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Research on the Watershed Scale Water Storage and Drought Response under Environmental Change

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Deadline for manuscript submissions:
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Message from the Guest Editors

In recent years, climate change and land-use change have widely been discussed as key factors in the hydrological impact of environmental change. Climate change has altered the spatiotemporal distribution of precipitation and evapotranspiration by intensifying the water cycle from the global to catchment scale. Land-use change is mainly the result of human activities which have altered interception loss, infiltration, and flow paths, affecting the surface runoff process. Hydrometeorological behaviors change the relationship among land cover, evapotranspiration, effective infiltration, etc. showing the complexity of the hydrologic impact of environmental changes. Thus, it is critical to explore the environmental impact on hydrologic processes, especially for water resource management. Because of the impact of climate change, [...] The main goal of this Special Issue is to bring together studies on watershed-scale water storage and drought response under environmental change in different regions of the world.

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/Watershed_Scale_Water_Storage

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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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