

Special Issue

Environmental Risk Assessment of Aquatic Environments

Message from the Guest Editor

In recent years, factors such as multidrug-resistant organisms, emerging contaminants, and environmental hormones have become pivotal issues in aquatic environments, posing potential hazards to aquatic organisms. Substances like heavy metals, antibiotics, and biotoxins also impact aquatic ecosystems to varying degrees.

The Special Issue covers various aspects, including microbial ecology, detection, and management of emerging contaminants, impact of environmental hormones, monitoring of heavy metal pollution, risks associated with antibiotic resistance, ecological effects of biotoxins, desalination and wastewater treatment, etc. The scope of this Special Issue is not limited to natural water bodies but also extends to aquaculture systems, exploring the ecology of microorganisms, algae, and their applications in aquaculture. Additionally, the Special Issue will emphasize the feasibility of bioremediation technologies in aquatic environments, involving the application of microorganisms, microalgae, and other biological agents. We look forward to receiving your valuable contributions to the ongoing development of the field of environmental risk assessment in aquatic environments.

Guest Editor

Prof. Dr. Chien-Sen Liao

Faculty of Department of Medical Science & Biotechnology, College of Medical Science and Technology, I-Shou University, Kaohsiung 82445, Taiwan

Deadline for manuscript submissions

25 September 2025



Environments

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.7



mdpi.com/si/199096

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

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





Environments

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.7



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



About the Journal

Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Sergio Ulgiati

1. Department of Science and Technology, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Napoli, Italy

2. School of Environment, State Key Joint Laboratory of Environment Simulation and Pollution Control, Beijing Normal University, No. 19 Xijiekouwai Street, Beijing 100875, China

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubAg, AGRIS, GeoRef, and other databases.

Journal Rank:

JCR - Q2 (Environmental Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2025).