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Title: The sub-seasonal to seasonal prediction project

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Abstract:

The Sub-seasonal to Seasonal Prediction project (S2S) is a new WWRP/THORPEX-WCRP joint research project which main goal is to improve forecast skill and understanding on the sub-seasonal to seasonal timescale, and promote its uptake by operational centres and exploitation by the applications community. Specific attention will be paid to the risk of extreme weather, including tropical cyclones, droughts, floods, heat waves and the waxing and waning of monsoon precipitation. Work will be guided by a steering group that will work in conjunction with appropriate WMO bodies and other relevant structures. To achieve these goals, an extensive data base of sub-seasonal to seasonal (up to 60 days) forecasts and reforecasts will be established, modelled in part on the THORPEX Interactive Grand Global Ensemble (TIGGE) database for medium range forecasts (up to 15 days). The S2S database will be a very useful resource to investigate sub-seasonal predictability and the potential benefits of multi-model sub-seasonal prediction for user applications. The project will also focus on specific case studies.

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