

Special Issue

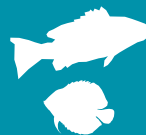
New Challenges in Control and Monitoring of Aquatic Invasive Species

Message from the Guest Editor

Aquatic invasive species (AIS) present a significant challenge to biodiversity, ecosystem health, and socio-economic systems globally. The spread of AIS, influenced by globalization, climate change, and human activities, disrupts native ecosystems, resulting in habitat degradation and a decline in native species. Effective control and monitoring of AIS require innovative approaches that integrate ecological, technological, and management perspectives. Advances in molecular tools, remote sensing technologies, and risk assessment frameworks are improving the early detection and monitoring of AIS. Additionally, new management strategies, including bio-control, habitat restoration, and predictive modeling, provide new methods for mitigating their impacts. Interdisciplinary collaboration is essential to address gaps in knowledge and develop comprehensive solutions that balance ecological conservation with socio-economic needs. Sharing insights and innovative methods enhances knowledge and promotes a more cohesive understanding of complex issues, enabling effective responses to protect aquatic ecosystems and global biodiversity resilience.

Deadline for manuscript submissions

closed (20 February 2026)



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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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