Special Issue

Management and Sustainable Control of Harmful Algal Blooms

Message from the Guest Editors

This Special Issue aims to promote a multidisciplinary framework for the sustainable management and control of harmful algal blooms (HABs) in ocean and freshwater environments. HABs, largely driven by eutrophication, climate variability, and hydrological alterations, are a growing threat to water quality, biodiversity, and public health. The Special Issue will welcome contributions that span from computational and modeling-based approaches, such as early warning systems, predictive models, data-driven causal inference, and decision support tools, to in situ strategies involving nutrient manipulation, chemical additions, or biological control agents. Field and mesocosm studies exploring the effectiveness, sustainability, and ecological safety of such interventions are especially encouraged. Submissions may also address climate-related vulnerability, system resilience, and long-term control strategies under realistic environmental constraints. It is hoped that this Special Issue will serve as a reference point for researchers, water authorities, and lake managers seeking integrative, science-based solutions to mitigate the impacts of HABs and promote ecosystem stability.

Guest Editors

Dr. Ofir Tal
Israel Oceanographic & Limnological Research Ltd., Haifa, Israel

Dr. Yael Amitai
Israel Oceanographic & Limnological Research Ltd., Haifa, Israel

Deadline for manuscript submissions

20 February 2026

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/249397

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