Special Issue

Genomics of Stress Responses in Fish

Message from the Guest Editors

In the context of global changes, fish are increasingly exposed to multiple stressors that have cascading effects from molecules to whole individuals, thereby affecting wild fish populations through selective processes or the aquaculture fish biomass in aquaculture production systems. The application of emerging and consolidated genomics tools in different marine and freshwater fish species has shown promise in merging different levels of biological organization to better predict population resilience under multiple stressors. This Special Issue aims to provide the latest information on fish responses and adaptations to different and/or multiple stressors, while trying to develop genomic technologies applied to freshwater and marine fish species. Submissions' topics including, but not limited to the following: Genomic tools applied to aquatic organisms; Development of genomics approaches in eco-toxicological and evolution studies; Stress response of fish and other aquatic organisms toward different and multiple stressors; Evaluation of newly introduced genomic technologies in freshwater and marine fish species.

Guest Editors

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Deadline for manuscript submissions

closed (1 October 2025)

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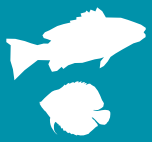

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About the Journal

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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