

Special Issue

Wastewater-Based Epidemiology for Monitoring the Health Status and Practices of Populations: Recent Advances and Perspectives

Message from the Guest Editors

Wastewater-based epidemiology (WBE) postulates that indicator concentrations in wastewater allow for the back-calculation of consumption, use or exposure to a wide variety of indicators. The proportionality between concentrations and uses, which is mandatory to talk about WBEs, presents constraints both in sampling and in understanding the stability or degradation pathways of the indicators used. Recently, additional approaches were brought to WBE, through (1) the Covid-19 pandemic highlighting the potential of WBE for mining public health information based on biological and biomolecular approaches in wastewater, and (2) noticing that the spatial dynamics of certain markers in wastewater could be linked to socio-economic profiles and spatial inequalities. We invite papers in area of the global framework of WBE. The authors should also emphasize the potential of their work to alter WBE practices in the future. Both laboratory and field experimental works will be considered. For further information please visit our Special Issue [web page](#).

Guest Editors

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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

Dr. Jean-Luc PROBST

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