

## Special Issue

# Impact of Microplastic Pollution on Soil and Groundwater Environment

### Message from the Guest Editors

This Special Issue aims to explore the multifaceted impacts of microplastic pollution on soil and groundwater environments, addressing a critical gap in our understanding of the long-term ecological and environmental impact of microplastic contamination.

This Special Issue primarily aims to investigate the sources, distribution, behavior, and fate of microplastics in soil and groundwater systems. We seek to understand how microplastics interact with soil biota, alter soil physicochemical properties, and influence the quality of groundwater. Additionally, this Special Issue will explore the potential risks posed by microplastics to ecosystems, human health, and agricultural productivity. We provide a comprehensive overview of the current state of knowledge, identify key research gaps, and propose mitigation strategies to address this emerging environmental challenge. Through this Special Issue, we hope to contribute to the development of sustainable solutions for environmental protection and resource management.

### Guest Editors

Prof. Dr. Qing Luo

Dr. Ning Yang

Dr. Liangshan Feng

### Deadline for manuscript submissions

15 September 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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