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Climate Changes and Hydrological Processes

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Message from the Guest Editors

Due to the influences of climate changes and human activities, extreme climate events have made obvious changes to hydrological process and the temporal-spatial distribution of water resources over the past several decades. The changes affect many aspects of human society, such as water supply, power generation, environmental protection, and economic development. In some areas, the growing rainfall has sharply increased the flood risk and many people have to move from their hometown to safe areas during the flood seasons; the risks of water resources shortage and drought are becoming more and more serious. In this context, many scientists and engineers are assessing the impact of climate change on watershed hydrological process for a better understanding of the possible hydrological process response and to make reasonable scheduling schemes and policies under the changing environment.

This Special Issue aims to provide an opportunity for scholars to share their latest research findings related to climatic change, hydrological processes, and other related topics.

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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