water

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 6.0

Impact of Climate on Hydrological Extremes

Guest Editors:

Dr. Salvatore Manfreda

Prof. Dr. Vito Iacobellis

Prof. Dr. Andrea Gioia

Prof. Dr. Mauro Fiorentino

Prof. Krzysztof Kochanek

Deadline for manuscript submissions:
closed (31 March 2018)

Message from the Guest Editors

Dear Colleagues,

High and low flows and associated floods and droughts are extreme hydrological phenomena caused by meteorological anomalies and modified by various catchment processes and human activities. They exert an increasing amount of damage to human, economic, and natural environmental systems in the world. In this context, global climate change along with local fluctuations may eventually trigger a disproportionate response in hydrological extremes.

This Special Issue will focus upon observed extreme events in a recent past, how these extremes are linked to changing global/regional climate, and the manner in which they may shift in the coming years. Papers dealing with physical mechanisms underlying past, present and future climatic extremes, both from the observational and the modelling points of view would be particularly welcome.

water

IMPACT FACTOR 3.0

CITESCORE 6.0

an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.
Journal Rank: JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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