

Special Issue

Plateau Lake Water Quality and Eutrophication: Status and Challenges

Message from the Guest Editors

Lakes, together with rivers and subterranean aquifers, are indispensable natural resources for humans and other organisms. Lakes not only play a crucial role in water supply, food production and climate regulation, they also function as a cornerstone for socio-economic susceptible development.

During the last century, anthropogenic climate changes, especially seasonal climate alternations, intensified widespread use of agricultural chemicals (e.g., fertilizers and pesticides), and rapidly increasing urbanization have dramatically changed regional watershed and hydrological patterns, exerting excessive pressure on lacustrine ecosystems.

It is necessary to consolidate a comprehensive understanding of the drivers of eutrophication on individual to regional clusters of lakes because lake status varies depending upon location, depth, area, agricultural and industrial intensity, and trophic status. This is our goal to organize this special issue published by the journal *WATER*, which has a global readership on the topic of eutrophication and water resource management.

Guest Editors

Prof. Dr. Hucai Zhang

Dr. Jing'an Chen

Prof. Dr. G. Douglas Haffner

Deadline for manuscript submissions

closed (30 November 2022)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/100686

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

[mdpi.com/journal/
water](https://mdpi.com/journal/water)





Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



[mdpi.com/journal/
water](https://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)