Special Issue

Studies on Toxic Effects in Aquatic Organisms and Ecosystems

Message from the Guest Editors

This Special Issue will cover new monitoring technologies, mathematical analysis methods, and aquatic environmental assessments of such aquatic toxicology. Potential topics include, but are not limited to:

- Type analyses of environmental chemicals in the aquatic environment;
- The transport and transformation of chemicals in aquatic environments;
- Scientific methods for monitoring and assessing aquatic toxicology;
- The biological and chemical characteristics of the water pollution caused by different chemicals;
- The design and development of sampling techniques, analysis methods, and monitoring systems of chemicals in groundwater and surface water;
- Methods and procedures for pollution risk assessment in aquatic environments;
- The use of wastewater and other qualities of water;
- Mitigation strategies for nanoparticles in water pollution;
- The impacts of monitoring and assessment methods as a result of new trends in aquatic toxicology;
- New laboratory techniques of emerging pollutant quantification;
- Recent developments in water, sediment, and tissue quality guidelines;
- The marine environment and toxicology.

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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