

Special Issue

Environmental Functional Materials for Liquid Waste Disposal

Message from the Guest Editor

Liquid waste generated by human activities can have potentially harmful effects on the environment and human health. From a sustainable perspective, disposing of waste at the same time as recycling resources is a necessary venture. To achieve this goal, environmental functional materials (EFMs) with distinctive physical, chemical and biological properties, as well as excellent environmental purification performance, are the preferred solutions. EFMs play an important role in various fields of environmental protection, either alone or in combination with other materials, and have been developing rapidly in recent decades. This Special Issue plans to give an overview of the most recent advances in EFMs developed for liquid waste disposal, and will provide selected contributions on advances in the synthesis, characterization, and application of EFMs with regard to liquid waste disposal and resource recovery. Potential topics include, but are not limited to: photocatalytic material, electrocatalytic material, adsorbing material, membrane separation material, advanced oxidative material, ion exchange resin, and bio-carriers.

Guest Editor

Dr. Hong Xiao

College of Environmental Sciences, Sichuan Agricultural University
(Chengdu Campus), Chengdu 611130, China

Deadline for manuscript submissions

closed (21 November 2023)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/131572

*International Journal of
Environmental Research and
Public Health*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)





International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)



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 B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

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)