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  
Rapid Transitions from Flood to Drought Part 1

8:40 AM  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  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!