



Organic Solid Waste Valorisation and Environmental Health

Guest Editors:

Prof. Dr. Feng Shen

Agro-Environmental Protection
Institute, Ministry of Agriculture
and Rural Affairs, Tianjin 300191,
China

Dr. Xiao Zhang

School of Energy and
Environmental Engineering,
Hebei University of Technology,
Tianjin 300401, China

Deadline for manuscript
submissions:

closed (30 December 2022)

Message from the Guest Editors

Dear Colleagues,

The production of organic solid waste (plastic waste, biomass waste, municipal sludge, etc.) is huge. Health and safety issues arise from improper disposal and management of organic solid wastes. The U.S. Public Health Service identified 22 human diseases that are linked to improper management of organic solid wastes. Organic solid wastes contain a large amount of biomass energy, thus having enormous potential in resource utilization. Solid, liquid, and gaseous biomass energy and carbon-based materials can be obtained via biological processes, thermochemical routes, microwave-assisted processes, and mechanochemical methods—for example, carbonization of organic waste to obtain biochar and catalytic conversion to produce biofuels.

This Special Issue of the *International Journal of Environmental Research and Public Health* (IJERPH) focuses on the current state of knowledge on the links between organic solid waste valorization and environmental health. Short communications, original papers, and review articles are welcome to this issue.

Prof. Dr. Feng Shen
Prof. Dr. Xiao Zhang
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul R. Ward

School of Society and Culture,
Adelaide University, Adelaide
5001, Australia

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.

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

*International Journal of
Environmental Research and Public
Health* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijerph
ijerph@mdpi.com
X@IJERPH_MDPI