



Effects of Climate Change and Anthropogenic Disturbances on Water Ecological Environment and the Coping Strategies

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Message from the Guest Editors

Recognition of global climate change as an environmental issue has drawn attention to the climatic impact of human activities. Paleoclimate records from tree rings, and ice cores indicate a clear warming trend spanning the entire 20th century and the first decade of the 21st century. Scientists and environmentalists have pointed out that human-induced climate change results from the disturbance in all aspects of the environment.

Among them, aquatic environments are closely related to all kinds of human production and living activities. However, they are under increasing stress due to climate change and human disturbances, such as increased input of pollutants, decrease in ecological functions. Fortunately, realizing the urgency and importance of the matter, researchers have started to work on the coping strategies, including effective water treatment and energy recovery.

This Issue focuses on revealing the effects of climate change and anthropogenic disturbances on the water ecological environment. Papers, reviews, and case reports are welcome. Papers dealing with technical and managerial approaches to addressing the above impacts are also 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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