

**UMRR**  
**Long Term Resource Monitoring FY22 Activities**  
**(October 2021–September 2022)**

**Meetings, Publications, Presentations, and Conference Attendance**

- Seth Fopma. 14 Feb 2022. Presented "Bluegill response to the Pool 12 Overwintering HREP." 82nd annual Midwest Fish & Wildlife Conference/Iowa Chapter of the American Fisheries Society joint meeting. Des Moines, IA
- Seth Fopma. 23 February 2022. Presented "If You Restore It, Will They Come? Bluegill Status in Pool 12 Backwaters." Quarterly UMRR Coordinating Committee meeting.
- Dave Bierman Seth Fopma Ashley Johnson and Travis Kueter. Attended the annual UMRCC meeting. Cape Girardeau, MO. March 2022.
- Seth Fopma and Ashley Johnson. Attended the Fall UMRCC Wildlife and Water Quality Technical Section meetings. Lake Itasca, MN. September 2022.
- Dave Bierman Seth Fopma Ashley Johnson and Travis Kueter. Attended the Iowa DNR Fisheries Bureau's Aquatic Invasive Species Program, Research Section, and Southeast and Mississippi River Management joint staff meeting. Bellevue, IA. December 2021.
- Dave Bierman Seth Fopma Ashley Johnson Travis Kueter. Attended the Iowa DNR Fisheries Statewide meeting. Ankeny, IA. Bierman served as session moderator and Fopma presented about Centrarchid response to the Pool 12 Overwintering HREP. March 2022.
- Dave Bierman. Participated in an Interagency tour of the proposed Lower Pool 13 HREP area. October 2021.
- Dave Bierman and Seth Fopma. Participated in multiple Lower Pool 13 HREP PDT conference calls. January-December 2022.
- Dave Bierman. Participated in multiple Lower Pool 13 HREP PDT conference calls. October-December 2021.
- Seth Fopma. Participated in the Iowa DNR Fisheries Bureau SOP review meeting. March 2022.
- Dave Bierman and Seth Fopma. Participated in the quarterly A-Team conference call and assisted Scott Gritters (Bellevue Fisheries Management Biologist & A-Team Chair) with Iowa DNR's ranking of proposed LTRM Science in Support of Restoration projects. April 2022.
- Dave Bierman and Seth Fopma. Participated in the UMRS aquatic vegetation vulnerability and resilience workshop. October 2021.
- Dave Bierman. Participated in the winter River Resources Coordinating Team (RRCT) conference call. February 2022.
- Seth Fopma. Participated in two UMRS aquatic vegetation resiliency workshops. November 2021.
- Dave Bierman and Travis Kueter. Participated in UMRR Science in Support of Restoration and Management webinars #1 and #2. December 2021.
- Dave Bierman. Served as a member on the Iowa DNR's Fisheries Bureau Statewide 2022 planning committee. November-December 2021.
- Dave Bierman. Served on the Iowa DNR's Fisheries Bureau Statewide 2022 planning committee. January-March 2022.
- Dave Bierman. Virtually attended the Fall RRCT and FWIC meetings. September 2022.
- Dave Bierman and Travis Kueter. Virtually attended the Fall UMRCC Fisheries and Water Quality Technical Section meetings. September 2022.

- Dave Bierman and Ashley Johnson. Virtually attended the Fall UMRCC Water Quality Technical Section meeting. October 2021.
- Dave Bierman and Seth Fopma. Virtually attended the quarterly UMRR Coordinating Committee meeting. 23 February 2022.
- Dave Bierman. Virtually attended the spring RRCT meeting. May 2022.
- Dave Bierman Seth Fopma Ashley Johnson and Travis Kueter. Virtually attended the UMRR-LTRM Science Meeting. February 2022.
- Dave Bierman. Virtually attended the winter Fish and Wildlife Interagency Committee (FWIC) meeting. March 2022.
- Luke Zuklic, Andrew Glen, and Molly Sobotka (MDC). 20-21 Sept 2022. Attended the Upper Mississippi River Conservation Committee Fall Tech Section meeting. Itasca, MN.
- Alicia Carhart. 22Mar2022. Attended annual meeting of the Upper Mississippi River Conservation Committee. Virtual
- Molly Sobotka. An introduction to the Middle Mississippi River. 21Mar.2022.UMRCC WQ Technical Section
- Anderson C. A., R. L. Anderson, J. Wang, N. Gillespie, E. G. Lampo, N. N. McClelland, L. E. Solomon, R. Pendleton, J. T. Lamer. 2021. Silver Carp and Bighead Carp as Forage for Predatory Fish in the LaGrange Reach of the Illinois River <https://doi.org/10.1002/nafm.10681>.
- Blackert, A. Solomon, L., DeBoer, J., VanMiddlesworth, T., Pendleton, R., Fritts, M., Fritts, A., Ting, T., and Lamer, J., 4/21/2022. Mortality and Recruitment in Largemouth Bass, Bluegill, and Black Crappie at the Emiquon Preserve. Platform. 53rd meeting of the Mississippi River Research Consortium.
- Oral: Sherman J, Gray B, Larson D. "Predicting a continuous causal variable with Heglund P, Salvato L, Larson DM. McFarlane A. 2022. Recommendations Regarding Water Level Management to Achieve Ecological Goals in the Upper Mississippi River System. 41 pages. Partner (UMRBA) publication. <https://umrba.org/document/umrba-2022-water-level-management-priority-actions>. DOI: 10.13140/RG.2.2.27806.41288
- Alicia Carhart. 10Oct2022. Attended virtual Aquatic vegetation vulnerability workshop part 1.
- Maxson, K, L Solomon, T Bookout, S DeLain, A Bartels, M Bowler, E Gittinger, E Ratcliff, J West, J DeBoer, A Whitten, S Love, A Casper, J Lamer. 11/8/2021. Recruitment of Smallmouth Buffalo in the Upper Mississippi River System. 2021. 151st Annual American Fisheries Society Meeting, Baltimore, Maryland. Platform Presentation.
- Spear, M., B Harris, B, Ickes, L Solomon, T. Bookout, K. J. Jankowski, and J Lamer. 4/21/2022. Illinois Waterway Fish Community Response to an Ecosystem-Scale Decline in Shipping Vessel Traffic. 53rd meeting of the Mississippi River Research Consortium Platform Presentation.
- Alicia Carhart. 8Nov2022. Attended virtual Aquatic vegetation vulnerability workshop part 2
- Schaick, S, J Williams, K Maxson, L Solomon and J Lamer. 11/8/2021. Catch and size structure comparison of fishes and turtles in hoop nets using three different baits. 151st Annual American Fisheries Society Meeting, Baltimore, Maryland. Platform Presentation.
- Capon, C, A Blackert, T Bookout, M Deja, E Myers, B Novak, D Sutton, K Maxson, L Solomon, J Lamer. 4/21/2022. Investigating the differences in fish assemblages associated with a unique main channel border habitat. Poster. 53rd meeting of the Mississippi River Research Consortium.
- Alicia Carhart. 7Dec2021. Presented TSS analyses at the Quarterly meeting of the Upper Mississippi River Restoration Coordinating Committee.
- Schaick, S. J., B. S. Harris, M. J. Spear, T. A. Bookout, J. A. Williams, L. E. Solomon, K. A. Maxson, D. D. Turney, and J. T. Lamer. 2/16/2022. Catfish and Smallmouth Buffalo Populations in Commercially Versus Non-Commercially Harvested Pools of the Illinois River Midwest Fish and Wildlife Conference, Des Moines, IA.

- Harris, B.S., J. DeBoer, K. Maxson, L. Solomon, A. Whitten, and J. Lamer. 4/21/2022. Trophic Reorganization of native planktivorous fishes at different density extremes of bigheaded carps in the Illinois and Mississippi Rivers. 53rd meeting of the Mississippi River Research Consortium Poster Presentation.
- Alicia Carhart, Andy Bartels, John Kalas. 20Sept2022. Attended fall meeting for Upper Mississippi River Conservation Committee. Lake Itasca, MN.
- Blackert, A. L. Solomon, E. Myers, J. Thulander, T. Ting, A. DeBoer, T. VanMiddlesworth, R. Pendleton, M. Fritts, A. Fritts, and J. Lamer. 2/16/2022. Mortality and Recruitment in Largemouth Bass, Bluegill, and Black Crappie at the Emiquon Preserve. Platform. Midwest Fish and Wildlife Conference, Des Moines, IA.
- Spear, M.J., B.S. Harris, T. Bookout, L. Solomon, K.J. Jankowski, B. Ickes, and J. Lamer. 5/18/2022. Large River Response to an abrupt reduction in shipping vessel traffic. Platform. Joint Aquatic Sciences Meeting, Grand Rapids, MI.
- Alicia Carhart, John Kalas, Jim Fischer. 20Apr2022. Attended annual meeting for the Mississippi River Research Consortium. La Crosse, WI.
- Maxson, K., L. Solomon, T. Bookout, S. DeLain, A. Bartels, M. Bowler, E. Gittinger, E. Ratcliff, J. West, DeBoer, A. Whitten, S. Love, A. Casper, and J.T. Lamer. 2/16/2022. Recruitment of Smallmouth Buffalo in the Upper Mississippi River System. Platform. Midwest Fish and Wildlife Conference, Des Moines, IA.
- Gibson-Reinemer, D.K., R.M. Pendleton, L.E. Solomon, J.H. Chick, and A.F. Casper. 2022. Strong Reductions in Bigheaded Carp Size at Age Accompany Increasing Population Densities. Transactions of the Illinois Academy of Science. 115: 11-19.
- Schaick, S. J., B. S. Harris, M. J. Spear, T. A. Bookout, J. A. Williams, L. E. Solomon, K. A. Maxson, D. D. Turney, and J. T. Lamer. 3/16/2022. Catfish and Smallmouth Buffalo Populations in Commercially Versus Non-Commercially Harvested Pools of the Illinois River. Joint meeting of the Illinois Lake Management Association and the Illinois Chapter of the American Fisheries Society. Champaign, Illinois.
- Lamer, J., L. Solomon, B. Harris, and M. Spear. 6/16/2022. Multiagency Monitoring Project (MAM) proposal funded for \$450,000.
- Blackert, A. Solomon, L., DeBoer, J., VanMiddlesworth, T., Pendleton, R., Fritts, M., Fritts, A., Ting, T., and Lamer, J., 3/16/2022. Mortality and Recruitment in Largemouth Bass, Bluegill, and Black Crappie at the Emiquon Preserve. Platform. Joint meeting of the Illinois Lake Management Association and the Illinois Chapter of the American Fisheries Society. Champaign, Illinois.
- Blackert, A. E., L. E. Solomon, and J. T. Lamer. 2022. The Nature Conservancy's Emiquon Preserve Fish and Aquatic Vegetation Monitoring 2021 Field Report. INHS Technical Report: 2022(13)
- Mathis, AT, BS Harris, KA Maxson, LE Solomon, JT Lamer. 3/16/2022. Habitat Use and Gear Selectivity of Grass Carp in Three Pools of the Upper Mississippi River System. Poster. Joint meeting of the Illinois Lake Management Association and the Illinois Chapter of the American Fisheries Society. Champaign, Illinois.
- Solomon, L. E., A. F. Casper, K. A. Maxson, J. T. Lamer, T. W. Ford, K. D. Blodgett, T. Hobson, D. Perry, N. T. Grider, R. B. Hilsabeck, T. R. Cook, K. S. Irons, M. A. McClelland, T. M. O'Hara. 2022. A case study of large floodplain river restoration: two decades of monitoring the Merwin Preserve and lessons learned through water level fluctuations and uncontrolled reconnection to a large river. Wetlands. 42, 59 (2022) <https://doi.org/10.1007/s13157-022-01581-3>.
- Schaick, S. J., B. S. Harris, M. J. Spear, T. A. Bookout, J. A. Williams, L. E. Solomon, K. A. Maxson, and J.T. Lamer. 2022. Catfish and Buffalo Populations in Upriver Versus Downriver Pools of the Illinois River. 152nd Annual Meeting of the American Fisheries Society. Spokane, Washington.

USGS-KathiJo Jankowski; 30-Jun Hypoxia Task Force Coordinating Committee. Status and Trends  
Presentation

USGS-Molly Van Appledorn, 12-Jul, Illinois Climate Working Group, Status and Trends Presentation

## Technical activities and assistance

- Dave Bierman Seth Fopma Ashley Johnson and Travis Kueter. Assisted Iowa DNR's Fisheries Research Team with sauger and walleye evaluations in Pools 11 and 13. October 2021.
- Seth Fopma and Ashley Johnson. Assisted Iowa DNR's Fisheries Research Team with sampling of the Beaver and Steamboat Island HREPs in Pool 14. October 21.
- Ashley Johnson and Travis Kueter. Assisted KathiJo Jankowski (USGS) with placement of continuous data loggers and cameras in select Pool 13 backwater areas for the UMRR Winter Limnology project. November/December 2021.
- Seth Fopma. Wrote and presented an herbarium proposal at the UMRR-LTRM Science Meeting. February 2022.
- Seth Fopma. Aided Bellevue Fisheries Management staff in watershed delineation for a proposed local pond.
- Seth Fopma. Served on the Iowa Chapter of the American Fisheries Society Executive Committee. Ongoing 2022-2023.
- Ashley Johnson. Completed zooplankton identification for the UMRR-LTRM zooplankton project. June 2022.
- Dave Bierman. Assisted Iowa DNR Water Monitoring Staff with backpack electrofishing efforts in Plum Creek. Delaware County, IA. September 2022.
- Luke Zuklic. 26 Sept.2022. Visit to Illinois River Biological Station to meet LTRM staff and assist with LTRM fish work on Illinois River.
- Alicia Carhart, Danelle Larson, Jason Rohweder. 2022. 22 years of aquatic plant spatiotemporal dynamics in the Upper Mississippi River- analyses, writing, and discussion
- Molly Sobotka. 15Dec2021. Lead field crew for UMRBA CWA pilot reach 9 (Pools 21,20) fish, invertebrate, and water quality sampling (co-coordinate with Invasive Carp Program). Data QA and submittal, report commentary and edits.
- Levi Solomon and Kris Maxson. 11/19/2021. Meeting with Conner Schuman, Saginaw Valley State University, about his class project for the robot boats and automated silver carp herding system. His group wanted to know about riverine logistics for implementation of their system.
- Danelle Larson. Peer review: Journal of Environmental Management article, July 2022. "Short-term effects of macrophyte removal on aquatic biodiversity of rivers and lakes" JEMA-D-22-052917. Reviewed revisions in September 2022, JEMA-D-22-05917R1
- Danelle Larson (lead), Alicia Carhart, Eric Lund. 2022. Aquatic vegetation types identified during early and late phases of vegetation recovery in the upper Mississippi River - review and editing.
- Molly Sobotka. 2022. Maintained GREON buoy in Len Small backwater, calibrated equipment, QA'd data, communicated with project partners.
- Kris Maxson and Levi Solomon. 6/8/2022. Assisted Amy Schneider, grad student at the University of Illinois, by collecting silver carp for her research and facilitating her processing of fish.
- Alicia Carhart, Deanne Drake, James Fischer, Jeffrey Houser, Kathi Jankowski, John Kalas, and Eric Lund. 2022. Intrinsic and extrinsic regulation of water clarity in a large, floodplain-river ecosystem- Discussions, Data analyses, and writing.
- Kris Maxson and Levi Solomon. 2022. Collected silver carp for University of Illinois Springfield (osprey) and Illinois State University (turtle) to facilitate their ongoing research projects.
- Eric Lund (lead), Seth Fopma, Danelle Larson, Alicia Carhart. 2022. Development of herbarium proposal.
- Kris Maxson and Levi Solomon. 2022. Collected female silver ovaries for Allie Lenearts, IL DNR.
- Alicia Carhart, Stephanie Szura, Eric Lund. May2022-June2022. Flowering rush protocol and proposal development, monitoring in spring and fall.

Levi Solomon and Kris Maxson. 10/24/2022. Collected silver carp for Kaleb Richardson, SIUE, for a senior thesis project.

## Outreach

Alicia Carhart. 18Mar2022. Participated in career day at Onalaska Middle School.

Molly Sobotka. 2022. UMRCC spring meeting Missouri planning team.

Levi Solomon. 4/2/2022. Participated in Raptor Day at Dickson Mounds Museum.

Water Level Management Opportunities for Ecosystem Restoration on the Upper Mississippi River and Illinois Waterway.” Upper Mississippi River Basin Association, WLM Regional Coordinating Committee. July 2022. In acknowledgements and cites science papers. Water Level Management Opportunities for Ecosystem Restoration on the UMRS - July 2022.pdf (umrba.org)

Levi Solomon. 6/7/2022. Co-hosted an OLLI group of senior citizens here for a tour of the field station river.

Levi Solomon. 6/15/2022. Spoon River College Science on the Illinois River class. Tour of office and river with fish show and tell.

Levi Solomon. 8/3/2022. Hosted TOT TIME at Dickson Mounds Museum, an event where we show fish to children ages 1-12.

Levi Solomon. 10/14/2022. Hosted Western Illinois University Biological Grad Students association (BGSA) outreach with Maddi Davee. Standard college student tour with office and carp tour.

## Status and Trends outreach 2022

AWI	23-Jun	LinkedIn	<a href="#">Kim Lutz on LinkedIn: Ecological Status and Trends of the Upper Mississippi and Illinois</a>
WQAD - Quad Citites	23-Jun	Local Television Website	<a href="https://www.wqad.com/article/tech/science/environment/upper-mississippi-illinois-rivers-25-year-report-us-army-corps-of-engineers-ecological-status/526-717de181-6a72-41dc-957d-3dc16808432e">https://www.wqad.com/article/tech/science/environment/upper-mississippi-illinois-rivers-25-year-report-us-army-corps-of-engineers-ecological-status/526-717de181-6a72-41dc-957d-3dc16808432e</a>
WGEM - Quincy, IL	11-Jul	Local Television with Video	
Fergus Falls Journal (MN)	8-Jul	MN DNR News Release	<a href="#">Status, trends report released on Upper Mississippi River System   Sports   fergusfallsjournal.com</a>
R&J Broadcasting Inc	11-Jul	MN DNR News Release	<a href="#">Status, trends report released on Upper Mississippi River System (rjbroadcasting.com)</a>
Milwaukee Journal Sentinel	27-Jun	News article	<a href="https://www.jsonline.com/story/news/2022/06/27/high-water-more-flooding-impacting-upper-mississippi-river-wisconsin-minnesota-illinois-iowa/7704277001/?fbclid=IwAR2gY1msB2gDOPGnkdvzIMo6aKXtklrrBPs70M-2NW4Jx475AOdkbn00bqs">https://www.jsonline.com/story/news/2022/06/27/high-water-more-flooding-impacting-upper-mississippi-river-wisconsin-minnesota-illinois-iowa/7704277001/?fbclid=IwAR2gY1msB2gDOPGnkdvzIMo6aKXtklrrBPs70M-2NW4Jx475AOdkbn00bqs</a>
The Lens - New Orleans, LA	27-Jun	News article	<a href="https://thelensnola.org/2022/06/27/high-water-and-prolonged-flooding-are-changing-the-ecosystem-of-the-upper-mississippi-river-a-new-report-finds/">https://thelensnola.org/2022/06/27/high-water-and-prolonged-flooding-are-changing-the-ecosystem-of-the-upper-mississippi-river-a-new-report-finds/</a>

Post Crescent - Appleton, WI	27-Jun	News article	<a href="https://www.postcrescent.com/story/news/2022/06/27/high-water-more-flooding-impacting-upper-mississippi-river-wisconsin-minnesota-illinois-iowa/7704277001/">https://www.postcrescent.com/story/news/2022/06/27/high-water-more-flooding-impacting-upper-mississippi-river-wisconsin-minnesota-illinois-iowa/7704277001/</a>
Wisconsin Watch	28-Jun	News article	<a href="#">High water, prolonged flooding changing ecosystem of the Upper Mississippi, new report finds - WisconsinWatch.org</a>
The Gazette - Cedar Rapids, IA	3-Jul	News article	<a href="#">Report: High water, longer flooding change Upper Mississippi River ecosystem   The Gazette</a>
Outdoor News (MN)	8-Jul	News article	<a href="#">Report documents status, trends of Upper Mississippi River System - Outdoornews</a>
Inter County Cooperative Publishing Association (WI)	11-Jul	News article	<a href="#">DNR announces new upper Mississippi River system report   Inter-County Leader (leadericcpa.com)</a>
The Waterways Journal	12-Jul	News article	<a href="#">Report Assesses Rivers' Ecological Status - The Waterways Journal</a>
The Pilot-Independent	13-Jul	News article	<a href="#">Status, trends report released on Upper Mississippi River System   Outdoors   walkermn.com</a>
Crookston Times - Crookston, MN	13-Jul	News Article	<a href="https://www.crookstontimes.com/2022/07/13/dnr-status-trends-report-released-on-upper-mississippi-river-system/">https://www.crookstontimes.com/2022/07/13/dnr-status-trends-report-released-on-upper-mississippi-river-system/</a>
The Gazette - Cedar Rapids, IA	17-Jul	News article	<a href="#">Fill gaps in our knowledge of the Mississippi River system   The Gazette</a>
WNIJ/WNIU Northern Public Radio - DeKalb, IL	18-Jul	News article	<a href="#">High water and prolonged flooding are changing the ecosystem of the Upper Mississippi River, a new report finds   Northern Public Radio: WNIJ and WNIU</a>
The Center Square - IL	26-Jul	News article	<a href="#">Report shows good and bad of Upper Mississippi and Illinois rivers   Illinois   thecentersquare.com</a>
KPVI - Pocatello, Idaho	26-Jul	News article	<a href="#">Report shows good and bad of Upper Mississippi and Illinois rivers   National News   kpvi.com</a>



My Journal Courier	27-Jul	News article	<a href="#">Report details good and bad of upper Mississippi, Illinois rivers</a>
Big Z Media Advantage	31-Jul	News article	<a href="#">Study shows changes in Mississippi and Illinois Rivers</a>
Post Bulletin	1-Aug	News Article	<a href="#">Weiss: Some good, some not-so-good for Mississippi River</a>
The Monroe Times - Madison, WI	1-Aug	News Article	<a href="#">DNR Announces New Upper Mississippi River System Report - Monroe Times (themonroetimes.com)</a>
NPR Illinois	3-Aug	News Article	<a href="#">The Illinois and Upper Mississippi Rivers are changing. Here's how   NPR Illinois</a>
WSIU	3-Aug	News Article	<a href="#">The Illinois and Upper Mississippi Rivers are changing. Here's how   WSIU</a>
WCBU	3-Aug	News Article	<a href="#">The Illinois and Upper Mississippi Rivers are changing. Here's how   Peoria Public Radio (wcbu.org)</a>
Winona Post	5-Aug	News Article	<a href="#">Status, trends report released on Upper Mississippi River System   Community   winonapost.com</a>
MN DNR	8-Jul	News release	<a href="#">Status, trends report released on Upper Mississippi River System : Jul 8, 2022   News Release   Minnesota DNR (state.mn.us)</a>
WI DNR	8-Jul	News release	<a href="https://dnr.wisconsin.gov/newsroom/release/60256">https://dnr.wisconsin.gov/newsroom/release/60256</a>
EIN Newswires	8-Jul	News release	<a href="#">Status, trends report released on Upper Mississippi River System - EIN Presswire (einnews.com)</a>
WLDS - Jacksonville, IL	24-Jun	Radio - Local Radio Station	<a href="https://wlds.com/audio/u-s-geological-survey-dr-kathi-jo-jankowski-ecological-report-of-the-upper-ms-and-il-rivers/">https://wlds.com/audio/u-s-geological-survey-dr-kathi-jo-jankowski-ecological-report-of-the-upper-ms-and-il-rivers/</a>
USGS- Kristen Bouska	30-Jun	Radio - Wisconsin Public Radio- "Central Time"	<a href="#">Study details a changing Mississippi River   Wisconsin Public Radio (wpr.org)</a>
USGS- KathiJo Jankowski	24-Jun	Radio - WLDS-WEAI	<a href="#">U.S. Geological Survey Dr. Kathi Jo Jankowski – Ecological Report of the Upper MS and IL Rivers – WLDS</a>
USACE-HQ	22-Jun	Twitter	<a href="https://twitter.com/USACEHQ/status/1540817264299106311">https://twitter.com/USACEHQ/status/1540817264299106311</a>
USACE-MVR	22-Jun	Twitter	<a href="https://twitter.com/USACERockIsland/status/1539707296577597441">https://twitter.com/USACERockIsland/status/1539707296577597441</a>

MO DoC	23-Jun	Twitter	<a href="https://twitter.com/USGS">@USGS</a> , in partnership with others, have released a report regarding the Ecological Status and Trends of the Upper Mississippi and Illinois Rivers. <a href="https://t.co/uV40WWnlXx">https://t.co/uV40WWnlXx</a> / Twitter
Audubon	23-Jun	Twitter	<a href="https://twitter.com/audubonsociety/status/1540032692431065089?s=20&amp;t=wi9cc_8iCfTnlmCC9jVKFw">https://twitter.com/audubonsociety/status/1540032692431065089?s=20&amp;t=wi9cc_8iCfTnlmCC9jVKFw</a>
USGS Pubs Warehouse	27-Jun	Twitter	<a href="https://twitter.com/USGS_Pubs/status/1541482062397464577?s=20&amp;t=X9oITLQwiQ-J9jBdVjtESg">https://twitter.com/USGS_Pubs/status/1541482062397464577?s=20&amp;t=X9oITLQwiQ-J9jBdVjtESg</a>
Farm Week Now	25-Jun	Website	<a href="https://www.farmweeknow.com/environmental/upper-mississippi-report-shows-clearer-water-higher-discharge/article_71461df6-f325-11ec-bbda-cf37276c3f89.html">https://www.farmweeknow.com/environmental/upper-mississippi-report-shows-clearer-water-higher-discharge/article_71461df6-f325-11ec-bbda-cf37276c3f89.html</a>
WGLR	29-Jun	Website	<a href="#">Report: High Water, Longer-Lasting Flooding Changing Habitat Along Upper Mississippi   97 Seven Country WGLR - The Tri-States Best Variety of Country - Lancaster, Dubuque, Galena, Platteville</a>
Wispolitics.com	13-Jul	Website article	<a href="#">Dept. of Natural Resources: Announces new Upper Mississippi River System report   WisPolitics.com</a>
WVIK - Quad Cities/Dubuque	16-Jul	Website article	<a href="#">UMRC Brings Climate Advocacy   WVIK, Quad Cities NPR</a>
Aitkin Independent Age	17-Jul	Website article	<a href="#">Report released on status of Upper Mississippi River   Outdoors   messagemedia.co</a>
USACE	22-Jun	Website press release	<a href="#">Upper Mississippi and Illinois Rivers Experiencing Widespread and Regional Changes &gt; Rock Island District &gt; News Releases (army.mil)</a>
Audubon	23-Jun	Website /Blog	<a href="#">New Report Highlights Need for Restoration and Resilience Along Upper Mississippi River   Audubon</a>
DredgeWire	27-Jun	Website /Blog	<a href="#">Upper Mississippi and Illinois Rivers Experiencing Widespread and Regional Changes - DredgeWire : DredgeWire</a>
Lonelake.org	8-Jul	Website /Blog	<a href="#">Does the DNR Report on the Upper Mississippi have bearing for area lakes? — Lone Lake Property Owners Association</a>
Bob Lamb Outdoors	8-Jul	Website /Blog	<a href="#">DNR unveils new Upper Mississippi River System report (boblamboutdoors.com)</a>
Outdoor News Daily	9-Jul	Website /Blog	<a href="#">Status, trends report released on Upper Mississippi River System – Outdoor News Daily</a>
Minnesota Public Radio	30-Aug	News	<a href="https://www.mprnews.org/story/2022/08/30/more-water-in-mississippi-leading-to-loss-of-floodplain-forests">https://www.mprnews.org/story/2022/08/30/more-water-in-mississippi-leading-to-loss-of-floodplain-forests</a>