

Special Issue

Advances in Shrimp Aquaculture: Management and Sustainability

Message from the Guest Editor

Shrimp are the most productive and highly traded aquaculture species around the world, and they are widely cultured in many countries and coastal regions. Although facing many challenges, such as fish meal shortages, environmental degradation, and disease outbreaks, shrimp aquaculture has still undergone significant developments with progress in science and technology over the past few decades. Recently, the rapid growth of shrimp aquaculture requires the development of responsible and sustainable models, management, and practices. An increasing number of innovative techniques and approaches are emerging to support the healthy and intensive development of shrimp aquaculture. In this Special Issue, we invite you to publish research or review articles that address advances in shrimp aquaculture. Potential topics include but are not limited to the following: genetic improvement and seeding breeding, aquacultural facilities and engineering equipment, water quality control and environmental microorganisms, feed nutrition and feeding management, disease diagnosis and biological prevention, and wastewater treatment and ecological remediation.

Guest Editor

Dr. Wujie Xu

South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences, Guangzhou 510300, China

Deadline for manuscript submissions

closed (10 May 2025)



Fishes

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 4.4



mdpi.com/si/203982

Fishes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
fishes@mdpi.com

[mdpi.com/journal/
fishes](https://mdpi.com/journal/fishes)





Fishes

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 4.4



[mdpi.com/journal/
fishes](https://mdpi.com/journal/fishes)



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

Prof. Dr. Maria Angeles Esteban

Department of Cell Biology and Histology, Faculty of Biology, University of Murcia, 30100 Murcia, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), GEOBASE, PubAg, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Marine and Freshwater Biology) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)