



water

an Open Access Journal by MDPI



Editorial Board Members' Collection Series in “Climate Simulations for Hydrological Predictions and Projections”

Guest Editors:

Dr. Davide Zanchettin

Dr. Xiaojun Wang

Dr. Na Zhao

Deadline for manuscript
submissions:

20 July 2024

Message from the Guest Editors

The hydrological cycle is a critical component of the Earth's system, contributing to both intrinsic and forced climate variability observed on a broad range of temporal scales and from local/regional to global scales. In turn, precipitation, and hydrological surface processes, including river runoff, are affected by climate change and variability. Near-term predictions and projections of water availability and hydrological extremes from the watershed to the continental scale under climate change must account for the uncertainties and limitations of combining global/regional climate models with hydrological models.

This Special Issue aims to collect studies on the use of output from global and regional climate simulations as a boundary for hydrological predictions and projections of the broad water resources, including water availability and quality, droughts and floods, and surface and groundwater reservoirs. Climate and hydrological model evaluation studies, regional land-use and land-cover change studies and studies of data assimilation and downscaling approaches, and their optimization, including statistical methods and artificial intelligence, are especially welcome.



mdpi.com/si/175993

Special Issue



water



an Open Access Journal by MDPI

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.

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 (*Water Science and Technology*)

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](https://twitter.com/Water_MDPI)