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The Impacts of Climate Change on Hydrologic Extremes

Guest Editors:

Prof. Dr. Hung Soo Kim
Department of Civil Engineering, Inha University, Incheon, Korea

Prof. Dr. Ji Chen
Department of Civil Engineering, The University of Hong Kong (HKU), Hong Kong, China

Prof. Dr. Bellie Sivakumar
Department of Civil Engineering, Indian Institute of Technology Bombay, Powai, Mumbai, Maharashtra 400076, India

Deadline for manuscript submissions:
closed (10 September 2022)

Message from the Guest Editors

The aim of this Special Issue is to bring together scientists and practitioners in the fields of climate-induced hydrologic extremes and natural disasters under climate change and provide a place for discussions about the exchange of the latest developments in the field. Papers will be invited in the general topic of the development and application of the related tools and theories with hydrology and climatology. Papers can deal, among others, with one of the following topics: the statistical and AI modeling of the impact of climate change in hydrologic extremes, data acquisition validation and homogenization, ungauged sites, local and regional frequency analysis, statistical modeling of extremes, risk and reliability in hydro-climatology, and time series analysis. The focus of this issue has particular relevance given the changes in the characteristics of extreme hydrologic events and the increased vulnerability of society to the impacts of these events.

[...]
For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/climate_hydrologic_extremes

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Editor-in-Chief

Dr. Jean-Luc PROBST
Laboratory of Functional Ecology and Environment, 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
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mdpi.com/journal/water
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