



New Trends and Perspectives in Sustainable Aquaculture

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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.



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Message from the Editor-in-Chief

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