



# Midwest Drought Early Warning System Regional Partner Meeting

November 19-20, 2019

Science Museum of Minnesota – St. Paul, Minnesota

## Meeting Goals

- ❖ To provide partners in the Midwest region an opportunity to network and learn from one another on the topic of drought early warning and preparedness.
- ❖ To share success stories, challenges, and innovative ideas to approaching drought planning and preparedness.
- ❖ To discuss complex topics like the rapid transition from flood to drought and back again, and how we - as a DEWS network - can address these issues together to reduce the overall negative impact on Midwest residents.
- ❖ To learn about new data and information that is available to Midwest partners for drought monitoring, forecasting, planning, and communication.
- ❖ To give partners an update on the activities in the Midwest DEWS Strategic Plan, and to provide the opportunity to discuss what activities and/or topics should be added, removed, or modified in the Plan.

## Agenda: Tuesday, November 19, 2019

- 8:00 AM      **Registration and Breakfast**
- 8:30 AM      **Welcome and Introductions**
- 8:45 AM      **Midwest Trivia!**  
*Moderator: Tonya Bernadt, National Drought Mitigation Center*
- 9:00 AM      **Midwest Drought Early Warning System (DEWS) Overview & NIDIS Update**  
*Molly Woloszyn, NOAA/NIDIS*
- 9:20 AM      **Midwest DEWS Strategic Plan Flash Review**
- 10:45 AM     **Break**
- 11:00 AM     **DEWS Partner 5-minute Lightning Talks**  
*Moderator: Lauren Salvato, Upper Mississippi River Basin Association (UMRBA)*
- Capacity Training on Climate Tools and Resources (*Doug Kluck, NOAA NCEI*)
  - Kentucky's Real-Time Lake Monitoring Network (*Chip Zimmer, Kentucky Department of Water*)
  - Past Precipitation as Tool to Anticipate Hydrological Drought & Groundwater Flooding (*Bob Smail, Wisconsin Department of Natural Resources*)



- Tribal Soil Climate Analysis Network Outreach and Support for Agriculture and Forestry (*Mike Wilson, USDA NRCS*)
- USACE Climate Preparedness and Resilience Activities (*Ann Bannitt, USACE St. Paul District*)
- Advancing Drought Early Warning: Functional Elements of a Dashboard for Exploring Drought (*Stu Foster, Kentucky Climate Center*)
- Evolution of the U.S. Drought Monitor (*Video from the NDMC*)
- Getting Better USDM Input - the Indiana Model (*Manuela Johnson - Indiana Department of Homeland Security*)
- U.S. Drought Monitor Workshops (*Dennis Todey - USDA Midwest Climate Hub*)

12:00 PM      **Networking Lunch** (*provided*)

1:00 PM      **Drought Planning in a Water-Rich Region**

- New Developments in State Drought Planning (*Cody Knutson, National Drought Mitigation Center*)
- Drought Monitoring Activities in Minnesota and Minnesota State Drought Plan Update (*Luigi Romolo, Minnesota State Climatologist*)
- Coordinated Drought Response in Missouri - Lessons Learned from the 2018 Drought (*Jennifer Hoggatt, Missouri DNR*)

2:00 PM      **Discussion on Drought Planning in a Water-Rich Region**  
*Moderator: Aaron Wilson, State Climate Office of Ohio*

2:30 PM      **Break**

3:00 PM      **The Current State of Drought Impact Reporting**  
*Kelly Smith, National Drought Mitigation Center (Remote Presenter)*

3:30 PM      **Discussion on Drought Impact Reporting**  
*Moderator: Chip Zimmer, Kentucky Department of Water*

4:00 PM      **Group Discussion on Midwest DEWS Strategic Plan**  
*Moderator: Molly Woloszyn, NOAA/NIDIS*

4:25 PM      **Day 1 Wrap-Up**

4:30 PM      **Adjourn**

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## Agenda: Wednesday, November 20, 2019

- 8:00 AM      **Breakfast**
- 8:30 AM      **Welcome Back & Day 2 Overview**
- 8:40 AM      Rapid Transitions from Flood to Drought Part 1  
**Exploring Rapid Transitions Between Hydrological Extremes in the Midwest**  
*Aaron Wilson (State Climate Office of Ohio)*  
*Trent Ford (Illinois State Climatologist)*
- 9:10 AM      **Sector Perspectives Panel & Discussion**  
*Moderator: Doug Kluck, NOAA/NCEI*
- Agriculture: *Virgil Schmitt, Iowa State Extension*
  - Ecosystems: *Leslie Brandt, Northern Institute of Applied Climate Science/USDA Forest Service*
  - Navigation: *Lee Nelson, Upper River Services LLC*
  - Water Utilities: *TBD*
- 10:05 AM     **Break**
- 10:20 AM     Rapid Transitions from Flood to Drought Part 2  
**Facilitated Break-Out Groups**
- 11:20 AM     **Group Discussion: Reflecting and Moving Forward with the Midwest DEWS**  
*Moderator: Molly Woloszyn, NOAA/NIDIS*
- 11:50 AM     **Meeting Wrap-Up**
- 12:00 PM     **Adjourn**  
*Boxed Lunches Provided*

*Thank you to the planning team!*



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