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Characterizing, Monitoring and Prediction of Hydrometeorological Extremes under Climate Change 2.0

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Deadline for manuscript submissions:

closed (15 June 2023)

Message from the Guest Editors

Climate change has altered the hydrological cycle that induces hydrometeorological extremes such as floods and droughts, leading to tremendous impacts on human society and the environment. Determining how to characterize. monitor. predict/forecast and hydrometeorological extremes represents a research hotspot and is crucial for decision making. Compared to the hydrometeorological mean states, the extremes show much more spatiotemporal heterogeneity and are less predictable with larger uncertainties, particularly in the context of climate change. In this Special Issue, we welcome papers focusing on hydrometeorological extremes, including but not limited to flood and drought characterization, monitoring, and prediction/forecasting. Both general methodological contributions and case studies of hydrometeorological extremes across different regions covering a wide range of spatial scales are welcome.

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Message from the Editor-in-Chief

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