

Special Issue

Transport and Removal of Emerging Contaminants in Water Environments

Message from the Guest Editors

Emerging contaminants, including pharmaceuticals, personal care products, microplastics, endocrine-disrupting chemicals, and persistent organic pollutants, present significant challenges to environmental safety and public health. Understanding their migration pathways, fate, and removal mechanisms in various aquatic environments is crucial for safeguarding water quality. This Special Issue focuses on recent advancements and innovative solutions addressing the transport, fate, and removal of these emerging pollutants.

Topics of interest include, but are not limited to, the following:

- Identification and monitoring of emerging contaminants;
- Environmental fate and transport modeling;
- Advanced oxidation processes and photocatalytic degradation;
- Membrane technologies for pollutant removal;
- Biological treatment methods and biodegradation pathways;
- Adsorption technologies and novel adsorbents;
- Ecotoxicological impacts of emerging contaminants;
- Policy, management strategies, and regulatory frameworks for water safety. [...]

For further reading, please follow the link below:
https://www.mdpi.com/journal/water/special_issues/231Q035K0L

Guest Editors

Dr. Nan Wei

Dr. Jenyuk Lohwacharin

Dr. Chunpeng Zhang

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

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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

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR
CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique
(CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane,
Toulouse, France

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