



Hydrological Processes under Environmental Change

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Message from the Guest Editors

Dear Colleagues,

Climate change, land use change and other environmental changes may have large impacts on catchment hydrology and water resources. This Special Issue focuses on the evaluation of hydrological models to assess the impacts of environmental changes on hydrological processes. Topics include, but are not limited to:

- attribution of hydrological changes to environmental changes using modelling and data-based approaches;
- calibration and validation of hydrological models focusing on different runoff components;
- evaluation of hydrological models in simulating impacts of past land use changes;
- evaluation of hydrological models for historic climate changes;
- use of in-situ and satellite data for model evaluation under environmental changes;
- dynamic model parameterizations and model structures to enhance model performance under changes;
- sensitivity and uncertainty analyses under environmental changes;
- smart use of impacts of future environmental changes for hydrological model evaluation.





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Message from the Editor-in-Chief

The relevance of water in human development and sustaining life, fuels general and scholarly interest in the world's water resources. A better understanding of all aspects of water and its relation to food supply, energy production, human health, and the functioning of ecosystems is key in managing this precious resource in a sustainable, efficient and equitable manner. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications. We ensure a critical review process and a quick turnaround between submission and final decision.

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