Special Issue

Statistical Modelling of Hydrological Extremes: Floods and Droughts

Message from the Guest Editor

In this Special Issue of *Water*, we are particularly interested in studies presenting innovative approaches to the statistical modelling and analysis of hydrological extremes, namely floods and droughts. We invite authors to present their research on the following topics, among other related subjects:

- Univariate and multivariate extreme value analysis;
- Flood frequency modelling;
- Regional and global drought analysis;
- Assessment of uncertainties in hydrological observations;
- (Combined) use of various sources of data as in situ, satellite, climate model outputs, paleohistorical, etc.
- Projections of extreme hydrological phenomena;
- Compound events approach;
- Socio-environmental consequences of hydrological extremes;
- Vulnerability analysis of extreme events.

Guest Editor

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Deadline for manuscript submissions

closed (20 January 2025)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/195181

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About the Journal

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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