



River Action
822 E River Drive
Davenport, IA 52803

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This program is supported by:



RIVERACTION'S 2018 Explore the River Series



www.riveraction.org | 563-322-2969

What is the Explore the River Series?

Explore the river through a program which teaches participants first-hand about the wildlife, history, culture, and geology of the Mississippi River and the Quad Cities through Channel Cat Talks and Riverine Walks, May 29th–September 1st.

Channel Cat Talk participants 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.

Register online by visiting www.riveraction.org/education, by calling River Action at (563) 322-2969, or by filling out the form on the left and sending it to the River Action Office with a check or credit card information. **Join us in learning about the unique nature and culture of the Quad Cities!**

New this year!

Dubuque Field Trip

Join us on Wednesday, August 29th as we take a trip to Dubuque, IA!

On our guided tour, learn about the **Bee Branch Watershed Flood Mitigation Project**, a \$219 million project to “daylight” a creek that addresses the frequent flash floods the area experiences. See the **permeable alleys** and **floating islands** the City is installing. Tour the **Port of Dubuque** and explore the **Historic Millwork District**.

When: August 29th

Time: 8:00-2:30 p.m.

Cost: \$45 (Members) & \$50 (Non-members)

The bus departs from the River Action office, 822 E. River Dr., Davenport, IA. The final date to register is August 24th or when filled. This trip has moderate walking and a box lunch is included. The field trip has limited room, so make sure to RSVP!



PLEASE RETURN THIS PORTION WITH PAYMENT To: River Action, 822 E River Dr, Davenport, IA
You can pay online at www.riveraction.org/education, make a check out to River Action, or provide credit card information below (or over the phone). No Refunds.

CHANNEL CAT TALKS

Please check all that apply. **Sessions are \$14.00 each** and take place on the Channel Cat Water Taxi (space is limited). Meet at the Riverbend Commons, 2951 River Drive, Moline, IL 61265. If the Captain cancels, a rain date will be scheduled. **All Channel Cat Talks are from 9:00-10:45am.**

- | | | |
|--|--|---|
| River History
<input type="checkbox"/> Tue, May 29
<input type="checkbox"/> Thu, May 31 | I-74 Bridge Project
<input type="checkbox"/> Tue, June 5
<input type="checkbox"/> Thu, June 7 | David Sears
<input type="checkbox"/> Tue, June 12
<input type="checkbox"/> Thu, June 14 |
| Rafting Logs
<input type="checkbox"/> Tue, June 19
<input type="checkbox"/> Thu, June 21 | Birding on River
<input type="checkbox"/> Tue, June 26
<input type="checkbox"/> Thu, June 28 | Canoe Voyage
<input type="checkbox"/> Tue, July 10
<input type="checkbox"/> Thu, July 12 |
| Sand and Gravel
<input type="checkbox"/> Tue, July 17
<input type="checkbox"/> Thu, July 19 | Asian Carp
<input type="checkbox"/> Tue, July 24
<input type="checkbox"/> Thu, July 26 | Floodplains
<input type="checkbox"/> Tue, July 31
<input type="checkbox"/> Thu, August 2 |
| Lock and Dam
<input type="checkbox"/> Tue, Aug 7
<input type="checkbox"/> Thu, Aug 9 | River Landscape
<input type="checkbox"/> Tue, Aug 14
<input type="checkbox"/> Thu, Aug 16 | Fort Armstrong
<input type="checkbox"/> Tue, Aug 21
<input type="checkbox"/> Thu, Aug 23 |
| I-74 Bridge Project
<input type="checkbox"/> Tue, Aug 28
<input type="checkbox"/> Thu, Aug 30 | | |

RIVERINE WALKS

Please check all that apply. **Sessions are \$6.00 each** or FREE for River Action Members. If a presenter cancels, a rain date will be scheduled. **Wednesday walks are from 6:30-8:00pm, Saturday walks are from 9:00-10:30am.**

- | | | |
|--|--|--|
| Plants & Ecology
<input type="checkbox"/> Wed, May 30
<input type="checkbox"/> Sat, June 2 | I'm Freezing!
<input type="checkbox"/> Wed, June 6
<input type="checkbox"/> Sat, June 9 | Floodplains
<input type="checkbox"/> Wed, June 13
<input type="checkbox"/> Sat, June 16 |
| Dred Scott
<input type="checkbox"/> Wed, June 20
<input type="checkbox"/> Sat, June 23 | Emerald Ash Borer
<input type="checkbox"/> Wed, June 27
<input type="checkbox"/> Sat, June 30 | Lost Grove Lake
<input type="checkbox"/> Wed, July 11
<input type="checkbox"/> Sat, July 14 |
| Sylvan Island
<input type="checkbox"/> Wed, July 18
<input type="checkbox"/> Sat, July 21 | Raising Monarchs
<input type="checkbox"/> Wed, July 25
<input type="checkbox"/> Sat, July 28 | Putnam Archives
<input type="checkbox"/> Wed, August 1
<input type="checkbox"/> Sat, August 4 |
| Down town RI
<input type="checkbox"/> Wed, Aug 8
<input type="checkbox"/> Sat, Aug 11 | Black Hawk
<input type="checkbox"/> Wed, Aug 15
<input type="checkbox"/> Sat, Aug 18 | Moline Riverfront
<input type="checkbox"/> Wed, Aug 22
<input type="checkbox"/> Sat, Aug 25 |
| Best Management Practices
<input type="checkbox"/> Wed, Aug 29
<input type="checkbox"/> Sat, Sept 1 | | |

Total Channel Cat Talks \$ _____
Total Riverine Walks \$ _____
Dubuque Field Trip \$ _____
Membership (Other Side) \$ _____
Total Enclosed \$ _____

Name _____

Address _____

City, State, Zip _____

Phone _____

Email Address _____

Credit Card # _____

Exp. Date _____ CVV # _____



Channel Cat Talks

All Channel Cat Talks meet at the Riverbend Commons, 2951 E River Dr, Moline, IL from 9:00-10:45am



Headsets are provided to all Channel Cat Talk and Riverine Walk attendees for each session so you can clearly hear the presentations!

Riverine Walks

Wednesday Walks are from 6:30-8:00pm; Saturday Walks are from 9:00-10:30am

This is a great opportunity for attendees of Channel Cat Talks and Riverine Walks to see the building of the new I-74 Bridge!



If you are curious about the terrain or difficulty of a walk please call River Action for more information at (563) 322-2969

Tues, May 29 and Thurs, May 31
History of the River
Jack Turnbeson, Coast Guard Auxiliary
 The history of the river in the Quad Cities goes back to when the first of the glaciers changed the course of the Mississippi. Since then it has had a part in major events that enveloped the nation. Learn all about it on this Channel Cat Talk!

Tues, June 5 and Thurs, June 7
Building a Bridge for the Future: The I-74 Mississippi River Bridge Project
Danielle Mulholland, Iowa DOT
 Danielle Mulholland, I-74 Project Manager, will discuss the planning and construction process for this important east-west link in the nation's transportation network. You will learn about the design and building process of the bridge and get the latest updates on construction.

Wed, May 30 and Sat, June 2
Plants and Ecology of the Mississippi River and its Floodplain
Bob Bryant, Native Plant Society
 Bob Bryant, retired naturalist and plant enthusiast, will be your guide as you explore Davenport's Credit Island. Located on the Mississippi River, Credit Island is an interesting park with both natural and cultural history. **Meet at:** Tank on north side of Credit Island, Davenport, IA

Wed, June 6 and Sat, June 9
I'm freezing out here!
Dr. Tim Muir, Augustana College
 Join us for a walk along the Augustana College slough and a discussion of how native turtles, frogs, and insects overwinter. Learn how Dr. Muir catches, identifies, and measures turtles and find out the near-miraculous mechanisms they use to survive a cold winter. **Meet at:** Hanson Hall parking lot (Lot H), Augustana, Rock Island, IL

Tues, June 12 and Thurs, June 14
David B. Sears: The Pioneer of Water Power on the Mississippi River
Frank Ege, Historian
 Learn about one of Moline's earliest settlers and founding fathers: David Sears. With his vision and foresight, he built the first dam and saw mill on the Mississippi River, which contributed greatly to the development of the City of Moline.

Tues, June 19 and Thurs, June 21
Rafting Logs to the QC Mills
Gayle Rein, Historian
 Explore the history of the QC Lumber industry while listening to stories about mill owners, lumber camps, and crews.

Wed, June 13 and Sat, June 16
Understanding Floodplains and Floodplain Management
Anthony Heddlesten and Wayne Wille, Certified Floodplain Managers
 Follow the FEMA delineated 100-year and 500-year floodplain boundaries throughout downtown Davenport. Discuss various methods of floodplain management utilized throughout the Quad Cities. **Meet at:** River Heritage Park, Davenport, IA

Wed, June 20 and Sat, June 23
The QC Story of Dred and Harriet Scott
Adam Burke, Essayist
 Dred and Harriet Scott's antebellum battle for freedom was based on their lives in the North, including the QC area. Discover the truth behind a plaque that claims to mark the site of Scott's Davenport home. **Meet at:** Gazebo in River Heritage Park, Davenport, IA

Tues, June 26 and Thurs, June 28
Birding on the River
Dick Sayles, QC Audubon Society
 Learn about birding the Mississippi River through the seasons with special emphasis on summer birds. Don't forget to bring your camera and binoculars!

The week of July 1st-7th will be a **make-up week** in case of a cancellation due to weather for both the Channel Cat Talks and Riverine Walks. Please call with any concerns at (563) 322-2969.

Wed, June 27 and Sat, June 30
A Closer Look at Emerald Ash Borer
Scott Carlson, Master Arborist
 On this walk, take a tour of Fejervary Park to look at the emerald ash borer and learn about some of the damages they can cause. **Meet at:** Fejervary Park, Davenport, IA

Wed, July 18 and Sat July 21
Sylvan Island Area: History, Recreation and Sustain ability
Dr. Norm Moline, Augustana College
 On Wednesday: cross the new bridge for a stroll on Sylvan Island, the 38-acre "gem" on the Moline-Rock Island border, to learn about its history and "natural" features. On Saturday: explore the area near Sylvan Island to observe examples of sustainable actions such as hydropower, the LEED-certified METHO building, water treatment, and adaptive use of Sylvan Island. **Meet at:** Sylvan Island bridge entrance, Moline, IL

Tues, July 10 and Thurs, July 12
Canoe Voyage - Quad Cities to New Orleans
Dana Stakel, Sojourner
 Join us as a local canoeist recounts adventures of voyages with his father.

Tues, July 17 and Thurs, July 19
Where Does All the Sand and Gravel Come From?
Brian Dockery, RiverStone Group
 Learn about the construction aggregate industry, and the sites and materials traveling up and down the river. Specifically discover how aggregates are the building blocks of America.

Wed, July 11 and Sat, July 14
Lost Grove Lake: A Historical and Ecological Perspective
Chad Dotlan, Iowa DNR
 Learn about the history of the Lost Grove area, the Lost Grove Lake project, and the different values of the lake. **Meet at:** Old Red Barn Boat Access Area, 24999 230th Ave, Eldridge, IA

Wed, August 1 and Sat, August 4
Behind Closed Doors—Putnam Museum's Artifacts
Christina Kastell and Christine Chandler, Putnam Museum
 Explore the museum's storage of 250,000 hidden treasures. See a diverse number of artifacts, from shrunken heads to a molar from a mammoth. **Meet at:** Putnam Museum, 1717 W 12th St, Davenport, IA. **Limit to 12 people.**

Tues, July 24 and Thurs, July 26
Asian Carp in the QC
Jeremiah Haas, Exelon Generation
 An up-to-date status report, control strategies, and other general information about these invasive fish species, along with their possible effects on the Quad City area's waters.

Tues, July 31 and Thurs, August 2
Restoring Floodplains for People and Nature
Olivia Dorothy, American Rivers
 Join us as we discuss the fundamentals of a good floodplain restoration project.

Wed, July 25 and Sat, July 28
Raising Monarch Butterflies
Janet Moline, Rock Island High School (Retired)
 This session shows what people can do in their own yards to attract and feed monarchs, and help eggs become adults. **Meet at:** Quad City Botanical Center, Rock Island, IL. **Limit to 15 people.**

Wed, August 15 and Sat, August 18
A Look at Black Hawk State Historic Site Through the Years
Elizabeth Carrey, Historian
 Walk back through 400 million years of geologic time. Learn about the Sauk and Meskwaki, the amusement park, the effects of the Steel and Sears dams on the river, current infrastructure improvements, and more! **Meet at:** Singing Bird Lodge, Black Hawk State Historic Site, Rock Island, IL

Tues, August 7 and Thurs, August 9
Operations and Maintenance of the Nation's Waterways
Josh Hendrix, Geotechnical Engineer, USAACE, and Anthony Heddlesten, Civil Engineer, USAACE
 This trip will focus on why the lock and dam system was constructed, how it has been maintained to date, and the ongoing repairs at Lock and Dam 15. You will have the ability to look through (weather and traffic dependent) and see the ongoing work to upgrade the downstream lock wall.

Tues, August 14 and Thurs, August 16
River Landscape Mosaic
Dr. Reuben Heine and Dr. Norm Moline, Augustana College
 Study the channel characteristics, riverfront uses, environmental issues in Pool 15 from Arsenal Island to Campbell's Island and observe I-74 construction.

Wed, August 8 and Sat, August 11
Downtown Rock Island: Still Rock Solid
Miles Brahard, Urban Planner
 Tour the oldest downtown in the Quad Cities and learn about its past, present, and future with a focus on architecture and a changing economy. **Meet at:** Schweibert Riverfront Park, Rock Island, IL

Wed, August 29 and Sat, September 1
Best Management Practices within an Urban / Riparian Interface
Brittany Ackerland, City of Davenport
 We will discuss the importance of maintaining streambank buffers to catch runoff and excess pollutants caused by urbanization and current methods of doing so. **Meet at:** Junge Park, Davenport, IA. There will be a short drive to a second location by car caravan.

Tues, August 21 and Thurs, August 23
The History of Fort Armstrong and the Arsenal Island
Gena Schantz, Historian
 Join us as we discuss Arsenal Island's history and how it evolved from military outpost to a major industrial complex.

Tues, August 28 and Thurs, August 30
Building a Bridge for the Future: The I-74 Mississippi River Bridge Project
Danielle Mulholland, Iowa DOT
 Danielle Mulholland, I-74 Project Manager, will discuss the planning and construction process for this important east-west link in the nation's transportation network. The summer is a busy construction period, so we are offering this talk twice to see the progress that has been made!

Wed, August 22 and Sat, August 25
Moline Riverfront Development - 25 Years and Counting
Jeff Anderson, Urban Planner
 Experience Moline's decades of reimagining, redeveloping, and repurposing the Mississippi Riverfront. Take a deeper dive into the creation of a community vision that has successfully transformed Moline's riverfront into a regional destination. **Meet at:** Riverfront trail adjacent to TGI Friday's and the Radisson, Moline, IL

Wed, August 29 and Sat, September 1
Best Management Practices within an Urban / Riparian Interface
Brittany Ackerland, City of Davenport
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Are you a River Action Member?

- \$20 Student Membership
Includes membership card, *eddy Magazine*, and free Riverine Walks
- \$45 Individual Membership
Includes membership card, *eddy Magazine*, and free Riverine Walks
- \$75 Household Membership
Includes membership card, *eddy Magazine*, and free Riverine Walks for all household members
- \$130 Action Membership
Includes benefits of household membership, plus two admissions to a River Action event (choose between Ride the River, Taming of the Slough, Floatzilla, or the Senior Citizen Golf Cart Tour)

PAYMENT OPTIONS
 Please enclose a check made out to River Action or include your credit card information and mail to:
RIVER ACTION
 822 E RIVER DR
 DAVENPORT, IA 52803
 (563) 322-2969 or find us online at riveraction.org



Who We Are

We all have a common history linked to the Mississippi River and with each new trail connection, new public access to the riverfront, and new visual link to the Mighty Mississippi, we become more united in our future.

River Action remains committed to helping establish those connections—physical, visual and philosophical—to our common riverfront and our common future.

If you'd like to continue the momentum of our united RiverWay, we hope you'll consider renewing your membership or joining as a new member of River Action. With your help we can continue to achieve great things in the coming years!

