



Waterborne Disease: A Focus on Emerging Concerns

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Message from the Guest Editors

Climate change, increasing populations, water reuse, and rapid disease transmission related to migration patterns and ease of air travel in general, all increase the probability for the emergence of new threats to the microbial safety of our drinking water. The goal of this Special Issue is to characterize the following:

- The nature and extent of emerging pathogens in drinking water
- New approaches to monitoring and surveillance for new and resurgent waterborne pathogens
- New approaches to determining virulence/antimicrobial resistance of waterborne pathogens
- The risks to human health posed by those pathogens
- The mechanisms by which new pathogens enter and spread through our water supplies
- The impact of climate change on emerging waterborne pathogens
- Innovative strategies for the treatment and distribution of drinking water to prevent or mitigate these risks
- Public policy approaches to mitigate these risks

We welcome research in any of the above areas.





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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. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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