

Special Issue

Biomass Energy Utilization, Waste Management and Air Pollution Control

Message from the Guest Editors

Today, with the steadily increasing fuel demand, growing concerns have been stimulated in the development of alternative energy resources. As a renewable feedstock, biomass and solid waste have undoubtedly spurred interest in recent years, the utilization of which will pave a new route to produce green fuels. This Special Issue on “Biomass Energy Utilization, Waste Management, and Air Pollution Control” mainly covers research in fundamental and applied sciences of biomass/solid waste management, conversion, and utilization during the development of technologies for reaching the goal of carbon neutrality and control of air pollution. The scope includes but is not limited to the following topics: (1) energy and fuel production from the optimized process of biomass/solid waste, (2) new techniques for biomass/solid waste energy utilization and management, (3) fundamental and applied sciences of product upgrading, refinery, and conversion, (4) process simulation, (5) low-carbon economy sustainability based on biomass/solid waste processing, (6) development of functional environmental materials, and (7) air pollutant control.

Guest Editors

Dr. Bo Zhang

School of Energy and Environment, Southeast University, Nanjing 210096, China

Dr. Ye Bian

School of Energy and Environment, Southeast University, Nanjing 210096, China

Deadline for manuscript submissions

closed (30 June 2023)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/102292

*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





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)