



**Eleventh Biennial U.S. Drought Monitor Forum
Western Kentucky University
Bowling Green, KY
September 17-19, 2019**

Organized by National Centers for Environmental Information (NCEI), National Climate Prediction Center, Kentucky Division of Water, and Kentucky Climate Center

Forum Agenda, Day 1, Tuesday, September 17, 2019

Western Kentucky University's Knicely Center, Regency Room 130

8:00 – 8:30 am Registration

Session 1 – Welcome/Keynote/USDM History

Moderator: **Brad Rippey, USDA**

8:30 – 8:55 am Welcome, Announcements, and Forum Objectives

David Miskus, CPC

Richard Heim, NCEI

Chip Zimmer, Kentucky Division of Water

8:55 – 9:10 am Opening Remarks

Stu Foster, Kentucky State Climatologist

9:10 – 9:40 am Keynote Address, *“Tennessee Valley River Management Overview and Response to Hydrologic Variability”*

James Everett, Manager of the Tennessee Valley Authority's River Forecast Center

9:40 – 10:00 am Break

10:00 – 10:30 am History of the USDM – 20th Anniversary

Mark Svoboda, NDMC

10:30 – 11:00 am Drought Risk Atlas Trends and Standardized Streamflow Index (SSI)

Curtis Riganti, NDMC

11:00 – 11:30 am Bourbon, the role of water, our stewardship to it, and how we are impacted by drought
Jason Nally, Makers Mark Distillery

11:30 am – 1:00 pm Lunch (On your own)

Session 2 – USDM Overview

Moderator: **Deborah Bathke**, NDMC

1:00 – 1:30 pm Overview and Making of the U.S. Drought Monitor,
Brian Fuchs, NDMC

1:30 – 1:50 pm Application of GIS Products in USDM Process
Brad Pugh & David Miskus, CPC

1:50 – 2:20 pm 2018 Farm Bill and the USDM
Brad Rippey, USDA

2:20 – 2:40 pm Break

2:40 – 3:10 pm US Affiliated Pacific Islands & US Virgin Islands Weekly Drought Monitor
Richard Heim, NECI

3:10 – 3:30 pm Customized USDM Impact Tables
Mary Noel, University of Nebraska-Lincoln

3:30 – 4:30 pm USDM Authors Panel Discussion

Forum Agenda, Day 2, Wednesday, September 18, 2019

Western Kentucky University's Knicely Center, Recency Room 130

8:30 – 8:40 am Welcome and Announcements

Session 3 – Drought in Kentucky and the Midwest

Moderator: **Richard Heim**, NCEI

8:40 – 9:10 am Local Keynote, *"Adventures in Drought"*,
Glen Conner, former Kentucky State Climatologist

9:10 – 9:40 am The Kentucky Drought Early Warning and Preparedness Project
Stu Foster, Kentucky State Climatologist

9:40 – 10:00 am The National Integrated Drought Information System (NIDIS) and the Midwest DEWS
Molly Woloszyn, Midwest DEWS Regional Drought Information Coordinator

- 10:00 – 10:20 am Break
- 10:20 – 10:40 am USDA Climate Hubs
Steve McNulty, Hub Director – Southeast Climate Hub &
Charlene Felkley, Hub Coordinator – Midwest Climate Hub
- 10:40– 11:10 am Kentucky Drought Risk Assessment
Chip Zimmer, Kentucky Division of Water
- 11:10 – 11:30 am Flash Droughts
Jason Otkin, University of Wisconsin
- 11:30 am – 1:00 pm Lunch (On your own)

Session 4 – Drought Impact Reporting

- Moderator:** **Brian Fuchs**, NDMC
- 1:00 – 1:20 pm CoCoRaHS Condition Monitoring
Kirsten Lackstorm, Carolinas Integrated Sciences & Assessments
- 1:20 – 1:40 pm Kentucky Drought Impact Reporter/Survey123
Chip Zimmer, Kentucky Division of Water
- 1:40 – 2:00 pm NDMC New Impact Reporter
Kelly Smith, NDMC
- 2:00 – 2:20 pm Innovating drought communications with North Carolina stakeholders
Corey Davis, State Climate Office of North Carolina
- 2:20 – 2:40 pm Mizzou 2018 Drought Review and Update
Pat Guinan, Missouri State Climatologist
- 2:40 – 3:00 pm Break
- 3:00 – 3:30 pm Group Discussion (open mic)

Session 5 – Drought Updates

- Moderator:** **David Miskus**, CPC
- 3:30 – 3:50 pm Canada Update
Trevor Hadwen, Agriculture and Agri-Food Canada
- 3:50 – 4:10 pm The Evolution and Impacts of the 2018 Four Corners Drought in the Southwest United States
Becky Bolinger, Colorado Climate Center

4:10 – 4:30 pm Alabama Drought Planning and Response Program
Tom Littlepage, Alabama Office of Water Resources Division

4:30 – 4:50 pm Southeast Alaska Drought Workshop Summary
Rick Fritsch, National Weather Service Juneau Climate FP

Forum Agenda, Day 3, Thursday, September 19, 2019

Western Kentucky University's Knicely Center, Regency Room 130

9:00 – 9:10 am Welcome and Announcements

Session 6 – New Drought Monitoring Products

Moderator: **Mark Svoboda**, NDMC

9:10 – 9:30 am Providing Crop-Specific Flash Drought Information
Peter Goble – Colorado Climate Center

9:30 – 9:50 am Utilizing Objective Drought Severity Thresholds to Improve Drought Monitoring
Zack Leasor, Ohio State University

9:50 – 10:10 am Efficacy of Drought Indices Derived from In Situ Soil Moisture Observations
Michael Palecki & Ronald Leeper, NCEI

10:10 – 10:30 am Break

10:30 – 11:00am National Water Model Update
Dr. Trey Flowers, National Water Center

11:00 – 11:30 am National Soil Moisture Network Update
Dr. Michael Cosh, USDA Agricultural Research Service

11:30 – 12:00 pm Wrap Up & Good Byes

12:00 – 1:30 pm Authors Lunch (On your own)

Session 7 – Authors Only Meeting (1:30 pm – 4:00 pm)

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