



water



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Aquatic Ecosystem: Problems and Benefits

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Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

The aquatic ecosystem includes lakes, rivers, ponds, streams, oceans, seas, estuaries, etc. The benefits of aquatic ecosystems are countless as they are the habitat for water-dependent living organisms, attenuate floods, recharge ground water, recycle nutrients, purify water. Unfortunately, aquatic ecosystems are affected by the contamination of industrial and municipal wastes that have become a serious problem worldwide.

This Special Issue explores but is not limited to these main topics:

Aquatic biodiversity as an indicator of anthropopressure;

Aquatic alien, invasive alien species;

Commercial species, consumption of aquatic species, utilization of wastes, circular economy, blue economy;

Eutrophication, acidification, climate change, pollution, wastewater;

Biodegradation in aquatic ecosystems;

Ocean and coastal engineering;

Operation and maintenance of water management systems;

Protection of aquatic ecosystems and mitigation of anthropogenic activities on the environment.

Both original research and comprehensive review papers are welcome.



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Special Issue



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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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