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DNA-Based Biomonitoring of Aquatic Ecosystems

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Message from the Guest Editor

This Special Issue will provide a platform for research that highlights the utility and diversity of DNA-based research for biodiversity assessments and provides specific implications for stakeholders and governors to enhance eco-environmental management. Therefore, we expect to collect experimental, methodological, and application studies. The topics covered by this Special Issue will include, but are not limited to, the following:

- DNA-based biodiversity surveys, including single- and multi-species detection, abundance estimates, occurrence and spatiotemporal patterns;
- eDNA dynamics in aquatic ecosystems, including eDNA degradation, transport and shedding;
- DNA-based impact assessment, including the ecological risk of pollutants and ecosystem changes under multiple stressors.[...]

For further reading, please follow the link to the Special Issue Website at:

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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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