

## Special Issue

# Pesticides in Water and Health

### Message from the Guest Editors

This Special Issue invites contributions on pesticide residues in aquatic environments and their impacts on human health. We welcome submissions in two areas—or studies combining both. The first involves monitoring and quantifying residues in surface and groundwater across regions. Studies using biota sampling—such as fish, amphibians, or invertebrates—to assess bioaccumulation and trophic transfer are especially encouraged. Non-invasive sampling is also welcome. The second area focuses on toxicological and health risk assessments of pesticides in real-world water samples. In vitro studies should examine cytotoxicity across human cell lines and compare effects on individual gut microbes versus complex communities. In vivo studies may use aquatic species to assess biomagnification and food web transfer or mammals (e.g., mice) to evaluate chronic toxicity and metabolic disruption. This issue bridges environmental monitoring and health research, offering insight into how pesticide-contaminated water affects ecosystems and public health.

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### Guest Editors

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### Deadline for manuscript submissions

20 November 2025



## Water

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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.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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