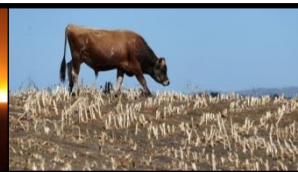


2024 North American Drought Monitor Forum

Victoria, British Columbia, Canada - May 14-16, 2024



Workshop Agenda

Day 1 – Tuesday, May 14, 2024 - Pacific Forestry Center, 506 Burnside Rd W, Victoria, BC V8Z 1M5

8:00 am	Registration	
8:30 am	Welcome, Introductions and Opening Remarks	
8:30 am	Workshop overview, context and goals	Trevor Hadwen , Agriculture and Agri-Food Canada, National Agroclimate Information Service
8:50 am	Welcome from Canadian Partners Agencies	TBD
9:15 am	Keynote Address	John Pomeroy , University of Saskatchewan, Distinguished Professor, Dept. of Geography & Planning, Canada Research Chair in Water Resources and Climate Change, Director, Global Water Futures Programme, Director, USask Centre for Hydrology, Director, USask Coldwater Lab
10:00 am	Refreshment Break	
10:20 am	Session 1: The Impacts and Implications of the 2023 Drought	Session Chair:
10:20 am	The 2023 Drought – A Review of the climate and cause	Armel Castellan , Environment and Climate Change Canada
10:45 am	The 2023 Fire Year in Canada	Matt MacDonald , British Columbia Wildfire Service, Ministry of Forests
11:10 am	TBD	TBD
11:35 am	Discussion	
12:00 pm	Lunch	
1:00 pm	Session 2: NADM Updates	Session Chair:

1:00 pm	Overview of the NADM: History, Concept, Goals, and Process	Richard Heim , National Oceanic and Atmospheric Administration, National Centers for Environmental Information
1:25 pm	Canadian Drought Monitor Update	Trevor Hadwen , Agriculture and Agri-Food Canada, National Agroclimate Information Service
1:50 pm	United States Drought Monitor Update	Brian Fuchs , National Drought Mitigation Center (USA)
2:15 pm	Mexican Drought Monitor Update	Reynold Pascual Ramirez , National Water Commission (Mexico)
2:40 pm	Refreshment Break	
3:00 pm	Drought Monitoring Outside of North America	Mark Svoboda , National Drought Mitigation Centre
3:30 pm	Author Panel Discussion	NADM Authors (Canada, U.S. and Mexico)
4:00 pm	Summary of Day 1	
4:15 pm	End of Day 1	

Day 2 – Wednesday, May 15, 2024 - Pacific Forestry Center, 506 Burnside Rd W, Victoria, BC V8Z 1M5

8:20 am	Welcome Back – Review and Introduction Day 2	
8:30 am	Session 3: Drought In a Changing Climate	Session Chair:
8:30 am	Assessing Drought in a Changing Climate: Current Status, Research Needs and Next Steps.	Britt Parker , National Oceanic and Atmospheric Administration, National Integrated Drought Information System
9:00 am	Assessing Drought in a Changing Climate Panel: - Each Speaker provide a 10-12 minute statement followed by questions for the panel	Zach Hoylman , Hydrologist and Montana Assistant State Climatologist Mike Anderson , California Department of water Resources Crystal Tulley-Cordova , Navajo Nation Department of Water Resources Art Degaetano , NOAA North East Climate Centre
10:00 am	Discussion – How does this information change how we look at monitoring drought	
10:20 am	Refreshment Break	
10:40 am	Session 4: The Importance of Drought Impact Data	Session Chair:
10:40 am	Monitoring Drought Impacts	Kelly Smith , National Drought Mitigation Centre
11:05 am	CoCoRaHS and Condition Reporting	Henry Reges , National Coordinator of CoCoRaHS – Colorado State University
11:30 am	The USDA Agriculture in Drought Products	Brad Rippey , U.S. Department of Agriculture, Office of the Chief Economist
11:55 am	Discussion: - How is impact data currently used within the drought assessment process? - How can we improve data collection and use within the assessments?	
12:15 pm	Lunch	
1:15 pm	Session 5: Drought Indices	Session Chair:
1:15 pm	The NDMC PCA Blends	Mark Svoboda , National Drought Mitigation Centre
1:45 pm	Effective Precipitation	Trent Ford , Illinois State Climatologist

2:15 pm	Development of Gridded Drought Indicators	TBD , Agriculture and Agri-Food Canada, National Agroclimate Information Service
2:45 pm	Refreshment Break	
3:00 pm	Assessing Drought using Machine Learning	Tyler Black , Agriculture and Agri-Food Canada, National Agroclimate Information Service
3:30 pm	The Floating Month Drought Index	Richard Heim , National Oceanic and Atmospheric Administration, National Centers for Environmental Information
4:00 pm	Summary of Day 2	
4:15 pm	End of Day 2	

Day 3 – Thursday, May 16, 2024 - Pacific Forestry Center, 506 Burnside Rd W, Victoria, BC V8Z 1M5

8:20 am	Welcome Back - Review and Introduction Day 3	
8:30 am	Session 6: First Nations and Tribal Communities	Session Chair:
8:30 am	Monitoring Drought with the Involvement of Tribal Communities	Molly Woloszyn , National Oceanic and Atmospheric Administration, National Integrated Drought Information System
8:55 am	Canadian First Nations Representative	TBD
9:20 am	US Tribal Nation Representative	Crystal Tulley-Cordova , Navajo Nation, Department of Water Resources
9:45 am	Discussion	
10:15 am	Refreshment Break	
10:45 am	Session 7: Wildfire and Drought	Session Chair:
10:45 am	U.S. Forest Fire and Drought Research	Tim Brown , Director of western Regional Climate Center
11:10 am	B.C. Forest and Drought	Vanessa Foord , British Columbia Ministry of Forests
11:35 am	The Forest Drought Response Index (ForDRI)	Tsegaye Tadesse , National Drought Mitigation Centre
12:00 pm	Lunch	
1:00 pm	Session 8: Drought in Diverse Environments	Session Chair:
1:00 pm	A Toolbox of Drought Indices for Monitoring Drought Across the Diverse Climates of North America	Richard Heim , National Oceanic and Atmospheric Administration, National Centers for Environmental Information
1:25 pm	Snow Drought	Dan McEvoy , Associate Research Professor, Climatology
1:50 pm	Monitoring Drought in the NWT	Brian Sieben , Government of Northwest Territories, Environment and Natural Resources
2:15 pm	Discussion	
2:30 pm	Session 9: Where Do We Go From Here?	
2:30 pm	Summary, Next Steps and Closing Remarks	Trevor Hadwen , Agriculture and Agri-Food Canada, National Agroclimate Information Service
3:00 pm	End of Day 3	

