



water

an Open Access Journal by MDPI



Temporal and Spatial Evolution Characteristics of Pollutants in Wastewater

Guest Editors:

Dr. Peng Du

Dr. Zhenglu Wang

Dr. Kang Mao

Dr. Zeqiong Xu

Deadline for manuscript
submissions:

closed (20 July 2024)

Message from the Guest Editors

Wastewater has been widely known as a source of characteristic pollutants. Characteristic pollutants in wastewater offer rapid and precise spatial-temporal insights into chemical consumption, use, exposure, release of chemicals or health risk and early warning of infectious disease spread and antibiotic resistance. There have been thousands of wastewater studies on characteristic-pollutant monitoring published since 2020. Despite this success, many challenges remain in the post-COVID era, there is a compelling need to expand the temporal and spatial evolution characteristics of pollutants in wastewater across a variety of communities, spanning from local neighborhoods to entire countries.

The primary objective of this research topic is to concentrate on the temporal and spatial evolution characteristics of pollutants in wastewater. Emphasis is placed on exploring novel applications in diseases and exposure early-warning systems, conducting temporal-spatial studies to scrutinize patterns of health risk and refining analysis methods to minimize uncertainties.



mdpi.com/si/196449

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la
Biodiversité l'Environnement
(CRBE) UMR
CNRS/UPS/INPT/IRD, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, Toulouse,
France

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)