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Control and Remediation Methods for Water Eutrophication

Guest Editor:

Prof. Dr. Yingjun Wang
Department of Environmental Engineering, College of Environment, Sichuan Agricultural University, Chengdu 611100, China

Deadline for manuscript submissions:
closed (30 September 2023)

Message from the Guest Editor

Dear Colleagues,

Eutrophication is one of the most important representations of water pollutions and a process of ecosystem degradation and aging of water bodies. Eutrophication is characterized by the rapid growth of algae and other planktons, the decline in dissolved oxygen, the deterioration of water quality, and the mass death of fish and other organisms. It presents a global challenge in environmental management and has adversely affected the use of water resources, socioeconomic development, and human living conditions.

Over the past three decades, many conventional and novel methods that use physical, chemical, and biological processes have been applied to improve and eliminate contaminants in eutrophic lakes. However, their high cost, complex operation, likelihood of secondary pollution, and other shortcomings, represent potential issues.

The purpose of this Special Issue is to provide a platform for scientists studying water eutrophication to publish their latest research results and provide a variety of new approaches for the prevention and treatment of water eutrophication.

Prof. Dr. Yingjun Wang
Guest Editor

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Editor-in-Chief

Prof. Dr. Paul R. Ward
School of Society and Culture, Adelaide University, Adelaide 5001, Australia

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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International Journal of Environmental Research and Public Health Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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