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Response and Simulation of Watershed Hydrological Cycle under Climate Change

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Deadline for manuscript submissions:
closed (20 December 2022)

Message from the Guest Editors

In recent decades, hydrologic models have been used to simulate hydrologic processes based on historical data. However, the response and simulation of the watershed hydrological cycle under climate change have not been well studied. An advanced simulation of the watershed hydrologic cycle is needed to better predict the impacts of climate change using robust models and machine learning.

This Special Issue "Response and Simulation of Watershed Hydrological Cycle under Climate Change", will focus on better understanding future watershed hydrologic simulation cycles with more accurate and reliable information. Therefore, new research studies are required to investigate the impacts of climate change on watershed hydrologic processes. Hence, we invite article submissions that contribute but are not limited to the following thematic areas:

- Response and simulation of watershed processes under climate change
- Watershed models and machine learning techniques to simulate watershed hydrologic cycles under different land-use changes
- Impacts of extreme events...

For more details, please see: https://www.mdpi.com/journal/water/special_issues/Watershed_Hydrological_Cycle

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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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