Special Issue

Occurrence, Risk Assessment and Removal of Emerging Contaminants in Aquatic Environment

Message from the Guest Editors

Due to the long-term existence of these emerging contaminants in aquatic environments, affecting the safety of aquatic ecology and human health, it is necessary to pay attention to and study their occurrence and potential risks, as well as their removal and management in the aquatic environment.

Therefore, we invite researchers in relevant areas to submit the results and contributions of their work on emerging contaminants to this Special Issue, helping to better ensure water safety. Potential contributions may include, but are not limited to:

Detection, occurrence, fate, and transport of emerging contaminants in water environment, including wastewater, groundwater, surface water, and drinking water, as well as related media.

Human health and ecological risk assessment of emerging contaminants in aquatic environment.

The removal technologies and processes of emerging contaminants, including physical methods (adsorption), biological technologies (such as constructed wetlands), and chemical technologies (AOPs, such as Fenton-based, ozone-based, sulphate-based, photolysis, photocatalysis, electrocatalysis, etc.).

Guest Editors

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Deadline for manuscript submissions

closed (20 January 2025)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/179011

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About the Journal

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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