



Water Pollution Control and Resource Recovery Technology

Guest Editor:

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Message from the Guest Editor

As the most important material and resource in the whole biosphere, water plays an irreplaceable role in human production and life. However, people extract freshwater resources for production and life in various ways, and the sewage generated is then discharged into the receiving water body. With the increasing environmental problems, advanced sewage treatment has shown a trend of “further reduction in pollutants, low energy consumption treatment, energy and resource recovery”. This Special Issue aims to collect regular and review articles focused on solving the technical bottlenecks in the process of urban sewage treatment and water resource recovery and disposal, water pollution control, and the coupling relationship of carbon, nitrogen and phosphorus in water, especially research papers on the degradation, separation, and transformation of pollutants via comprehensive application of biochemical principles and methods. Topics include but are not limited to synthesis and application of materials; coupling disposal system; and the application of various biological, physical, and chemical methods in water treatment and resource recovery.





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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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