

Special Issue

Implications for Fish Feeding Strategies Facing Fishmeal Replacement

Message from the Guest Editors

Fishmeal is the most popular aquafeed option due to its high nutritional value, palatability and digestibility. However, the economic and environmental costs of fishmeal production are considerable, driving the search for alternative protein sources that are cost-effective and environmentally sustainable. In recent decades, research has been performed in order to validate these new protein sources, ensuring that they meet nutritional requirements, are acceptable to fish, and have no negative impacts on welfare. This validation should involve both controlled studies and field trials to assess their real-world applicability. The aim of this Special Issue is to compile original research or reviews that address the latest advances in fish nutrition, with a special focus on fishmeal replacement and species-specific fish feeding strategies. We are seeking research on the physiological and behavioural aspects of feeding, as well as field trials for diet validation. Manuscripts that employ diverse approaches, such as physiological measurements and behavioural observations, are particularly welcome.

Guest Editors

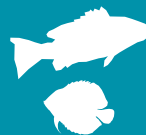
Dr. Mauro Chivite Alcalde

Dr. Cristina Velasco Rubial

Dr. Monica Betancor

Deadline for manuscript submissions

closed (31 December 2024)



Fishes

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 3.0



mdpi.com/si/207867

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 3.0



[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), 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).