

Special Issue

Advancing Sustainable Aquaculture: Enhancing Production Methods, Innovating Feeds, Promoting Animal Welfare and Minimizing Environmental Impact

Message from the Guest Editor

This Special Issue entitled "Advancing Sustainable Aquaculture: Enhancing Production Methods, Innovating Feeds, Promoting Animal Welfare and Minimizing Environmental Impact" will focus on the principles and practices of sustainable aquaculture. The overexploitation of fish stocks and growing global demand for seafood have spurred aquaculture development, presenting a range of challenges. This necessitates a multi-faceted approach that involves collaboration among governments, researchers, and industry stakeholders. It also requires ongoing research and development efforts to find innovative solutions to make aquaculture more sustainable while meeting the global demand for seafood. Furthermore, addressing these challenges involves the critical necessity to reduce dependence on wild fish for aquaculture feeds and minimize the use of antibiotics, highlighting the significance of alternative strategies for disease management and animal health. One such alternative is the incorporation of functional feed additives. These additives can enhance the nutritional value of feeds and improve the overall health of aquaculture species.

Guest Editor

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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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