Special Issue

Nutrition, Physiology and Metabolism of Crustaceans

Message from the Guest Editor

Crustacean aquaculture is one of the most profitable activities worldwide. However, an important challenge continues to be the feeding and nutrition of these organisms in captivity, due to the high costs of the ingredients used to formulate feed. The fundamental basis for a correct understanding of the biology of crustaceans, whether in culture or in their natural state, is focused on the detailed study of their physiology and, therefore, their metabolism, in order to achieve optimal development for the biological capacities of organisms. It is crucial to develop research in these areas, not only to create more efficient nutrition and cultivation techniques, but also to establish sustainable management plans that protect natural populations. The purpose of this Special Issue is to increase knowledge on crustacean nutrition, physiology and metabolism through the dissemination of relevant and updated information. We seek to promote progress in this line of research, favoring more responsible practices that are respectful to the environment, with the aim of improving cultivation and guaranteeing sustainable management.

Guest Editor

Prof. Dr. Fernando Vega-Villasante

Laboratory of Water Quality and Experimental Aquaculture (LACUIC), Centro Universitario de la Costa, Universidad de Guadalajara, Puerto Vallarta, Mexico

Deadline for manuscript submissions

closed (5 November 2024)



Fishes

an Open Access Journal by MDPI

Impact Factor 2.4 CiteScore 3.0



mdpi.com/si/181037

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

mdpi.com/journal/ fishes





Fishes

an Open Access Journal by MDPI

Impact Factor 2.4 CiteScore 3.0



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), PubAg, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Marine and Freshwater Biology) Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

