



## Challenges and Solutions for Sustainable Biodiversity and the Conservation of Aquatic and Water-Dependent Habitats

Guest Editors:

**Prof. Dr. Mirosław Grzybowski**

Department of Tourism,  
Recreation and Ecology,  
University of Warmia and Mazury  
in Olsztyn, Olsztyn, Poland

**Prof. Dr. Katja Neves**

Department of Sociology and  
Anthropology, Concordia  
University, Montreal, QC, Canada

**Dr. Magdalena Bowszys**

Department of Tourism,  
Recreation and Ecology,  
University of Warmia and Mazury  
in Olsztyn, Olsztyn, Poland

Deadline for manuscript  
submissions:

**31 March 2025**

### Message from the Guest Editors

This Special Issue aims to showcase research and activities addressing these global challenges. The increasing human population, deforestation, and man-made climate change are likely to exacerbate the negative trends in freshwater ecosystems and species endangerment. Consequently, the biodiversity of freshwater communities continues to dwindle at an alarming rate. However, this particular topic lacks sufficient attention from conservation ecologists and policymakers, resulting in a dearth of data and comprehensive reviews on freshwater biodiversity, specifically. Despite the widespread awareness of risks to freshwater biodiversity, organized action to reverse this decline has been lacking. Actions must take the form of nature-based solutions, which refer to efforts to protect, sustainably manage, and restore natural or modified aquatic and water-dependent habitats to effectively and adaptively cope with societal challenges such as climate change, while also benefiting human well-being and biodiversity.





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](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)