

Special Issue

Alternative Feeds for Aquatic Animals

Message from the Guest Editors

Modern aquaculture follows global guidelines for environmentally friendly ways to turn non-human edible feedstuffs into high-quality protein for people to eat, helping the growth of ornamental species and bringing back wild aquatic animal populations. Nevertheless, the limited nature of conventional feed ingredients, such as fish meal and fish oil, as well as their economic and environmental impacts, has underscored the urgent need for sustainable ingredients. This Special Issue, "Alternative Feeds for Aquatic Animals", explores innovative solutions that enhance sustainability, reduce dependence on traditional feed ingredients, and improve aquaculture efficiency. The focus encompasses plant-based proteins, insect meals, single-cell proteins, algae, and industrial by-products, among others. Contributions address the nutritional quality, digestibility, growth performance, health impacts, and environmental footprints of alternative feeds. Special attention is given to the implications of these feeds on gut microbiota, immune responses, and product flesh quality in aquatic species.

Guest Editors

Dr. Wilson Massamitu Furuya

Department of Animal Science, State University of Ponta Grossa (UEPG), Avenue General Carlos Cavalcanti, 4748, Ponta Grossa 94030-900, Brazil

Dr. Thais Pereira Da Cruz

Department of Animal Science, State University of Ponta Grossa (UEPG), Avenue General Carlos Cavalcanti, 4748, Ponta Grossa 94030-900, Brazil

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

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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

Prof. Dr. Maria Angeles Esteban

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

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