

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

Dr. Abasiofiok Mark Ibekwe

U.S. Salinity Laboratory, USDA-ARS, 450 West Big Springs Road, Riverside, CA 92507, USA

Prof. Dr. Shelton E. Murinda

Professor – Animal & Veterinary Sciences/Food Safety; Director – Center for Antimicrobial Research & Food Safety; Campus Coordinator – Agricultural Research Institute (ARI); Don B. Huntley College of Agriculture, 2-105, California State Polytechnic University, 3801 W. Temple Ave, Pomona, CA 91768, USA

Deadline for manuscript submissions

closed (30 May 2018)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

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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

Prof. Dr. Paul R. Ward

Centre for Public Health, Equity and Human Flourishing, Torrens
University Australia, Adelaide 5000, Australia

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