

Special Issue

The Effects of Contaminants from Aquaculture on Aquatic Environments

Message from the Guest Editors

In recent decades, aquaculture has been the fastest growing food production activity in the world. With demand for seafood expected to further increase, the need for aquaculture to grow sustainably has been emphasized. Numerous chemicals are used in aquaculture production to prevent and treat disease outbreaks, ranging from medicines such as antiparasitics and antibiotics to disinfectants and antifoulants. These chemicals can enter surrounding aquatic environments, where they pose a risk to flora and fauna. This Special Issue will focus on the effects of chemical contaminants associated with aquaculture on freshwater and marine animals, both individually and in combination with other anthropogenic stressors. Papers concerning toxicity evaluation and toxic mechanisms of action of these contaminants at the molecular, cellular, organ, individual, and population levels are welcomed. In addition, we welcome papers related to environmental risk assessments of contaminants from aquaculture. Studies can be based on laboratory in vivo and in vitro techniques as well as modeling methods.

Guest Editors

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Deadline for manuscript submissions

closed (10 June 2024)



Fishes

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Impact Factor 2.4
CiteScore 3.0



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About the Journal

Message from the Editor-in-Chief

Fishes is a multidisciplinary open access journal focusing on reports of original research and critical reviews and synthesis from the broad area of fishes and aquatic animals. The ultimate objective of *Fishes* is to facilitate the discovery of connections between research areas, advancing science and filling knowledge gaps, and providing solutions for all present and future issues encountered in the sector of fisheries and aquaculture. As Editor-in-Chief, I encourage you to consider *Fishes* for your scientific papers and would be pleased to welcome you as one of our authors.

Editor-in-Chief

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