Special Issue

Waterborne Pathogens—Threats to Water Quality

Message from the Guest Editors

Water scarcity is a global problem that is expected to be exacerbated by the increased water demand predicted for the coming years. Water re-use is seen as a promising alternative to increase water availability for human use, including agricultural, domestic, and industrial use. Different novel water treatments have been developed. However, water re-use is still in its infancy, and more research is needed to understand the microbial risks posed by the use of reclaimed water in the different sectors, including the persistence of pathogens in the different water matrices and the dissemination of antibiotic-resistance genes, from a One-Health perspective. This Special Issue aims to provide an update on the different emerging water treatment technologies and their impact on reducing pathogens in the water cycle. Manuscript types include original research articles, opinion articles, and reviews in the field of reclaimed water as it relates to public health. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Waterborne_Pathogen

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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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