

U. S. DROUGHT MONITOR WORKSHOP: FORECASTING, MONITORING AND RESPONDING TO DROUGHT IN THE SOUTHEAST

Dates: February 4 – 5, 2020

Location: Phillips Market Center, South Carolina State Farmers Market
117 Ballard Ct, West Columbia, SC 29172

Day 1 – Tuesday, February 4, 2020

8:30 AM Registration

9:00 AM Welcome, Introductions, and Workshop Purpose
Brian Fuchs, National Drought Mitigation Center (NDMC)
Katherine Helms, South Carolina Department of Agriculture (SCDA)
Steve McNulty, United States Department of Agriculture (USDA)

Part I: U.S. Drought Monitor Training and Applications

9:15 AM The History and Process of the United States Drought Monitor (USDM)
Brian Fuchs, NDMC

9:50 AM Q&A with the USDM Authors
Brian Fuchs, NDMC
David Miskus, Climate Prediction Center (CPC)/USDM Author

10:00 AM Break

10:15 AM The USDM Livestock Feed Program (LFP) Tool and other NDMC Data
Brian Fuchs, NDMC

10:30 AM USDA and the Use of the USDM
Kelly Breinig, USDA Farm Service Agency (FSA)

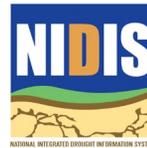
11:00 AM Open Discussion with Q&A
Moderator: Steve McNulty

12:00 PM Lunch Provided by The Spotted Salamander

Assorted Half Gourmet Wraps and Salad Bar with pasta, chips, fruit, and brownies.

Wraps included are:

- ❖ Greek Chicken Salad
- ❖ Chicken Salad Pesto
- ❖ Chicken Salad
- ❖ Spotted BBQ Chicken And Bacon,
- ❖ Honey Ham And Bacon W/Tarragon Honey Mustard
- ❖ Veggie Wrap



Day 1 – Tuesday, February 4, 2020 Afternoon Sessions

Part II: Seasonal Forecasting Tools and Process

- 1:00 PM Past and Current State of Drought Conditions
National Weather Service, Columbia Office
- 1:20 PM CPC Seasonal and Sub-seasonal Forecasting: Process and Products
David Miskus, CPC/USDM Author
- 1:40 PM Understanding Flash Drought and Sectoral Impacts
Pam Knox, University of Georgia (UGA) Agricultural Climatologist

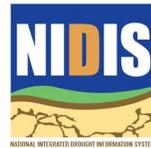
Part III: Agency and Producers Perspectives

- 2:00 PM Overview of USDA's Office of Chief Economist Report
Mark Brusberg, USDA
- 2:15 PM Break
- 2:35 PM Agency and Producers Panel: Experiences and Issues Related to Using the US Drought Monitor
Moderator: Kirsten Lackstrom
Panelists
- **John Irwin**, Laurens County Cattlemen's Association and Retired Clemson Extension
 - **Katherine Zitsch**, Atlanta Regional Commission, Managing Director
 - **Ed Bruce**, Duke Energy, Senior Engineer
 - **Mike Yoder**, North Carolina State University, Associate Director and State Program Leader, 4-H; Emergency Programs Coordinator
 - **Wei Zeng**, Georgia Department of Natural Resources, Environmental Protection Division, Water Protection Branch, Program Manager

Part IV: Regional Contributors to the USDM

- 3:20 PM Roles and Weekly Process of Depicting Drought
Moderator: Meredith Muth
Panelists
- Bill Murphey, Georgia
 - Klaus Albertin, North Carolina
 - Melissa Griffin, South Carolina

- 4:00 PM Day 1 Wrap-Up and Overview of Day 2
- 4:30 PM Adjourn



Day 2 – Wednesday, February 5, 2020

8:30 AM Registration

8:50 AM Day 1 Recap

Part V: Communicating and Reporting Drought: Tools and Resources

9:00 AM Introduction to Drought Impact Reporting
Kirsten Lackstrom, Carolina Integrated Sciences and Assessments (CISA)

9:10 AM Communicating Drought: What, When, How and Why?
Rebecca Ward, State Climate Office of North Carolina

9:25 AM National Drought Mitigation Center's (NDMC) Condition Monitoring Tool
Melissa Griffin, South Carolina State Climatology Office

9:40 AM Updated U.S. Drought Portal (drought.gov): New Local Information
Meredith Muth, National Integrated Drought Information System (NIDIS)

9:55 AM Break

Part VI: Sectoral Focused Drought Information

10:15 AM USDA Climate Hubs - Building Resilience Against Drought
Steve McNulty, USDA Southeast Climate Hub

10:25 AM Effects of Drought on Forests and Rangelands in the United States
Jim Vose, USDA U.S. Forest Service Southern Research Station

10:40 AM Drought and Irrigation Best Practices
Jose Payero, Clemson Extension, Irrigation Research Lead

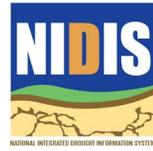
10:55 AM Clemson Drought Mitigation and Emergency Preparedness
Brian Bolt, Clemson Livestock and Forages Team

11:10 AM Drought-Related Conservation and/or Soil Talk
Gordon Mikell, USDA Natural Resources Conservation Service (NRCS)

Part VII: Hot Wash: Workshop Feedback, Suggestions and Action Items

11:25 AM Discussion Topics: Research Needs, Information and Data
Sharing, Communication Planning, and Resources

12:00 PM Closing Remarks and Adjourn
Aaron Wood, SC Department of Agriculture



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