

## Special Issue

# Aquatic Ecosystems under Changing Environmental Conditions: What Have We Learned?

### Message from the Guest Editors

Climate change is being reported around the world and is altering the living environment of many living organisms on the Earth's surface. Despite numerous scientific alerts on changing environmental conditions, their effects on the biology and ecology of species in aquatic ecosystems taken in their typological diversity are still incompletely understood. Regardless, the tools for studying the biology and ecology of species have recently made great progress. These types of studies are essential to better understand the global effects of changes in environmental conditions, especially in aquatic ecosystems (physical habitats, biocenosis); the variety in species' responses in a typologically aquatic environment diversity including marine, estuarine, lagoon, lake and riverine ecosystems; and the proposals for remedies/solutions associated with this aquatic ecosystem diversity. This Special Issue should serve as a platform to share new discoveries on the effects of changing environmental conditions, the biological responses of species, and future predictions as well as thoughts on the most likely solutions. Original articles and reviews are welcome.

---

### Guest Editors

Prof. Dr. Mich  l Ovidio

Dr. Billy Nzau Matondo

Dr. Jean-Philippe Benitez

---

### Deadline for manuscript submissions

closed (30 June 2025)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/174341](https://mdpi.com/si/174341)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto: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)