



Contaminants in Aquatic Ecosystem: Monitoring and Recovery in Aquaculture Production

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Message from the Guest Editors

Dear Colleagues,

Different contaminants have proliferated worldwide over the past few decades, and they are currently recognized as a serious threat to aquatic ecosystems and, consequently, to human health as they can be ingested by aquatic organisms from various trophic levels and transferred through the food web. Fish from polluted aquatic ecosystems could be subjected to different types of contaminants which can include heavy metals, microplastics, nanoplastics, algal biomass, parasites, microorganisms, and other harmful substances with negative effects on human health. Anthropogenic activities including agricultural practices, industrialization, mining, and urbanization can cause pollution to the aquatic environment. Additionally, existing practices in aquaculture can lead to increased concentration of pathogenic bacteria, antibiotic-resistant bacteria, parasites, viruses, antibiotic residues, heavy metals, persistent organic pollutants, and radionuclides.

This Special Issue invites papers addressing any aspect related to different contaminants in different aquatic systems and aquaculture.

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Guest Editors





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Message from the Editor-in-Chief

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