



Flash Drought Virtual Workshop – Agenda

December 1-3, 2020



Workshop Objectives

- ❖ Strive for agreement on the basic set of characteristics to which definitions of flash drought should adhere; explore “most useful” flash drought definitions by sector, region, and application.
- ❖ Discuss, understand, and document how existing tools and research can be shaped to meet user needs both in the near-term and in the future.
- ❖ Develop a list of outstanding research needs in monitoring, prediction, and planning/response to improve early warning.
- ❖ Agree upon next steps for this emerging domain and how NIDIS and other partners can support research and coordination.

How to Join Virtually

All Plenary Sessions / Discussion:

Use this link to join the meeting from your computer, tablet or smartphone.

<https://www.gotomeet.me/NIDIS/flash-drought-workshop>

You can also dial in using your phone if within the United States: +1 (872) 240-3212

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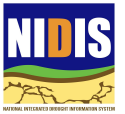
Breakout Sessions:

Session links are provided in the agenda; breakout assignments are listed after the agenda.

Tuesday, December 1, 2020

Block 1: Scene Setting – Going Beyond Research		
Time (ET)	What	Who
10:30 AM	Sign-in and Orientation Period	Moderator: Marina Skumanich, NIDIS
11:00 AM	Workshop Welcome and Purpose	Moderator: Marina Skumanich, NIDIS Welcome: Veva Deheza, NIDIS
11:10 AM	Setting the Context: Flash Drought Stories and Experiences	Presenters: <ul style="list-style-type: none"> ● Mark Svoboda, National Drought Mitigation Center (NDMC)/Univ. of Nebraska-Lincoln ● Pam Knox, University of Georgia ● Pat Guinan, University of Missouri ● Michael Downey, Montana Department of Natural Resources and Conservation

In planning this workshop, NIDIS would like to acknowledge the contributions of Andy Hoell (NOAA), Jason Otkin (Univ of Wisconsin-Madison), Mark Svoboda (NDMC-Univ. of Nebraska-Lincoln), Mike Hobbins (NOAA), and Roger Pulwarty (NOAA).



12:00 PM	5-Minute Break	
12:05 PM	How is Flash Drought Defined in Practice? <i>Report on End-User Survey Results</i>	Tonya Haigh, NDMC
12:20 PM	Q & A / Discussion	Facilitator: Marina Skumanich, NIDIS
12:30 PM	Lunch Break (45 minutes)	

Block 2: Exploring Flash Drought Characteristics		
Time (ET)	What	Who
1:15 PM	Flash Drought Literature Review Recap	Joel Lisonbee, NIDIS
1:30 PM	Breakout B1 Discussions: <ul style="list-style-type: none"> • <i>What are the effects of flash drought? How is it distinct from “normal” drought?</i> • <i>What are key characteristics of flash drought?</i> • <i>What indicators are most important?</i> 	“B1” Breakout Groups <ul style="list-style-type: none"> • Group 1: https://meet.google.com/bkh-bwqc-ntf • Group 2: https://meet.google.com/gky-xabh-pgv • Group 3: https://meet.google.com/ioz-mmms-hjz • Group 4: https://meet.google.com/yje-juws-agk • Group 5: https://meet.google.com/xpa-rwzk-yhf • Group 6: https://meet.google.com/ceb-tmjb-xye • Group 7: https://meet.google.com/aci-rizn-mbo • Group 8: https://meet.google.com/jkj-awda-ofh
2:15 PM	15-Minute Break	
2:30 PM	Breakout B1 Report-Out and Group Discussion	Moderator: Marina Skumanich, NIDIS
3:30 PM	Adjourn Day 1	

(continued next page)

Wednesday, December 2, 2020

Block 3: Shaping Tools/Research to Meet User Needs		
Time (ET)	What	Who
11:00 AM	Introduction to Day 2: Shaping Tools/Research to Meet User Needs	Joel Lisonbee, NIDIS
11:10 AM	Breakout B2 Discussions <ul style="list-style-type: none"> • <i>What are user needs related to flash drought?</i> • <i>How can existing tools and research be shaped to meet those needs?</i> 	“B2” Breakout Groups (by sector): <ul style="list-style-type: none"> • 1-Energy/industry: https://meet.google.com/wux-ouqn-ykw • 2-Water resources: https://meet.google.com/yep-aqsv-ney • 3-Forestry/ecosystem: https://meet.google.com/gzo-imrq-pfn • 4-Fire management: https://meet.google.com/ywb-wzhx-oez • 5-Response/relief: https://meet.google.com/zrc-neoq-knn • 6-Recreation/tourism: https://meet.google.com/jpg-zvex-jpc • 7-Ag-Livestock: https://meet.google.com/qjb-ecmx-ogz • 8-Ag-Plants: https://meet.google.com/cjh-hpws-uvi
11:55 AM	15-Minute Break	
12:10 PM	Breakout B2 Report-Out and Group Discussion	Moderator: Joel Lisonbee, NIDIS
1:15 PM	Adjourn Day 2	

Thursday, December 3, 2020

Block 4: Identify Research Needs in Monitoring, Prediction, and Planning/Response		
Time (ET)	What	Who
11:00 AM	Introduction to Challenges, Opportunities, Gaps and Needs Session	Molly Woloszyn, NIDIS
11:05 AM	Flash Drought Monitoring – Challenges, Opportunities, Gaps and Needs	Presenters: <ul style="list-style-type: none"> • Jason Otkin, University of Wisconsin • Mark Svoboda, NDMC
11:20 AM	Flash Drought Prediction – Challenges, Opportunities, Gaps and Needs	Presenters: <ul style="list-style-type: none"> • Andy Hoell, NOAA Physical Sciences Laboratory • Hailan Wang, NOAA Climate Prediction Center

11:35 AM	Flash Drought Planning and Response – Challenges, Opportunities, Gaps and Needs	Presenter: Tim Hall, Iowa Department of Natural Resources
11:55 PM	5-Minute Break	
12:00 PM	Breakout B3 Discussions: Challenges, Opportunities, Gaps and Needs	<p>“B3” Breakout Groups</p> <ul style="list-style-type: none"> • Monitoring A: https://meet.google.com/iyk-zodv-wgi • Monitoring B: https://meet.google.com/tgr-gdsk-brv • Monitoring C: https://meet.google.com/gdh-hoto-awd • Prediction A: https://meet.google.com/dpv-vppw-rqf • Prediction B: https://meet.google.com/cej-zcwt-ero • Prediction C: https://meet.google.com/zjp-ybsn-sax • Planning A: https://meet.google.com/nam-sxht-kfz • Planning B: https://meet.google.com/uud-woma-rdk
12:45 PM	Lunch Break (45 minutes)	

Block 5: The Path Forward		
Time (ET)	What	Who
1:30 PM	Breakout B3 Report-Out and Group Discussion	Moderator: Molly Woloszyn, NIDIS
2:25 PM	10-Minute Break	
2:35 PM	Group Discussion: Revisit Flash Drought Characteristics from Day 1	Facilitator: Joel Lisonbee, NIDIS
3:05 PM	Introduction to Next Steps: A clear path forward for this emerging domain, and how NIDIS and other partners can support the research and coordination	Veva Deheza, NIDIS
3:10 PM	Group Discussion: Prioritization <ul style="list-style-type: none"> • Which actions/activities are the highest priority? • Which are “low hanging fruit”? 	Facilitator: Molly Woloszyn, NIDIS
3:40 PM	Workshop Wrap-Up	Veva Deheza, NIDIS
3:45 PM	Adjourn Workshop	