



Freshwater Resources and Ecosystems in the Anthropocene: Challenges for a Sustainable Management

Guest Editors:

Dr. Konstantinos Stefanidis

Hellenic Centre for Marine Research, Institute of Marine Biological Resources, and Inland Waters, Anavissos, Greece

Dr. Elias Dimitriou

Institute of Marine Biological Resources and Inland Waters, Hellenic Centre for Marine Research, 19013 Anavyssos, Greece

Deadline for manuscript submissions:

closed (31 July 2021)

Message from the Guest Editors

In this new era, freshwater ecosystems are greatly exposed to risk as anthropogenic activity continuously promotes the alteration of hydrological regimes. Given the anticipated impacts of climate and land-use changes on the global water resources, it is apparent that anthropogenic pressure on freshwaters will increase in the next few years, which increases the need to adapt current freshwater management and/or create new schemes that will ensure a sustainable use of freshwater resources.

This Special Issue welcomes innovative research studies from various disciplines that focus on the impact of anthropogenic disturbances on freshwater ecosystems and resources in the scope of sustainable water management.

- Climate change impacts on freshwater ecosystem functions and services
- The effects of catchment landscape and land-use changes on the water quality, quantity, and availability of water resources
- Modeling the responses of freshwater ecosystems to scenarios of global change and future management
- New tools and methods for monitoring and quantifying the impacts of anthropogenic changes on freshwaters





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, St. Alban-Anlage 66
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)