

Special Issue

Origins, Transport and Fate of Biogenic Substances and Heavy Metals in the Water Environment

Message from the Guest Editors

Water environment pollution poses significant challenges for ecosystems and human health. This Special Issue will gather cutting-edge research on the origins, transport, and fate of biogenic substances and heavy metals in aquatic systems. We invite submissions that focus on the following aspects: (1) Identifying the origins of biogenic substances and heavy metals in the water environment, including natural and anthropogenic sources; (2) Elucidating their transport mechanisms through various media, such as surface water, groundwater, and atmospheric deposition; (3) Exploring the fate of these pollutants under different environmental conditions, including physical, chemical, and biological transformation processes; (4) Developing robust forecasting models to predict the behavior and potential impacts of biogenic substances and heavy metals in the water environment. By addressing these critical aspects, this Special Issue will improve the scientific knowledge base and inform effective pollution control and water resource management strategies.

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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