Special Issue

Sources, Transport, and Fate of Contaminants in Waters and Sediment

Message from the Guest Editors

Understanding the sources, transport mechanisms, and fate of contaminants in waters and sediments is essential for effective environmental management and remediation strategies. Addressing these issues involves monitoring water quality, implementing regulations to control discharges, and promoting practices that minimize runoff and contamination. As AI (artificial intelligence) continues to evolve, its application in environmental science and engineering will likely expand, providing deeper insights into the complex interactions between contaminants and aquatic ecosystems. Ongoing research is vital to develop new methods for assessing and mitigating the risks posed by various contaminants in aquatic ecosystems. This Special Issue of *Water* focuses on our current knowledge on the sources, transport mechanisms, and fate of contaminants in waters and sediments. We welcome scientific contributions from different surface water bodies and sediments, including lakes, rivers, estuaries, ponds, rainfall runoff, sewage pipe networks, and so on. For more details, please find at: https://www.mdpi.com/journal/water/special_issues/FBINFQ9R4X

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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

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