Special Issue

Advancements in Organic Aquaculture: Productivity, Sustainability, and Food Security

Message from the Guest Editors

This Special Issue focuses on cutting-edge scientific research and technological innovations driving the development of organic aquaculture systems. We seek to compile high-quality studies that address critical challenges in production efficiency, environmental sustainability, and ecological integrity within organic aquaculture operations.

Organic aquaculture integrates ecological principles with efficient farming practices, emphasizing the use of natural resources and sustainable methods. Similarly, sustainable fishery management is crucial for maintaining fish populations and their habitats. However, several challenges must be overcome in both sectors to maximize their productivity and ensure their long-term viability. These challenges include optimizing feed and resource management, minimizing environmental impacts, navigating complex policy and regulatory landscapes, and understanding socio-economic implications and market potential.

We invite the scientific community to submit original research articles, reviews, and case studies that investigate various aspects of organic aquaculture and fisheries.

Guest Editors

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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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