Special Issue

Climate Change Impacts on Land Surface, Hydrological Processes and Water Management

Message from the Guest Editors

In recent years, with the development of computer science, remote sensing technology, and climatic models, climate change impacts on land surface, hydrological processes, and water management have been further studied, alongside the emegence of new perspectives and understandings. Therefore, this Special Issue aims to represent the latest advances of this scientific topic. We welcome contributions in all fields relevant to climate change, hydrometeorological modeling, and water resources management, as well as emerging technologies and models. The specific topics of interest include, but are not limited to, the following:

- Climate change impacts on land surface;
- Hydrological modeling of the effects of land use/land cover change;
- Hydrological response to climate change;
- Water resources management;
- Application of regional climate model;
- Catchment flood and drought;
- Remote sensing hydrology;
- Ecological response to hydrological change;
- Vegetation–atmosphere interaction.

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/30N2580EN4

Guest Editors

Dr. Chuanzhe Li
China Institute of Water Resources and Hydropower Research, Beijing, China

Dr. Xuchun Ye
School of Geographical Sciences, Southwest University, Chongqing 400715, China

Deadline for manuscript submissions

closed (30 June 2024)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/142013

Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/journal/water

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
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

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)

MDPI