

Special Issue

New Ingredients for Fish Feed: Implications for Their Nutrition and Metabolism

Message from the Guest Editors

Currently, there is great concern for the sustainability of aquaculture and the welfare of the animals being farmed. The production of feed, where fish meal and oils play a significant role, must be modified so that the proportion of these two ingredients is reduced to relieve pressure on the fishing grounds from which they are obtained. This entails finding new sources of protein and fatty acids that can meet the nutritional needs of animals. Currently, the use of plant derivatives, seeds, food industry by-products, algae, etc., is being studied. However, these new diets need to be improved to achieve the same production yields as the diets currently in use. For this reason, it is imperative to have a thorough understanding of the nutrition and metabolism of aquatic animals in order to apply it to the formulation of these new diets. This Special Issue will contribute to increasing the knowledge of fish nutrition and metabolism, for its application in formulating new, more sustainable and environmentally friendly diets, without compromising the animals' productive performance and health.

Guest Editors

Dr. Alma Hernández de Rojas

CN Instituto Español de Oceanografía—CSIC, Gijón, Spain

Dr. Francisco Javier Alarcón López

Department of Biology and Geology, Universidad de Almería, Almería, Spain

Deadline for manuscript submissions

closed (20 September 2023)



Fishes

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 3.0



mdpi.com/si/163849

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), GEOBASE, PubAg, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Marine and Freshwater Biology)