

## PPAI Panel Meeting, August 15 to 16, 2024

**Thursday, August 15**

*All times are MST, \* indicates virtual*

Time	Topic	Speakers
<i>Location: Hotel Boulderado Evergreen Room</i>		
7:30 AM	<b>Breakfast</b>	
8:15 AM	<b>Introduction: Discuss panel priorities and meeting outcome goals - land acknowledgement</b>	Michelle L'Heureux and Dillon Amaya
8:30 AM	<b>Session 1: Climate Information for All</b>	Maria Molina, Dan Li, John Callahan
8:35 AM	Elevating Indigenous knowledge and values: enhancing the usability of climate information for actionable decision-making*	James Rattling Leaf (North Central Climate Adaptation Science Center)
8:55 AM	Putting climate science into practice: examples from Washington State*	Guillaume Mauger (UW)
9:15 AM	The role of climate variability and weather forecast accuracy in determining forecast utilization.	Jeffrey Shrader (Columbia University)
9:30 AM	Discussion	
10:15 AM	Break	
10:45 AM	<b>Session 2: Communicating uncertainties in forecasts and predictions to improve decision-making</b>	Sanjiv Kumar and Erin Towler
10:50 AM	Communicating weather and climate uncertainty: the good, the bad, and the ugly	Rebecca Morss (NCAR)
11:10 AM	Characterizing and communicating prediction/projection uncertainty using Large Ensembles	Clara Deser (NCAR)
11:30 AM	Probabilistic atmospheric river forecast products for decision support services at the Center for Western Weather and Water Extremes*	Chad Hecht (UCSD)
11:50 PM	Discussion	
12:30 PM	Lunch	
1:30 PM	<b>Session 3: Uses and best practices for hindcast archives</b>	Weston Anderson, Sarah Larson, Erin Towler
1:35 PM	Uses and best practices of hindcast archives: examples from the The Subseasonal Experiment (SubX)	Kathy Pegion (OU)
1:55 PM	Subseasonal to decadal reforecasts with CESM	Yaga Richter (NCAR)
2:15 PM	Hindcast archives of SubC, S2S, NMME and C3S*	Andrew Robertson (Columbia)

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	models in IRI Data Library and examples of their use in creating multi-model seasonal and sub-seasonal forecasts by national meteorological services*	
2:35 PM	Discussion	
3:05 PM	Break	
3:30 PM	<b>Session 4: Machine learning in climate prediction</b>	Marybeth Arcodia, Maria Janeth Molina
3:30 PM		
4:00 PM	Machine learning for climate prediction at decadal and longer timescales*	Zachary Labe (NOAA GFDL)
4:30 PM	A modified learning to constructing probabilistic climate predictions	Nachiketa Acharya (Lynker)
5:00 PM	Discussion	
5:45 PM	End day 1	
7:00 PM	Panel working dinner at Salt	

## Friday, August 16

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Time	Topic	Speakers
<i>Location: Hotel Boulderado Evergreen Room and NOAA PSL</i>		
7:45 AM	<b>Breakfast</b>	
8:30 AM	<b>Session 5: Defining Extremes in a Changing Climate</b>	Michelle L'Heureux, Dillon Amaya, John Callahan
8:35 AM	Drought assessment in a changing climate	Joel Lisonbee (NIDIS)
8:55 AM	Defining sea level extremes with impacts in mind	Billy Sweet (NOAA)
9:15 AM	Defining and redefining extreme precipitation in a changing climate: Does the bar keep moving?	Kelly Mahoney (NOAA PSL)
9:35 AM	Discussion	
10:15 AM	Break	
10:45 AM	<b>Session 6: Predictability in a changing climate</b>	Dillon Amaya, Baoqiang Xiang, Marybeth Arcodia
10:50 AM	An overview of subseasonal predictability: opportunities and challenges*	Danni Du (CU Boulder)
11:10 AM	Utilizing the model-analog technique to understand climate predictability	Jiale Lou (Princeton)
11:30 AM	Challenges involved with predicting Pacific Decadal Variability	Jerry Meehl (UCAR)
11:50 AM	Discussion	
12:30 PM	Lunch	
1:00 PM	<b>Panel - Relocate to NOAA PSL</b>	
1:30 PM	Additional discussion time	
2:00 PM	<b>Co-conveners make review slides</b>	
3:00 PM	Break	
3:30 PM	Session summaries (10 minutes each)	
4:30 PM	Circle back to panel priorities & plan future activities	
5:30 PM	<b>Meeting concludes</b>	