



The WWRP/WCRP Sub-seasonal to Seasonal Prediction Project (S2S): Highlights of progress in Phase I and plans for Phase II

Andrew Robertson

International Research Institute for Climate and Society (IRI), Columbia University, Palisades, United States
(awr@iri.columbia.edu)

This talk will review the achievements of the WWRP/WCRP Sub-seasonal to Seasonal Prediction Project (S2S) during its first phase (2014-2018), and status of plans for Phase II, in the context of the project's goals. These goals are to improve forecast skill and understanding on the sub-seasonal to seasonal timescale (2 weeks to a season ahead) with special emphasis on high-impact weather events, to promote the initiative's uptake by operational centres and exploitation by the applications community, and capitalize on the expertise of the weather and climate research communities to address issues of importance to the Global Framework for Climate Services. Phase II plans include S2S Database enhancement and several new research foci: MJO prediction and teleconnections, roles of Ocean and sea ice, Land surface, Stratosphere, Atmospheric composition and Ensemble generation. Phase II will also foster activities on enhancing operational infrastructure, and user applications by means of a real-time pilot experiment. Some current estimates of forecast skill and products research will be presented.