



Bettendorf, Iowa  
Waterfront Convention Center

## Upper Mississippi River Restoration Program Workshop

**May 7-9, 2024**  
**Agenda**

Participants are encouraged to view a series of recorded webinars in advance of the workshop, available at the following locations regarding:

- UMRR's primary functions and relevant efforts:  
<https://www.mvr.usace.army.mil/Missions/Environmental-Stewardship/Upper-Mississippi-River-Restoration/Key-Initiatives/HREP-Workshops/HREP-2019/>
- UMRR's science that supports its restoration strategies:  
<https://www.mvr.usace.army.mil/Missions/Environmental-Stewardship/Upper-Mississippi-River-Restoration/Key-Initiatives/Workshops/>

**Get to know your fellow attendees by filling out a virtual business card.**  
**Use the QR code below or the following link to access the Padlet platform:**  
<https://padlet.com/umrbastaff/about-us-tzr8bit2uxq19zg4>



**Tuesday, May 7**

**Connection Information**

- Web link: <https://umrba.my.webex.com/umrba.my/j.php?MTID=m16f89dbab481c35fdf22711ba4cc4860>
- Dial-in:
  - Phone number: 312-535-8110
  - Meeting number: 2555 635 2815
  - Passcode: 1234

Time	Topic	Presenter	Format
12:30 p.m.	<b>Welcome and Introductions</b>	<b><i>Marshall Plumley, USACE</i></b>	
12:40	<b>UMRR Overview</b> <ul style="list-style-type: none"><li>▪ Authorization Changes (Funding Levels)</li><li>▪ Project Sizes and Project Selection Process</li><li>▪ Risk Informed Planning</li><li>▪ Study Area, Project Areas, Phases, and Stages</li><li>▪ New Project Sponsors</li><li>▪ Changes to Review Processes</li><li>▪ Feasibility Report Template</li><li>▪ LTRM Implementation Planning</li></ul>	<b><i>Marshall Plumley, USACE</i></b>	Large Group Presentation
1:15	<b>Partner Agency/Organization Priorities and Perspectives</b>	<b><i>UMRR Coordinating Committee</i></b>	Large Group Presentation
2:15	<b>Live Polling Exercise</b>	<b><i>All</i></b>	Large Group Facilitated Discussion
2:35	<b>Break</b>		
3:00	<b>UMRR Strategic Plan</b> <ul style="list-style-type: none"><li>▪ A discussion of the most important issues for UMRR to consider over the next 10 years</li></ul>	<b><i>Marshall Plumley and Chrissa Waite, USACE</i></b>	Small Group Table Top Discussion
3:45	<b>Climate Change</b> <ul style="list-style-type: none"><li>▪ Live Polling Exercise</li><li>▪ Climate Change Analysis for HREPs</li><li>▪ UMRS Future Hydrology</li><li>▪ Building Knowledge to Support Equitable Climate Resilience in the UMR Basin</li><li>▪ Resist-Accept-Direct Framework</li></ul>	<b><i>All Lucie Sawyer, USACE Molly Van Appledorn and John Delaney, USGS Zac McEachran, NOAA Kristen Bouska, USGS</i></b>	Large Group Learning and Facilitated Discussion
5:45	<b>Adjourn</b>		
6:30 p.m.	<b>An evening social will be held at Armored Gardens in Davenport, IA – 315 Pershing Ave</b>		

## **Wednesday, May 8**

[Note: Connection information is available for the large group format only and not the small group formats.]

### **Connection Information**

- Web link: <https://umrba.my.webex.com/umrba.my/j.php?MTID=m1bb4ff1aeb8b3545d08e7623e6cee1ec>
- Dial-in:
  - Phone number: 312-535-8110
  - Meeting number: 2550 754 9008
  - Passcode: 1234

<b>Time</b>	<b>Topic</b>	<b>Presenter</b>	<b>Format</b>
<b>8:00 a.m.</b>	<b>Welcome and Day 1 Recap</b>	<b><i>Marshall Plumley, USACE</i></b>	
<b>8:15</b>	<b>HREP Design and Construction: Lessons Learned</b> <ul style="list-style-type: none"><li>▪ Beaver Island Mussel Habitat</li><li>▪ Harpers Slough Design Recommendations</li><li>▪ Huron Island Submersed Aquatic Vegetation</li><li>▪ Crains Island Passive O&amp;M</li></ul>	<b><i>Dan Kelner, USACE</i></b> <b><i>Kacie Grupa, USACE</i></b> <b><i>Collin Moratz, USACE</i></b> <b><i>Jasen Brown, USACE</i></b>	Large Group Presentation
<b>9:00</b>	<b>Live Polling Exercise</b>	<b><i>All</i></b>	Large Group Facilitated Discussion
<b>9:15</b>	<b>Break</b>		
<b>9:30</b>	<b>HREP Design Handbook Breakouts</b> <ul style="list-style-type: none"><li>▪ Overview and Instructions</li></ul>	<b><i>Kara Mitvalsky, USACE</i></b>	Small Group Interactive
<b>9:45</b>	<ul style="list-style-type: none"><li>▪ Six rotating stations<ul style="list-style-type: none"><li>– Dredging</li><li>– Islands</li><li>– Shoreline and River Bank Protection and Aquatic Structure for Habitat</li><li>– Training Structures and Channel Modifications</li><li>– Forestry and Floodplain Restoration</li><li>– Localized Water Level Management</li></ul></li><li>▪ Preferred station debrief update discussion</li></ul>	<b><i>All</i></b>	Learning Sessions
<b>11:15</b>			
<b>12:00 noon</b>	<b>Lunch*</b>		
<b>1:00</b>	<b>Resilience Based Goals and Objectives for HREPs: UMRR's Rosetta Stone for Science, Habitat and Engineering</b>	<b><i>Jeff Janvrin, WI DNR</i></b>	Large Group Presentation and Learning
<b>1:30</b>	<b>Linking Restoration Actions to Biotic Responses</b>	<b><i>Kristen Bouska, USGS</i></b>	Small Group Interactive Learning Sessions
<b>2:30</b>	<b>Break</b>		

(May 8 Continued)

<b>2:50</b>	<b>HREP Monitoring</b> <ul style="list-style-type: none"><li>▪ The Future of HREP Monitoring</li><li>▪ Environmental Monitoring and Management Application (EMMA)</li></ul>	<b><i>Marshall Plumley, USACE</i></b> <b><i>Mike Dougherty, USACE</i></b>	Large Group Presentation, Small Group Breakout, and Facilitated Discussion
<b>4:10</b>	<b>Modeling for Decision Making</b> <ul style="list-style-type: none"><li>▪ Habitat Modeling Applied to HREPs</li><li>▪ Large Scale and System Model Applications</li></ul>	<b><i>Collin Moratz, USACE</i></b> <b><i>Nathan De Jager, USGS</i></b>	Large Group Learning and Facilitated Discussion
<b>4:50</b>	<b>Day Two Reflection</b>	<b><i>All</i></b>	Large Group Facilitated Discussion
<b>5:00 p.m.</b>	<b>Adjourn</b>		

\*Boxed lunches were made available for purchase for \$25 (see RSVP).  
Refreshments will be available for attendees during the workshop for a requested donation of \$5.  
Both are payable to UMRBA by cash or Venmo. Use the QR code below to link to UMRBA's Venmo account (associated with phone number ending in 6447):



The UMRR Apparel Store is open for two weeks only!  
Place your orders by May 19. Orders will be ready by June 10.  
[https://stores.inksoft.com/upper\\_mississippi\\_river](https://stores.inksoft.com/upper_mississippi_river)



## **Thursday, May 9**

[Note: Connection information is available for the large group format only and not the small group formats.]

### **Connection Information:**

- Web link: <https://umrba.my.webex.com/umrba.my/j.php?MTID=m82a2bc29ece400d951243f0dca3100c0>
- Dial-in:
  - Phone number: 312-535-8110
  - Meeting number: 2554 383 8448
  - Passcode: 1234

<b>Time</b>	<b>Topic</b>	<b>Presenter</b>	<b>Format</b>
<b>8:00 a.m.</b>	<b>Welcome and Day 2 Recap</b>	<b><i>Marshall Plumley, USACE</i></b>	
<b>8:15</b>	<b>Science and Restoration Integration Panel</b> <ul style="list-style-type: none"><li>▪ Evaluations of Aquatic Vegetation Response at Pool 8 Islands using LTRM SRS Data</li><li>▪ Lower Pool 13 Project Development Team (PDT) Lessons Learned</li><li>▪ Lower Pool 13 HREP-Associated Research Project (HARP)</li><li>▪ Lower Pool 4 – Big Lake PDT</li></ul>	<b><i>Jeff Janvrin, WI DNR</i></b> <b><i>Ed Britton, USFWS</i></b> <b><i>Jeff Houser, USGS</i></b> <b><i>Elliot Stefanik, USACE</i></b>	Large Group Learning and Facilitated Discussion
<b>9:45</b>	<b>Break</b>		
<b>10:00</b>	<b>Program Areas of Focus</b> <ul style="list-style-type: none"><li>▪ UMRR Communications and Outreach Team</li><li>▪ Live Polling Exercise</li><li>▪ Comprehensive Benefits for HREPs &amp; Quincy Bay Environmental Justice Example</li><li>▪ Live Polling Exercise</li></ul>	<b><i>Rachel Perrine, USACE</i></b> <b><i>All</i></b> <b><i>Marshall Plumley and Rachel Perrine, USACE</i></b> <b><i>All</i></b>	Large Group Learning and Facilitated Discussion
<b>11:30</b>	<b>Day Three Reflection</b>	<b><i>All</i></b>	Large Group Facilitated Discussion
<b>12:30 p.m.</b>	<b>Adjourn</b>		

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## Thank you to the planning committee!

Marshall Plumley	U.S. Army Corps of Engineers
Kara Mitvalsky	U.S. Army Corps of Engineers
Brian Markert	U.S. Army Corps of Engineers
Lane Richter	U.S. Army Corps of Engineers
Elisa Royce	U.S. Army Corps of Engineers
Angela Deen	U.S. Army Corps of Engineers
Kacie Grupa	U.S. Army Corps of Engineers
Julie Millhollin	U.S. Army Corps of Engineers
Davi Michl	U.S. Army Corps of Engineers
Sara Schmuecker	U.S. Fish and Wildlife Service
Sharonne Baylor	U.S. Fish and Wildlife Service
Jeff Houser	U.S. Geological Survey
Jim Fischer	U.S. Geological Survey
Kirk Hansen	Iowa Department of Natural Resources
Ryan Hupfeld	Iowa Department of Natural Resources
Vanessa Perry	Minnesota Department of Natural Resources
Nicole Ward	Minnesota Department of Natural Resources
Matt Vitello	Missouri Department of Conservation
Jeff Janvrin	Wisconsin Department of Natural Resources
Brenda Kelly	Wisconsin Department of Natural Resources
Andrew Stephenson	Upper Mississippi River Basin Association

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