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Evaluating Hydrological Responses to Climate Change

Guest Editors:

Dr. Lorraine E. Flint
U.S. Geological Survey, California Water Science Center

Ms. Alicia Torregrosa
U.S. Geological Survey, Western Geographic Science Center

Deadline for manuscript submissions:
closed (31 May 2020)

Message from the Guest Editors

The impacts of climate change on hydrology are varied and have many implications for resource management, resilience and adapatation. 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, evpotranspiration, 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.

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Editor-in-Chief

Dr. Jean-Luc PROBST
ECOLAB, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, campus ENSAT, Auzeville Tolosane, France

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.

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Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
𝕏@Water_MDPI