



Environmental Risk Assessment of Aquatic Environments

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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.





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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.

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