SESSION: (A3) S2S ensemble predictions and forecast information

(A3-07)

The Subseasonal Experiment (SubX)

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The Subseasonal Experiment (SubX) is a NOAA/Climate Testbed project focused on subseasonal predictability and predictions. Seven global models have produced seventeen years of ensemble retrospective forecasts initialized weekly to investigate subseasonal prediction and predictability. Additionally, this project began producing real-time predictions in support of the NOAA/NWS Climate Prediction Center as guidance for their week-3/4 outlooks in July 2017.

 This presentation will provide an overview of the project and the publically available datasets. We will also show a comprehensive evaluation of deterministic and probabilistic skill for weeks 1-4, as well as model biases, for the individual models and multi-model ensemble, demonstrating the value of the multi-model ensemble prediction system.