

Special Issue

Evaluating Hydrological Responses to Climate Change

Message from the Guest Editors

The impacts of climate change on hydrology are varied and have many implications for resource management, resilience and adaptation. Ample evidence can be found to illustrate ongoing impacts, in addition to projected increases in current trends that include longer dry seasons, shorter wet seasons with more extreme precipitation, diminished snowpack, and longer and more extreme droughts. The hydrological responses to climate change can be examined from a variety of perspectives, including field observations of changing habitats and influences on organisms, hydrological modeling of water supply and impacts on landscapes, and the response of varying components of the hydrological cycle, including soil moisture, coastal fog, evapotranspiration, baseflows, shifts from snow to rain, and changes in recharge versus runoff. This special issue of *Water* will present the results and discussion of investigations into many aspects of how hydrology responds to changes in climate.

Guest Editors

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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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