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Sustainable Fish Production: Practices on Nutritional Management and Novel Farming Systems Application

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Message from the Guest Editor

Aquaculture will be the most reliable source of seafood in the future. However, concerns arise regarding its environmental impact, due to water quality deterioration and the reliance of feeds on fisheries ingredients. Good nutritional practices, such as the use of alternative ingredients (insect meal, plant feedstuffs, processed animal proteins, single-cell microorganisms) or increased knowledge on feed intake regulation improving feed utilization will enable an improvement in aquafeed sustainability, reducing pressure on fish wild stocks and water pollution, leading to a more sustainable use of the oceans, marine resources, and production patterns, as outlined in the UN's Sustainable Development Goals 12 and 14. The use of new and optimized farming systems will also help in meeting these sustainable development goals.

This Special Issue welcomes contributions on these topics in the form of literature reviews, original research manuscripts, or short communications. Topics of special interest include manuscripts on the use of alternative ingredients, on increasing the knowledge on feed intake, or on the use of novel farming systems.



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Special Issue



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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in ‘Agriculture, Dairy & Animal Science’; 21/170 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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