



Environmental Hygiene, Water Quality and Human Health

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Message from the Guest Editor

In recent years, many water-borne diseases from contaminated water resources have been reported by countries with varying levels of economic development. These diseases are caused by pathogenic microorganisms of enteric origin, distributed by anthropogenic and natural processes. Runoff processes mobilize these microorganisms, leading to potential contamination of surface water, groundwater through soil infiltration, and recreational water such as seawater. Different environmental factors such as global climate change influence the prevalence and degree of water contamination. Anthropogenic pressure causes considerable exploitation of water resources, leading to reduced water availability and the progressive deterioration of water quality.

This Special Issue focused on main factors that make water resources vulnerable, innovative methods and strategies for the monitoring of water intended for human consumption, recreational water, and reuse of waters through water treatment systems. New or improved strategies to identify the measures necessary to reduce contamination and mitigate the risks associated with the use of contaminated water resources are welcome.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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