Special Issue

Aquaculture Productivity and Environmental Sustainability

Message from the Guest Editors

The demand for high-quality protein from the world's growing population is setting higher standards for aquaculture. However, rapid increases in aquaculture production have generated a wide range of severe environmental issues, in particular water pollution and land resource grabbing. Also, climate change, such as droughts, floods, global warming, and ocean acidification, will pose a further threat to global aquaculture production. For aquaculture growth to be sustainable, its environmental impact must be significantly reduced. To date, a number of adaptation strategies have proven to improve aquaculture productivity and environmental sustainability. This Special Issue welcomes both original research and reviews. Topics of interest include, but are not limited to, the following:

- Integrated aquaculture;
- Optimized aquacultural engineering;
- Advances in aquaculture wastewater treatment;
- Precise farming management;
- Smart aquaculture.

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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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