Special Issue

Antibiotic Resistance in Environmental Waters

Message from the Guest Editors

The scope of research will include investigations which center on the increase in antibiotic resistance in waterborne microorganisms. Bacteria, including pathogens, which have been isolated from environmental waters, particularly those which serve as drinking water supplies, will be a primary focus. Interdisciplinary studies involving journal theme areas such as water resource management, water quality, and water
ecosystems will be a review priority. Environmental factors impacted by a changing climate may augment antimicrobial resistance, necessitating an examination of multiple biotic and abiotic stressors on microorganisms demonstrating resistance. Environmental waters are increasingly impacted by human activity and expanding antimicrobial resistance profiles are a reflection of this ongoing trend. Field isolation and monitoring, as well as bench-scale examination of physiological aspects are required to fully understand the impact of the enhanced presence of antibiotic resistance observed in environmentally-isolated microorganisms. For more details, please find at:
https://www.mdpi.com/journal/water/special_issues/antibiotic_resistance_water

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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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