Special Issue

Ecohydrology in the Context of Climate Change: Strategies for Management, Monitoring, and Modeling

Message from the Guest Editors

Environmental and human threats affect both hydrological processes and ecosystems' functions and services. Their integrity degradation leads to a decrease in water resources and ecosystem services. This Special Issue focuses on the latest research on ecohydrological processes and water balance, climate change and ecosystem responses, carbon storage and nutrient transfer, and sustainable solutions. Research topics may include, but are not limited to, the following:

- Understanding the role of hydroecological services;
- Water and soil resource management;
- Ecohydrology solutions;
- Climate change impacts on hydrological cycle;
- Effects of hydrology on soil erosion;
- Ecosystem sensitivity to extreme events such as drought and flood;
- Mathematical modeling aspects;
- Urban ecohydrology;
- Water quality assessment;
- Strategies for management, monitoring and modeling.

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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