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Advances in Sustainable Aquaculture Production Systems

Guest Editor:

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closed (5 December 2024)

Message from the Guest Editor

Dear Colleagues,

Water is fundamental for all living beings, especially aquatic organisms. However, with the growth of aquaculture production, it will become increasingly necessary to meet the growing demand for healthier food. In this context, and to enable the constant growth of aquaculture production, it is necessary to develop more sustainable and space-efficient production systems that use less water. In this sense, recirculating aquaculture system, aquaponic system, and biofloc technology, among others, are fundamental for more sustainable aquaculture. Furthermore, it is important to evaluate the different management, nutrition, and physiological responses of animals when cultivated in these systems, aiming to maximize water use.

Research keywords:

- recirculating aquaculture system
- biofloc technology
- aquaponic systems
- production management
- physiological responses

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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.

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