek Hotel & Conference Center in Moline, Ill. Register now at www.riveraction.org/UMRC. ☺

Climate Action Plans on a Local Scale

—By Spencer Wood

In recent years, the Quad Cities have been improving their multimodal infrastructure and encouraging citizens to use public transit, carpool, walk, or bike one day a week.

Most countries have implemented climate action plans in the last 10 years as well as a growing number of U.S. states. It goes without saying that having federal and state government combatting climate change is crucial to the success of mitigating climate change, but what some may not know is that individual cities are also playing a vital role in the global response to climate change. A city climate action plan is a comprehensive roadmap that outlines the specific activities a city or community will undertake to reduce greenhouse gas emissions. Several cities across the U.S. have implemented their own climate action plans. Larger cities such as Boston, New York, Minneapolis, San Francisco, and Seattle have plans. But smaller communities are starting to implement these plans as well, even communities right here in Iowa.

In 2013, Dubuque, Iowa became one of the first communities of its size in the Midwest to implement a climate action plan. Its particular plan aims to reduce greenhouse gas emissions by 50% by 2030; to accomplish this goal, Dubuque's plan details opportunities for reduction in waste, water energy, transportation, and other categories. The city has already set many actions in motion such as capturing methane gas from its solid waste agency, replacing its public transit fleet with clean diesel vehicles, adopting a zoning code that prioritizes sustainability, and providing its residents access to smart meter technology that allows them to reduce water usage, electricity usage, and garbage.



Eric Giddens

Dubuque's plan was designed and has been implemented so well that

University of Northern Iowa's Center for Energy & Environmental Education (CEEE) has used its plan as a model when designing plans for other communities in Iowa. The CEEE in collaboration with ICLEI (International Council for Local Environmental Initiatives) has been assisting local governments in Iowa with developing community-wide emissions reduction plans.

Energy Education & Outreach Coordinator for the

CEEE and Iowa State Senator Eric Giddens emphasized that almost 70% of emissions worldwide come from cities, and that is why communities have a responsibility to be aware of their impact and strive to have a smaller footprint. "To reduce emissions around the world and around the country, communities have to do their part" (E. Giddens, personal communication, July 10, 2019). State Senator Giddens and the CEEE are helping communities do their part and every plan that they design for a community is custom to the community's goals and expectations. If a community doesn't find 50% by 2030 a realistic goal, that is completely fine, "every community needs to pick a goal that works for them and



Canada geese paddle by in flood waters on River Drive in Davenport, Iowa, normally a high-traffic thoroughfare.

then piece the strategies together that can get them there" (E. Giddens, personal communication, July 10, 2019). This strategy allows a community to put a climate action plan in place no matter how big or small the reduction tactics are. State Senator Giddens concluded our conversation by stressing the urgency of putting local climate action plans in place and said he would love to work with communities in the Quad City Area. ☺

For more information on the CEEE and Dubuque's climate action plan visit:

- <https://ceee.uni.edu/community-energy-climate-action>
- <https://www.cityofdubuque.org/1374/50-by-2030-Plan>



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How To Reduce Storm Water Runoff and Flooding? Permeable Alleys!

— by Kathy Wine and Carol Downey

This year’s many large rain events have prompted efforts toward better stormwater management. A permeable alley project in the alley behind River Action’s office will provide a practical example that can serve to demonstrate how alleys can be improved to reduce runoff.



Emery Construction, Moline, excavates alley to 2 ½ ft. behind River Action office, 822 East River Drive.

— photos by Philip Tunnicliff

River Action, the City of Davenport, and Y&J Properties are reconstructing the northern alleyway between Federal and Tremont Streets into a permeable alley. It will be the first of its kind in Davenport and will act as a model to install more throughout the city. Much of the urban landscape in downtown Davenport is impervious, so the implementation of innovative solutions for controlling runoff, improving the quality of water making its way to the Mississippi River, and reducing flooding is a priority for urban storm water management. Water quality can be improved by removal of pollutants with infiltration and filtration through the permeable substrate below the alley surface.

Emery Construction of Moline, Ill. is the project contractor. Construction started on July 8, 2019 to remove the current alley surface and dig a 2 ½-foot-deep trench. A liner was placed at the base, followed by 14 to 16 inches of clean 2- to 3-inch rock. The next layer is 10 inches of 1- to 2-inch clean rock, and the top layer of bedding rock will hold permeable interlocking clay pavers placed in a herringbone pattern.

The project is accessible from the adjacent parking lot and can be viewed during construction. River Action is keeping a photographic record of the construction process to provide an educational resource for its Retain the Rain program. With the redevelopment of the historic Gordon Van Tine Commons, which includes 113 new loft apartments and commercial office space, alley traffic is expected to increase, and prior to the project, the alley was barely drivable. Not only will the residential and business traffic reap the benefits of having a smoother drive, but the conservation practice will be very visible to the

Permeable Alley	
2018 Funding	Amount
City of Davenport	\$70,000.00 (Cash and In-Kind)
Y & J Properties	\$19,350.00
Regional Development Authority	\$13,500.00
Scott County Soil and Water Conservation District	\$2,000.00
IA American Water	\$2,800.00
River Action	\$5,000.00 (In-Kind)
SCCC Funding	\$2,000.00
Total	\$114,650.00
Expenses	Amount
Design, Labor, and Installation	\$107,150.00
Education	\$7,500.00
Total	\$114,650.00

new residents and the many customers of Java Java Espresso Café and Riverside Groceries.

Upon completion of the project, River Action will be hosting two Riverine Walks (guided walking tours with professionals presenting information on environmental and historic sites in the Quad Cities) and will create educational signage, handouts and website content. River Action also is creating a time-lapse video of the project. Installing a permeable alley that successfully addresses the water quality and volume of water intercepted will act as an example to the city and to property owners that this is a viable conservation choice to mitigate flooding and nutrient runoff. ☺

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eddy Calendar

August



Nahant Marsh: Intro to Mushroom Collection

Aug 3, 8:30 am-12 pm, Nahant Marsh Education Center, 4220 Wapello Ave, Davenport, nahantmarsh.org

Learn the basic characteristics of fungi including where, when, and how to collect mushrooms in a sustainable way. \$25 Members/\$30 Guests

Nahant Marsh: Nature Hike

Aug 3, 9-10 am, Nahant Marsh Education Center, 4220 Wapello Ave, Davenport, nahantmarsh.org

Join a naturalist for a guided hike along the trails and experience the environmental changes as plants and wildlife adapt to the seasons. \$5 suggested donation.

The Great River Tug Fest

August 8-10, Port Byron and LeClaire, tugfest.org

The only tug-of-war across the Mississippi River. A weekend full of fun activities for all ages.



Eagle View Group: How to Make the Muddy Mississippi Sippable

Aug 8, 6:30-8 pm, Moline City Water Plant, 30 18th St, Moline, sierraclub.org/eagle-view

Tour the Moline City Water Plant and learn how the Mississippi water is purified. Free.



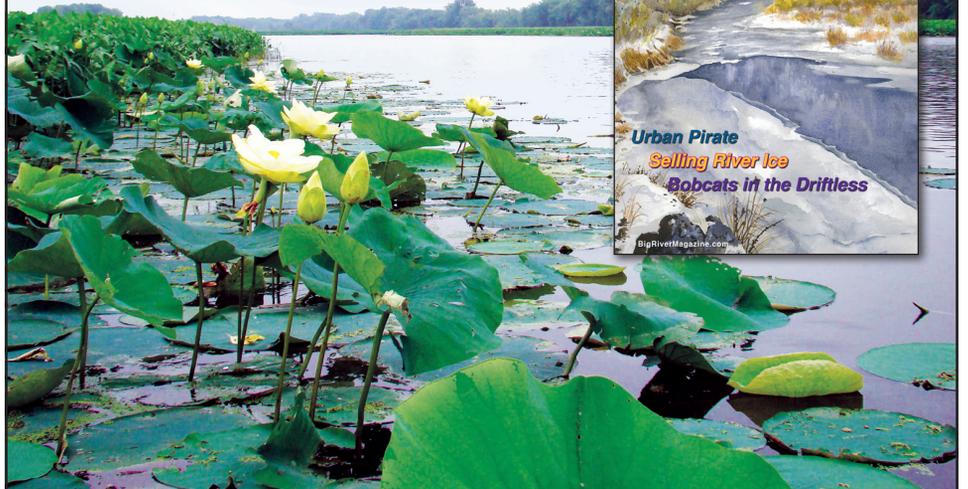
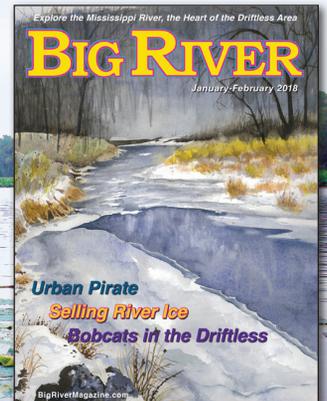
River Action's Explore the River Series

Through Labor Day, Channel Cat Talks – Tuesdays and Thursdays 9-10:45 am, Riverbend Commons, 2951 River Dr. Moline \$14; Riverine Walks – Wednesdays 6:30-8 pm and Saturdays 9-10:30 am, locations vary, \$6, riveraction.org/education

Join us for River Action's Explore the River Series. Tour the Mississippi River aboard the Channel Cat Water Taxi while experts narrate. Riverine Walk participants explore the Quad Cities through a series of guided walks.

Calendar continued on page 12 >

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< Calendar continued from page 11



Nahant Marsh: Wildflower Walk

Aug 10, 9-10:30 am, Nahant Marsh Education Center, 4220 Wapello Ave, Davenport, nahantmarsh.org
Learn basic techniques on how to identify wildflowers while exploring various prairies at Nahant Marsh throughout the growing season. \$10 Nahant Member/\$12 Guest



River Action: Art Along the River – Native American Drumming

Aug 11, Watch Tower Lodge, Black Hawk State Historic Site, 563-322-2969, riveraction.org
Participants will experience group hand drumming influenced by inter-tribal pow-wows. \$5 per person.

Quad City Audubon Society: Cone Marsh Field Trip

Aug 17, 7 am, Meet at Casey's parking lot near Highway 61 and I-280, quadcityaudubon.org
Carpool to Cone Marsh and see shorebirds on the half-day trip.



River Action: Ruby's Fundraiser

Aug 26, 4-8 pm, 429 E. Third St, Davenport, riveraction.org
Enjoy good food and local craft brews. Bring your friends and come support River Action! River Action will receive 10% of all sales.

River Action's Environmental Book Club

Aug 27, 7 pm, River Action office, 822 E. River Dr, Davenport, 563-322-2969, riveraction.org
Discuss Founding Gardeners: The Revolutionary Generation, Nature, and the Shaping of the American Nation by Andrea Wulf. Meetings are open to the public and meet at the River Action office between Tremont and Federal Streets.

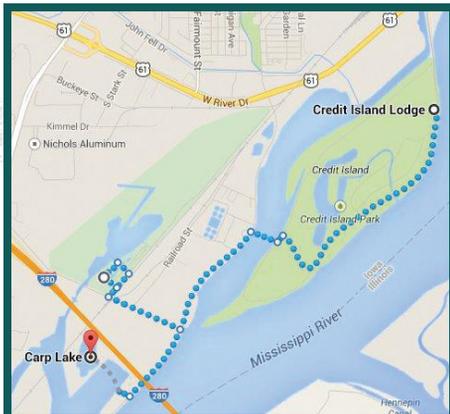
Nahant Marsh: Wildflower Walk

Aug 31, 9-10:30 am, Nahant Marsh Education Center, 4220 Wapello Ave, Davenport, nahantmarsh.org



Learn basic techniques on how to identify wildflowers while exploring various prairies at Nahant Marsh throughout the growing season. \$10 Nahant Member/\$12 Guest

September



River Action's 20th Annual Senior Citizen Golf Cart Tour

Sep 5, 9 am-4 pm, 563-322-2969, riveraction.org
Senior citizens can participate in our guided riverfront golf cart tours!

Nahant Marsh Breakfast Nature Club: Native Bees

Sep 6, 8-9 am, Nahant Marsh Education Center, 4220 Wapello Ave, Davenport, nahantmarsh.org
\$5 suggested donation.

Nahant Marsh: Nature Hike

Sep 7, 9-10 am, Nahant Marsh Education Center, 4220 Wapello Ave, Davenport, nahantmarsh.org
Join a naturalist for a guided hike along the trails and experience the environmental changes as plants and wildlife adapt to the seasons. \$5 suggested donation.

Quad City Audubon Society: Blackhawk State Park Field Trip

Sep 7, 8 am, Singing Bird Lodge, 1510 46th Ave, Rock Island, quadcitaudubon.org
Half-day field trip. Fall migration!



World Migratory Bird Day

Sep 8, 10 am-3 pm, Quad City Botanical Center, 2525 4th Ave, Rock Island, qcgardens.com
"Protect Birds: Be the Solution to Plastic Pollution" is the theme for a day dedicated to bird longevity. Band wild birds participate in activities celebrating feathered creatures, and attend bird-themed presentations. Free.

River Action: Art Along the River – Painting: The River Atmosphere

Sep 8, Schwiebert Park, Rock Island, 563-322-2969, riveraction.org
Participants will learn techniques for painting clouds, sky, trees, and water. \$5 per person.

United Way Fall Day of Caring

Sep 19, 563-355-4310, www.unitedwayqc.org
Participate in one-time service projects at various locations across the community.

Riverssance Festival of Fine Art

Sep 21-22, 10 am – 5pm, Lindsay Park, Village of East Davenport, midcoast.org
Known throughout the Midwest for its high-quality

fine art, beautiful outdoor setting, unique blend of delightful entertainment, and delicious food and wine. \$4/person; \$6/two-day pass.

Calendar, continued on page 14 >



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< Calendar continued from page 13

RIVER ACTION'S taming of the SLOUGH™

River Action's 14th Annual Taming of the Slough Adventure Triathlon

Sep 21, 8 am, downtown Moline, 563-322-2969, riveraction.org
 Kayak/canoe through Sylvan Slough, ride through mountain bike trails on Sylvan Island, and run two miles on Arsenal Island.

Nahant Marsh: Wildflower Walk

Sep 21, 9-10:30 am, Nahant Marsh Education Center, 4220 Wapello Ave, Davenport, nahantmarsh.org

Learn basic techniques on how to identify wildflowers while exploring various prairies at Nahant Marsh throughout the growing season. \$10 Nahant Member/\$12 Guest

Quad Cities Marathon

Sep 22, 1201 River Dr. Moline, qcmarathon.org

The race features one of the finest, most scenic river views in the country. It covers five races, four cities, three bridges, two states, and one island, all along the Mississippi River. The 26.2-mile run starts and ends in downtown Moline, Ill.

River Action's Environmental Book Club

Sep 24, 7 pm, River Action office, 822 E. River Dr, Davenport, 563-322-2969, riveraction.org

Discuss *Grandma Gatewood's Walk: The Inspiring Story of the Woman Who Saved the Appalachian Trail* by Ben Montgomery. Meetings are open to the public and meet at the River Action office between Tremont and Federal Streets.

October

Nahant Marsh Breakfast Nature Club: TBD

Oct 4, 8-9 am, Nahant Marsh Education Center, 4220 Wapello Ave, Davenport, nahantmarsh.org

\$5 suggested donation.

Quad Cities Bicycle Club: Fall Tailwind Century

Oct 5, 6:30 am – 5 pm, Ben Butterworth Parkway, 5466 Old River Dr, Moline, qcbc.org
 Registration is required before Sep 30th.

WOULD YOU RATHER SAVE SOME TREES?

You can opt to receive a digital copy each quarter by email instead. Just drop us an email and let us know!
riveraction@riveraction.org



Nahant Marsh: Nature Hike

Oct 5, 9-10 am, Nahant Marsh Education Center, 4220 Wapello Ave, Davenport, nahantmarsh.org

Join a naturalist for a guided hike along the trails and experience the environmental changes as plants and wildlife adapt to the seasons. \$5 suggested donation.

Tweed Ride

Oct 19, 9 am, 563-386-3521, qctweedride.com

A leisurely ride along the Mississippi River. Proceeds benefit River Action.

River Action's Environmental Book Club

Oct 22, 7 pm, River Action office, 822 E. River Dr, Davenport, 563-322-2969, riveraction.org

Discuss *The Seashell on the Mountaintop: How Nicolaus Steno Solved an Ancient Mystery and Created a Science of the Earth* by Alan Cutler. Meetings are open to the public and meet at the River Action office between Tremont and Federal Streets.



Upper Mississippi River Conference – Advancing our Shared Vision: Sustaining and Utilizing our Mississippi Treasure

Oct 23-24, Stoney Creek Hotel & Conference Center, Moline, 563-322-2969, riveraction.org

Register now at riveraction.org/UMRC.

Please join us
 throughout 2019
 in celebrating
 River Action's 35th
 Anniversary!



of action



Raise Your Hand! Volunteer for River Action!



We have lots of ways you can help!

- Membership
- Ride the River
- Fish & Fire
- Henry Farnam Dinner
- Floatzilla
- Golf Cart Tour
- Adopt-A-Path
- Taming of the Slough
- Internships
- Conservation Maintenance
- Education
- First Bridge Committee
- UMR Conference
- Marketing Committee
- Office Assistant ...and more!

Name: _____

Address: _____

City: _____

State: _____ Zip Code: _____

Email Address: _____

Check your area of interest and mail to
River Action, Inc. 822 E. River Dr.
Davenport, IA 52803 563-322-2969
or email selections to:

kwine@riveraction.org

Or online at:

riveraction.org



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