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Microbiological Evaluation of Wastewater Treatment

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Deadline for manuscript submissions:
closed (30 May 2018)

Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we plan to present papers that identify microbiological quality of treated wastewater at different levels of treatment. Papers that examine rapid and accurate identification methods for total microbial community (TMC) signatures and their transformations at different treatment levels using next generation sequencing (NGS) methods with appropriate bioinformatics algorithms will be welcome. In addition to TMCs, these papers should show data on detection of fecal indicator bacteria, pathogens, antibiotic resistance and virulence factors, and genes encoding different biogeochemical processes at different treatment stages based on NGS techniques. Papers that focus on emerging contaminants released from wastewaters, their removal through wastewater treatment plants, presence in the receiving environment, and potential impact on human health, will also be highly appreciated.

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Editor-in-Chief

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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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