

## Special Issue

# Identification, Treatment and Risk Assessment of Emerging Contaminants in Water Ecosystems

### Message from the Guest Editors

The identification, control and treatment of emerging contaminants in water are critical for maintaining the safety and quality of our water resources. Emerging contaminants refer to a wide range of chemicals and substances that are not routinely monitored or regulated but may pose risks to human health and the environment. These include pharmaceuticals, personal care products, pesticides, industrial chemicals, and other substances such as antibiotic-resistant genes. Given the harmful effects of these contaminants on water ecosystems, it is increasingly important to understand their ecological and health risks and to develop environmentally sustainable remediation strategies. This Special Issue welcomes critical reviews and research articles focused on the rapid, cost-effective identification and eco-friendly treatment of emerging contaminants in water ecosystems. Studies on model-based risk assessments of these contaminants are also encouraged. Contributions may explore laboratory- and field-scale solutions, integrating physical, chemical, and microbiological approaches.

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### Guest Editors

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### Deadline for manuscript submissions

15 October 2025



## Water

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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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### Editor-in-Chief

Dr. Jean-Luc PROBST

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