Special Issue

Integrated Multitrophic Aquaculture and Sites Suitability Assessment

Message from the Guest Editor

Aquaculture, the farming of aquatic organisms, is a sustainable strategic sector for land and coastal communities. It significantly contributes to food security and enhancement of economic development by providing employment opportunities in rural and coastal areas. Aquaculture can also contribute to healthy enviroments providing important ecoystem and cultural services. In 2018, aquaculture reached the all-time highest production of 114.5 million tonnes in live weight with a total farm gate sale value of USD 263.6 billion. This makes aquaculture a key player within the Blue Growth concept and a strong contributor to some of its key Sustainable Development Goals (SDG). However, despite various technological innovations and improvements in production techniques, this sector is still associated with misperceptions and negative opinions hampering its implementation and a wider consumption of its products. The integrated multi-trophic aquaculture (IMTA) concept was developed as a way to increase the sustainability of intensive aquaculture systems, using an ecosystem-based approach.

Guest Editor

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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