

Special Issue

The Management and Resource Utilization of Urban Solid Waste

Message from the Guest Editor

Urban solid waste treatment and disposal is a global challenge for the development of a sustainable society. The environmental impact of traditional waste management practice has become a central concern in industrialized countries. Although urban solid waste presents a potential risk for human health and the ecological environment, it is gradually becoming considered one of the most renewable resources. To maximize the resource utilization of urban solid waste and its elimination, numerous efforts have been devoted worldwide to the development of systematic urban solid waste management coupled with technologies for treatment and resource utilization. We invite submissions of high-quality review or primary research on aspects relevant to the management and resource utilization of solid waste and which identify links to human health protection, including the conversion of urban solid waste to energy/fuels (urban solid waste to energy conversion processes), high-value utilization of solid waste (design and application of environmental functional materials, environmental catalysis, biomass-derived carbon materials), as well as waste management and public health impacts.

Guest Editor

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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

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