Special Issue

Water Quality in Aquaculture Production

Message from the Guest Editors

The main prerequisite for successful aquaculture production is maintaining the optimal quality of the breeding environment, i.e., the water in which aquaculture production is carried out. The basic parameters of water quality in aquaculture are temperature, amount of dissolved oxygen and carbon dioxide, pH value, alkalinity, amount of dissolved ammonia and nitrate, and microbiological properties. Maintaining these parameters at an optimal level, which differs depending on the cultivated species, requires specific methods in different cultivation systems. The primary aim of this Special Issue is to collect and publish papers that are focused on the effects of water quality on aquaculture production and/or on the maintanance of water quality parameters at an optimal level in different aquaculture systems. We are open to contributions from a wide range of fields, from the impact of water quality on the production itself, to the optimization of cultivation technologies, water quality and safety in integrated aquaculture systems and the mitigation and reuse of wastewater in aquaculture production.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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