Special Issue

The Coupled Impacts of Climate and Land Use and Land Cover Changes on Watershed Hydrology

Message from the Guest Editor

To design an efficient water resource management system for the current and future state of the water supply, scientific progress must be accelerated to achieve a paradigm that represents the coupled impacts of climate and Land Use Land Cover (LULC) changes on watershed hydrology. This Special Issue will focus on the cumulative effects of climate change and LULC modifications on watershed hydrology. It will provide a platform to showcase the latest research advancements in the field of watershed hydrology. The aim is to compile studies highlighting applications of data-driven methodologies or numerical modeling tools to study regional hydrology. The information collected in this Special Issue will add valuable information to our current knowledge, directing future decision-making processes regarding water resource management and land-use planning. I welcome original research articles, case studies, and reviews in several research areas focusing on watershed hydrology. I look forward to receiving your contributions.

Guest Editor

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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

Dr. Jean-Luc PROBST
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