

## Special Issue

# Impacts of Climate Change on Physiology and Ecology of Aquatic Organisms

### Message from the Guest Editors

Climate change is profoundly impacting global aquatic ecosystems, leading to rising water temperatures, ocean acidification, and reduced dissolved oxygen levels—phenomena that threaten the survival and reproduction of aquatic organisms. As a critical link in maintaining ecological balance and sustaining human fishery resources, studying the response mechanisms of aquatic organisms aids in predicting future ecological shifts and developing scientifically sound conservation strategies. To advance research in this field, we invite original research papers or review articles from scientists and scholars exploring how climate-related environmental factors affect the physiological functions, population dynamics, and ecosystem stability of aquatic organisms. This call for papers aims to foster interdisciplinary exchange and provide theoretical support for global climate governance and biodiversity conservation.

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### Guest Editors

Dr. Zhihua Li

Dr. Xinguo Zhao

Dr. Yuming Zhang

Dr. Ping Li

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### Deadline for manuscript submissions

10 March 2026



## Fishes

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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.

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### Editor-in-Chief

Prof. Dr. Maria Angeles Esteban

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