

Special Issue

The Interrelationship Between Climate Change, Human Activities and Hydrological Processes, 4th Edition

Message from the Guest Editors

Climate change and human activities significantly affect hydrological processes through climatic and anthropogenic factors. With intensified land use and human interventions, the impacts on hydrology and water resources have deepened. These interactions are complex and uncertain: while climate change and human activities shape hydrological processes, the latter in turn influence climate and society. This complexity makes research challenging, and many questions remain regarding the mechanisms of these interactions. We invite authors from the global hydrological research community to contribute manuscripts addressing, but not limited to, the following topics:

- The hydrological effects of climate change and human activities;
- The influence of hydrological factors on climate and human activities;
- Hydrological processes and hydrological ecology;
- Interactions between climate change, human activities and hydrological processes;
- Drought or heatwave characteristics caused by climate change or human activities;
- Water security issues caused by climate change and human activities;
- Changes in the hydrological processes of vegetation, soil and rock caused by climate change and human activities.

Guest Editors

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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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