

CGD SEMINAR



DATE: Tuesday, 20 November 2018

TIME: 11 a.m.

LOCATION: NCAR, 1850 Table Mesa Drive
Mesa Lab, Main Seminar Room

TITLE: The Subseasonal Experiment (SubX)

SPEAKER: Kathy Pegion, George Mason University

ABSTRACT:

SubX is a multi-model subseasonal prediction experiment with both research and real-time components. Seven global models have produced seventeen years of retrospective (re-) forecasts and more than a year of weekly real-time forecasts. Both the re-forecasts and forecasts are archived at the Data Library of the International Research Institute for Climate and Society, Columbia University, for research on subseasonal predictability and predictions. The real-time forecasts started in July 2017 to provide guidance to the week 3-4 outlooks issued by the Climate Prediction Center at the NOAA National Centers for Environmental Prediction. This presentation will describe SubX, the available data and the evaluation of model biases and skill for operationally relevant variables. I will also show skill evaluation for some known sources of subseasonal predictability and examples of how SubX contributes to the official NCEP/CPC week 3-4 outlooks, including some examples of forecast success and failures. Ongoing research and future plans in subseasonal predictability and applications with SubX will also be presented.

Live webcast: <http://ucarconnect.ucar.edu/live>

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