

Special Issue

Advances in Aquatic Animal Nutrition and Aquaculture

Message from the Guest Editors

Animal nutrition is among the paramount factors for excellent animal performance, health, and welfare. Considerable progress has been achieved in the nutrition of aquatic animals; different commercial aquafeeds and nutritional tables are functional and optimized. With an interdisciplinary perspective, the present Special Issue is dedicated to presenting and discussing the state-of-the-art in aquatic animal nutrition, focused on farmed aquatic vertebrate and invertebrate species. Studies on all related topics to aquatic animal nutrition are welcome:

- Feeding behavior, feeding protocols, and precision farming;
- Feeding management techniques, pellet quality, and ingredient evaluation;
- Feed delivery methods and automated feeding systems;
- Circular bioeconomy, including the use of by-products and food waste;
- Biofloc and green water;
- Nutrition and immune responses, including nutritional and non-nutritional immunostimulants;
- Omics technologies, including nutrigenomics and nutriproteomics;
- The microbiome and gut health;
- Non-nutritive aquafeed additives.

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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