

SESSION: (B3) S2D ensemble predictions and forecast information

(B3-06)

Skill assessment of the CSIRO multi-year Climate Analysis Forecast Ensemble system

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Meaningful decadal-scale forecasts are crucial for informing adaptation strategies in response to climate variations. Yet, the predictability of the global state at multi-year time scales is not well understood. CSIRO has recently begun development of a probabilistic, decadal-scale, ensemble climate forecast system to investigate the predictability of oceanographic, atmospheric, biogeochemical and ice processes. In this talk we will assess the performance and predictability of the new forecast system using a variety of new and existing verification metrics.