

Special Issue

Legacy and Emerging Contaminants in the Water Environment Under Contemporary Global Changes

Message from the Guest Editors

This Special Issue invites the submission of high-quality original research, reviews, short communications, and perspectives exploring the identification, fate, health, ecological risks, transformation, control, and remediation of both legacy and emerging contaminants in aquatic environments. Featuring interdisciplinary approaches, this Special Issue aims to highlight the complex interplay of these pollutants in the context of global change. Topics of interest include, but are not limited to, the following:

- Sources, spatial distribution, and monitoring of legacy contaminants (e.g., heavy metals, PCBs, PAHs, and dioxins).
- Identification and quantification of CECs, including PFAS, pharmaceuticals, personal care products, micro(nano)plastics, and endocrine-disrupting compounds.
- Nitrate, phosphate, and other nutrients/pollutants, particularly regarding their ecological impacts on water bodies.
- Development and advancement of analytical methods for sensitive and accurate detection.
- Environmental fate, transformation, transport modeling, and bioaccumulation in aquatic environments.
- Human and ecological health risk assessments, with emphasis on exposure pathways and cumulative effects.

Guest Editors

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Deadline for manuscript submissions

20 June 2026



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/251396

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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

Dr. Jean-Luc PROBST

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