

Technical Workshop on Drought Assessment and Climate Change

February 28 - March 1, 2023

UCAR Central Green 1, Boulder, CO

Workshop Desired Outcomes:

- Share information on the state of current research on drought assessment in a changing climate. (Virtual pre-workshop webinar)
- Identify immediate actions and long-term recommendations to improve drought assessment to incorporate climate change information, utilizing what we know now. (Working Meeting)
- Identify outstanding research questions that would help advance the science of drought assessment and provide science-based knowledge in support of federal drought programs and partners. (Working Meeting)
- Develop a synthesis paper from the outcomes of the technical workshop, that spells out a multi-pronged research agenda as well as recommendations for action. (Post-workshop)

DRAFT WORKING MEETING AGENDA

DAY 1: February 28, 2023

Time¹	Agenda Item²
8:30am	Coffee/Breakfast, Meet and Greet
9:00	Introductions, Goals of the Workshop, Vision for Synthesis Paper
9:15	The Challenge of Assessing and Understanding Extreme Events in a Non-Stationary Climate: Perspectives from NOAA and USDA
9:40	Overview of Critical Topics from Group Leads and Expected Outcomes for Short-Term and Long-Term Recommendations <ul style="list-style-type: none"> ● Group A: What are the right approaches to Address Non-stationarity in Drought Indicators? ● Group B: How can we address the communication challenges of Non-Stationarity and Drought Assessment ● Group C: Consideration of Variability and Extremes

¹ All times shown are in Mountain Standard Time, the local time zone for Boulder Colorado.

² Actual presenters are still to be confirmed and will appear on future iterations of this agenda

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	<ul style="list-style-type: none"> ● Group D: Drought vs Aridification ● Group E: Temperature, Evapotranspiration, and Other Changes
10:00	Group Breakouts 1—Small groups: Short-Term/Immediate Actions, Long-Term Recommendations
11:30	Group Breakouts 2—Topical groups: Short-Term/Immediate Actions, Long-Term Recommendations <ul style="list-style-type: none"> ● Small Groups will merge around Common Critical Topics
12:00n	Lunch
1:00pm	Group Breakouts 2—Topical groups: Short-Term/Immediate Actions, Long-Term Recommendations <ul style="list-style-type: none"> ● Prepare for shift & share report
2:00	Break
2:30	Shift and Shares of Breakouts to solicit ideas from other groups
3:30	Reconvene topical breakout Groups to implement feedback from the Shift and Share exercise
4:00– 4:20	Wrap-Up and Review Day 2 Agenda
4:30– 6:00pm	Day 1 Reception



DAY 2: March 1, 2023

Time	Agenda Item
8:00am	Coffee/Breakfast
8:30	Welcome Back
8:40	Research to Operations Landscape: The “Why” underlying the objective of the Day. How will this research be useful to better drought decision-making in the future?

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9:10	<p>Overview of Critical Topics from Group Leads and Expected Outcomes Discussion on Outstanding Research Topics</p> <ul style="list-style-type: none"> ● Group A: What are the right approaches to Address Non-stationarity in Drought Indicators? ● Group B: How can we address the communication challenges of Non-Stationarity and Drought Assessment ● Group C: Consideration of Variability and Extremes ● Group D: Drought vs Aridification ● Group E: Temperature, Evapotranspiration, and Other Changes
9:30	Group Breakouts 1—Small groups: Outstanding Research Questions
11:00	<p>Group Breakouts 2—Topical groups: Outstanding Research Topics</p> <ul style="list-style-type: none"> ● Small Groups will merge around Common Critical Topics
11:30	Lunch
12:15 pm	<p>Group Breakouts 2—Topical groups: Outstanding Research Topics</p> <ul style="list-style-type: none"> ● Prepare for shift & share report
1:15	Break
1:30	Shift and Shares of Breakouts to solicit ideas from other groups
2:10	Reconvene topical breakout Groups to implement feedback from the Shift and Share exercise
3:00	<p>Large Group discussion:</p> <ul style="list-style-type: none"> ● Next Steps & Marching Orders (15 min) ● Create an implantation panel/working group (15 min) ● Synthesis Paper: Discuss the process, establish leadership and collaborators, determine end goal (15 min)
3:50– 4:00pm	Wrap up & end