



Midwest Drought Early Warning Systems (DEWS) Partners Meeting

August 20-22, 2024 | Indianapolis, Indiana

Meeting Location

Embassy Suites by Hilton Indianapolis Downtown (110 West Washington Street)

Meeting Goals

- Provide partners in the Midwest region an opportunity to network and learn from one another around the topic of drought.
- Share success stories and challenges related to advancing drought early warning (which includes drought monitoring, prediction, response, planning/preparedness, and communication).
- Learn about new and innovative drought research and resources applicable to the Midwest.
- Explore emerging drought issues in the region and potential opportunities to address these issues as a regional network.
- Identify collaborative paths forward that advance drought early warning and preparedness across the Midwest.

Agenda: Tuesday, August 20, 2024

Time (CT)	Topic	Who
8:00 AM	Registration Table Open	
8:30 AM	Meeting Welcome & Logistics	Molly Woloszyn NOAA/NIDIS and the Cooperative Institute for Research in Environmental Sciences (CIRES) Beth Hall Midwestern Regional Climate Center (MRCC)/Purdue University
Plenary Session		
8:45 AM	Fifth National Climate Assessment (NCA5): Midwest Chapter Overview	Aaron Wilson Ohio State University/State Climate Office of Ohio
9:15 AM	NCA5 Authors Panel & Discussion	Confirmed panelists thus far: Aaron Wilson Ohio State University Jim Noel NOAA Ohio River Forecast Center Dennis Today USDA Midwest Climate Hub

2024 Midwest DEWS Partners Meeting

Time (CT)	Topic	Who
10:15 AM	Morning Break	
Plenary Session Cont'd		
10:45 AM	Regional Climate Services in the Midwest	Doug Kluck <i>NOAA National Centers for Environmental Information</i>
11:05 AM	Building Knowledge to Support Equitable Climate Resilience in the Upper Mississippi River Basin	Emily Kreiter <i>University of Minnesota</i>
11:25 AM	Precipitation Effectiveness and Drought	Trent Ford <i>Illinois State Water Survey/University of Illinois</i>
11:45 AM	Q & A/Discussion	
12:00 PM	Lunch (<i>provided</i>)	
Session 1: NIDIS + Partner Updates		
1:00 PM	Midwest DEWS Updates	Molly Woloszyn <i>NOAA/NIDIS and CIRES</i>
1:30 PM	Drought Plan Development During a Drought: Lessons Quickly Learned	Tim Hall <i>Iowa Department of Natural Resources</i>
2:00 PM	Emergent Trends Complicate the Interpretation of the United States Drought Monitor (USDM)	Zhiying Li <i>Indiana University</i>
2:30 PM	Afternoon Break	
Session 2: Drought Monitoring Data		
3:00 PM	<p>Drought Monitoring in the Midwest: Assessment of Data Needs and Gaps</p> <p>Group Discussion: <i>discussing needs and gaps, and identifying priorities for improvements to drought monitoring data for the region</i></p>	Moderator: Trent Ford <i>Illinois State Water Survey/ University of Illinois</i>

2024 Midwest DEWS Partners Meeting

Time (CT)	Topic	Who
4:25 PM	Day 1 Wrap-Up	Molly Woloszyn NOAA/NIDIS
4:30 PM	Meeting Adjourns for the Day	
6:00 PM	Informal Evening Gathering (TBD)	

Agenda: Wednesday, August 21, 2024

Time (CT)	Topic	Who
8:30 AM	Welcome to Day 2!	Molly Woloszyn NOAA/NIDIS and CIRES Beth Hall MRCC/Purdue University

Session 3: Drought Monitoring and Communication During Complex Conditions

8:40 AM	This session will present and discuss issues with drought monitoring and communication when conditions are complex, which has been an issue recently in the Midwest. For example, a wet spring pattern quickly transitions to flash drought, short-term wetness vs. long-term rainfall deficits, high-flows coming down the Mississippi River with drought in surrounding areas.	
9:45 AM	Increasing Engagement for On-the-Ground Condition/Drought Reporting	
10:15 AM	Morning Break	

Session 4: State Networking

10:45 AM	State Climate Office Highlights	
11:45 AM	State Lunches (<i>we will sit by state at lunch - this is an opportunity to network with your other state partners</i>)	

Session 5: Ecological Drought in the Midwest

1:00 PM	Ecological Drought - Framing the Issue	USGS & NIDIS
1:20 PM	Presentations on ecological drought impacts, indicators, and research	Variety of speakers from USGS and academic partners
2:45 PM	Break	

2024 Midwest DEWS Partners Meeting

Time (CT)	Topic	Who
3:15 PM	Ecological drought facilitated discussion/table-top discussions: <ul style="list-style-type: none"> ● What do we not understand about ecological drought in the Midwest? ● What are the challenges around incorporating ecosystem impacts into routine drought monitoring? ● How does flash drought impact ecosystems in the region? Or the rapid transition between too much/too little water? 	
4:25 PM	Day 2 Wrap-Up	Molly Woloszyn NOAA/NIDIS and CIRES
4:30 PM	Meeting Adjourns for the Day	

Agenda: Thursday, August 22, 2024

Time (CT)	Topic	Who
8:30 AM	Welcome to the final day!	Molly Woloszyn NOAA/NIDIS and CIRES
Session 6: Drought and the Mississippi River <i>Moderator: Doug Kluck, NOAA NCEI</i>		
8:40 AM	Drought and Low Water Issues on the Mississippi River	NOAA
9:00 AM	Development of a Water Dashboard for the Mississippi River Watershed	Kelsey Satalino NOAA/NIDIS and CIRES
9:30 AM	Mississippi River Watershed Partnership Efforts	
10:15 AM	Break	
Session 7: Meeting Reflection + Next Steps		
10:45 AM	Reflections on the meeting: tabletop discussions and sharing	
11:45 AM	Meeting wrap-up and next steps	Molly Woloszyn NOAA/NIDIS and CIRES
12:00 PM	Meeting Adjourns	