

Indexed in: PubMed CITESCORE 5.4

an Open Access Journal by MDPI

Membrane Technologies for Water and Wastewater Treatment

Guest Editors:

Dr. Jianhua Zhang

Institute for Sustainable Industries & Liveable Cities, Victoria University, P.O. Box 14428, Melbourne, VIC 8001, Australia

Prof. Dr. Ranil Wickramasinghe

Ralph E Martin Department of Chemical Engineering, and Department of Biomedical Engineering, University of Arkansas, Fayetteville, AR 72701, USA

Dr. Takahiro Fujioka

Water and Environmental Engineering, Graduate School of Engineering, Nagasaki University, Nagasaki, Japan

Deadline for manuscript submissions: **closed (30 June 2019)**

Message from the Guest Editors

Dear Colleagues,

Water scarcity is attracting concern worldwide due to population growth, industrialization, and reduction of available freshwater resources caused by pollution and climate change. As a result, poorer-quality water sources, such as wastewater, seawater, and stormwater, are being used as water sources for municipal applications. Membranes are ideally suited to the processing of such waters, as they are able to reliably produce high quality water from low-grade water supplies, with failures usually associated with membrane fouling and loss of production. As such, water quality is generally maintained during fouling processes and health risks are kept low.

Keywords: wastewater; membrane; water treatment; water pretreatment; desalination

Dr. Jianhua Zhang Prof. Ranil Wickramasinghe Dr. Takahiro Fujioka *Guest Editors*



Specialsue





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou RCMI Center for Urban Health

Disparities Research and

Innovation, Richard Dixon Research Center, Morgan State University, 1700 E. Cold Spring Lane, Baltimore, MD 21251, USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, PubMed, MEDLINE, PMC, Embase,

GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Public Health, Environmental and Occupational Health)

Contact Us