Special Issue

Fate and Transport of Pollutants in Urban Water

Message from the Guest Editors

Continuous urbanization and industrialization have led to an increase in stormwater runoff, which has resulted in the discharge of heavy metals, nutrients, and organic chemicals. Transporting pollutants into water systems can harm both human health and aquatic species. Therefore, it is necessary to investigate the fate and transport of pollutants in urban water. The purpose of this Topic "Fate and Transport of Pollutants in Urban Water" is to review the properties and transport and fate of pollutants in urban aquatic systems, list and discuss occurrence and treatment efficiencies, develop new ways to characterize mobile compounds by their basic properties, and provide a report of status and research needs on aquatic and multimedia models. Papers are welcomed including, but not limited to, the following topics:

- Advancement in Fate and Transport of Pollutants in Urban Water;
- Urban Water System;
- Control strategies;
- Emerging Pollutants in Water;
- Physical-chemical Remediation;
- Microbial Remediation;
- Ecological Restoration;
- Emergency Restoration Method;
- Climate Change and Resource Recovery;
- Big Data Analytics and Modeling;
- Water Quality Monitoring.

Guest Editors

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Deadline for manuscript submissions

closed (20 September 2023)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/166781

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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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