

SPECIAL SESSIONS: WWRP POST-THORPEX LEGACY

2) Subseasonal to Seasonal (S2S) Prediction Project

The goal of the WWRP-WCRP Sub-seasonal to Seasonal prediction project (S2S) is to improve forecasts and understanding on the S2S scale, and promote uptake by operational centres and use by the applications community. The S2S session at the World Weather Open Science Conference will address several aspects of sub-seasonal to seasonal forecasting and application (times scale between 2 weeks and a season):

- Improvement of the representation of key sub-seasonal to seasonal prediction processes in (coupled) models of the atmosphere, cryosphere, ocean and land;
- Determination of predictability and identification of key sources of sub-seasonal to seasonal prediction errors;
- Development and exploitation of ensemble prediction systems with appropriate representation of initial and model uncertainties for sub-seasonal to seasonal prediction
- Methodologies to calibrate, post-process, or make statistical sub-seasonal to seasonal probabilistic forecasts, as well as verification approaches for this time range
- Approaches to integrate sub-seasonal to seasonal forecasts of high-impact weather with Applications.