Special Issue

Climate Change Impacts on Water Resources

Message from the Guest Editor

The impacts of climate change on water resources around the world will require innovative adaptation to all phases of watershed planning and management. At the forefront are needs for improved methods of water budget measurement across multiple scales, robust predictive modeling of supply and demand, and improved understanding of the long-term socioeconomic impacts of adaptation strategies and policies. This Special Issue of *Water* is devoted to promoting advances in global research into improved sensor technologies, novel remote sensing applications, and physically based modeling approaches aimed at improved quantification and subsequent holistic management of water resources. Pertinent examples of topics for this issue include the introduction of low-cost sensor networks, integration of drones and remote sensing into water demand models, water conservation and trading strategies, surface–groundwater interaction, aquifer storage and recovery, and economic valuations of ecosystem services. All types of manuscripts (original research, review, etc.) are highly welcome.

Guest Editor

Prof. Michael Ernest Barber

Department of Civil and Environmental Engineering, University of Utah, Salt Lake City, UT 84112, USA

Deadline for manuscript submissions

closed (31 January 2021)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/38205

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