



## **Environmental Microbiology and Water Pollution Applications**

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### **Message from the Guest Editor**

Dear Colleagues,

Water pollution is an important environmental problem for the sustainable development of human society. A huge abundance of microorganisms with versatile functional diversity inhabit aquatic ecosystems. The microbe-driven migration and transformation of pollutants strongly affect water quality. Furthermore, some microbial species themselves cause water pollution, such as bloom-forming or toxic cyanobacteria and red-tide-associated phytoplankton or protists. The biology, ecology and applications of aquatic microorganisms have attracted interest from scientific, industrial and governmental departments. Owing to the application of many advanced techniques such as metagenomic sequencing, synthetic biology, artificial biofilms and microbial fuel cells, the knowledge about environmental microbiology has been greatly increased. This Special Issue aims to publish novel insights into links between environmental microbiology and water pollution applications.





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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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