

Special Issue

Nature-Based and Non-Traditional Approaches for Water Quality Improvement

Message from the Guest Editors

Nature-based and untraditional approaches are groups of technologies that can be deployed to address water environmental challenges related to surface water quality, groundwater quality, floods and water scarcity. In recent years, these kinds of technologies and their combination have been increasingly employed worldwide to improve water quality and to treat various wastewaters from domestic and industrial effluent. In addition, they are also employed for ecorestoration of water bodies to help to protect freshwater resources and safeguard nature's integrity. They can make a significant contribution to reversing the rapid decline in freshwater biodiversity and mitigating its impacts. These approaches are increasingly seen as cost-efficient strategies that need to be mainstreamed in water resource management strategies. This Special Issue aims to gather the most updated research and development on various attempts and approaches of these kinds of technologies worldwide to attract greater investments from the water environmental industry for the purpose of promoting the water environmental protection.

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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.

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 journal.

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