



Methods and Practices for the Sustainable Management of Lake and River Hydrological Systems

Guest Editors:

Dr. Charalampos Doulgeris

Soil and Water Resources
Institute (SWRI), Hellenic
Agricultural Organisation, 57400
Sindos, Greece

Dr. Dimitra Bobori

Department of Zoology, School
of Biology, Aristotle University of
Thessaloniki, 541 24 Thessaloniki,
Greece

Deadline for manuscript
submissions:

30 November 2024

Message from the Guest Editors

Hydrological systems and freshwater habitats have been under pressure for decades by anthropogenic influences and the subsequent effects of urbanization, intensive agriculture and energy production. Furthermore, climate change exerts additional pressure on freshwater resources and their ecosystems, endangering their sustainability. Lakes and rivers are particularly vulnerable and the sustainable management of their hydrological regimes and ecosystems is crucial.

We particularly invite innovation methods and practices in case studies of lakes and rivers associated with modelling, monitoring and field investigations. Research areas may include (but are not limited to) the following:

- Hydrological analysis and modelling;
- Climate change adaptation and mitigation;
- Ecological lake levels and river flow assessments;
- Habitat analysis methods and species–environment models;
- Ecological requirements analysis of biological species to support sustainability;
- Monitoring of hydrological and biological parameters;
- Combination of hydrological, ecological, economic and social factors for freshwater resources management.





an Open Access Journal by MDPI

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

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.

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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)