

Special Issue

Microbiological Evaluation of Wastewater Treatment

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

closed (30 May 2018)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/10601

*International Journal of
Environmental Research and
Public Health*

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About the Journal

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.

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 journal.

Editor-in-Chief

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