Subseasonal to Seasonal Climate Forecasting

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Message from the Guest Editors

Dear Colleagues,

In the past few years, significant progress has been made in the usability of weather data at sub-seasonal to seasonal (S2S) timescales for decision-making. With the advancement of resources and technological developments, more realistic and accurate measurements now allow for achieve better prediction systems. This potentially allows the development of standard tools to meet sector-specific (e.g., food, water, agriculture, energy, health, transportation, etc.) requirements. Yet, these prediction systems exhibit uncertainties when incorporating more detailed information at regional to local scales. An optimal approach is therefore needed to address a trade-off between uncertainties and skills of the prediction systems tailored to the user-specific requirements.

This Special Issue aims to utilize the S2S forecast data to determine the potential effects of impact-relevant studies (e.g., pre-defined natural hazards such as droughts, floods, heat stress, etc.) at regional to local scales. This also includes disseminating datasets, methods, and metric visualizations for sector-specific users.

Special Issue