Special Issue

Impacts of Climate Change Mitigation on Water Management

Message from the Guest Editor

Integrated water resources management is the management of water as a common good and a basic resource, dealing with providing all sectors with sufficient water of a sufficient quality, while dealing with extremes like floods and droughts. It requires balancing the needs of the various sectors and environmental needs. Climate change mitigation measures to reduce greenhouse gas emissions can put substantial pressure on water management. For instance, the production of biofuels or applying carbon capture and storage techniques require amounts of water that may not be readily available in water-scarce situations. The need for mitigation then competes with the existing economic production and development, and comes on top of the already uncertain developments in water availability due to climate change. Unfortunately, many decisions made in industry, agriculture, utilities, etc., as well as in climate policies, are made without incorporating the water management consequences, even when the influence is substantial [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Climate_Impacts

Guest Editor

Dr. Jos G. Timmerman
Waterframes, Lelystad, The Netherlands

Deadline for manuscript submissions

closed (28 February 2022)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/74193

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