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Research of the Relationship between Climate Change and Runoff in Watershed

Guest Editor:

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Message from the Guest Editor

The Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report (AR5) states that in many regions changing precipitation or melting snow and ice are altering hydrological systems and affecting quantity and quality of water resources. The future projections of river runoff are mostly influenced by two main climate indices: precipitation and air temperature. From now on, representative concentration pathways (RCPs) scenarios, global climate models (GCM), and downscaling methods (SD) are being used for the determination of climate projections and future changes in the river hydrological regime. The different approaches to the preparation of climate input data and hydrological modeling of river runoff have affected the variability of runoff projections in the river catchments[...]

For further reading, please follow the link to the Special Issue Website at: <https://www.mdpi.com>

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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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