

Special Issue

New Trends and Perspectives in Sustainable Aquaculture

Message from the Guest Editors

Pressure on aquatic natural resources has increased due to the fast-growing global population and a new lifestyle trend which is transitioning the dietary habits of the population towards even more protein-rich diets. As a result of overfishing, the gap between demand and supply of aquatic animal proteins will need to be fulfilled in the next few decades by aquaculture production. This Special Issue will highlight original research and reviews regarding the sustainable development of aquaculture, according to the principles of the 2030 Agenda and the EU's strategic guidelines:

- Setting up of good husbandry practices and technologies tailored to each aquaculture species;
- Developing strategies for the reduction in pharmaceuticals, which may damage the environment or contribute to antimicrobial resistance;
- Fulfilling research gaps on the potential impact of climate change on fish, crustaceans, and shellfish production;
- Quantifying climate mitigation adaptation services of certain typologies of aquaculture, such as the cultivation of seaweed and mollusks;
- Increasing diversification, not only in the farming of promising new species, but also in production methods.

Guest Editors

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Deadline for manuscript submissions

closed (3 January 2024)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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