Special Issue

Water and Society: Challenges for Freshwater Quality Under a Climate Change Scenario

Message from the Guest Editors

This Special Issue aims to explore diverse perspectives regarding the challenges of obtaining high-quality freshwater under a climate change scenario, particularly considering global warming and the increasingly extending drought periods. Reduced water levels in both surface and groundwater systems increase their vulnerability, hindering not only water quality but all ecological dynamics. An intensification of the occurrence of nuisance episodes is also expected, with serious impacts for local communities. Therefore, the monitoring and maintenance of freshwater quality are critical, and these need to be tackled from every possible perspective. From science and technology research to education and public participation, an increase in knowledge and awareness on the impacts of climate change over freshwater ecosystems, in particular, is the basis of tackling water quality challenges. This Special Issue welcomes the submission of original research articles or reviews regarding freshwater quality, including aspects related to hydrochemistry, biology, ecology, toxicity, engineering, and monitoring approaches, as well as citizen science and environmental education.

Guest Editors

Dr. Daniela R. De Figueiredo

DigiMedia & DeCA (Department of Communication and Art), University of Aveiro, Aveiro, Portugal

Dr. Patrícia S. M. Santos

Department of Chemistry and CESAM, University of Aveiro, Aveiro, Portugal

Deadline for manuscript submissions

12 November 2025

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/234609

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