Special Issue

Subseasonal to Seasonal Climate Forecasting

Message from the Guest Editors

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.

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About the Journal

Message from the Editor-in-Chief

Climate (ISSN 2225-1154) was established in 2013 to provide an open-access outlet for innovative research, review articles, new direction papers, and short communications relevant to all disciplines related to climate at all scales. The journal encourages papers ranging from climate change detection and attribution and Earth system modeling to ecosystem, hydrologic, and socioeconomic impacts and climate mitigation and adaptation measures. The influence of *Climate* is strong and growing (IF 3.2 in 2024, CiteScore 5.7 in 2024).

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