

Special Issue

Aquatic Ecology and Water Quality Management for Sustainability

Message from the Guest Editors

Aquatic ecosystems provide important ecological services, such as regulating the climate, purifying water, providing habitats for aquatic life, and supporting human activities. In recent decades, aquatic ecosystems have faced serious threats such as water pollution, habitat destruction, and climate change impact, which cause water quality deterioration and biodiversity loss and adversely impact ecological service. Therefore, there is an urgent need for the protection and remediation of aquatic ecosystems through scientific management practices and engineering measures. This Special Issue welcomes original research articles and critical reviews on topics related (but not limited) to:

- Monitoring and assessment of aquatic ecosystem health;
- Technologies and strategies for water quality improvement;
- Eutrophication treatment and cyanobacteria bloom control;
- The influence of environmental factors on aquatic organisms and their habitats;
- Structure and ecological function of aquatic ecosystems;
- Environmental behavior and ecological effects of pollutants in aquatic ecosystems.

Guest Editors

Dr. Chenxi Wu

Prof. Dr. Bo Gao

Prof. Dr. Chuanbo Guo

Deadline for manuscript submissions

30 July 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/245904

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)