Special Issue

The Impact of Climate Change and Anthropogenic Activities on Watershed Eco-Hydrology

Message from the Guest Editors

Climate change and extreme events such as drought, flood, and heat waves are the most notable factors influencing the water cycle and vegetation at the watershed scale. Not only does precipitation variability interfere with the water cycle, but evapotranspiration change induced by global warming and vegetation cover alternation also results in significant changes in the hydrological process. Anthropogenic impact is another major factor influencing the quantity and quality of water resources by disturbing the eco-hydrological process. This Special Issue aims to address new research on the topic of eco-hydrological response under climate change and anthropogenic impact using either statistical analysis or hydrological models. The application of new approaches such as deep learning methods and multiple-source data analysis is especially encouraged [...] For further reading, please follow the link to the special issue website at: https://www.mdpi.com/journal/water/special_issues/climatechange_anthropogenic_ecohydrology

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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.

Editor-in-Chief

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