

Special Issue

Low-Carbon Valorization of Biomass and Organic Waste

Message from the Guest Editors

This Special Issue on “Low-Carbon Valorization of Biomass and Organic Waste” mainly covers studies in the fundamental and applied sciences of biomass and organic waste conversion and utilization with low-carbon technologies for the production of valuable products, such as liquid and gaseous fuels, commodity chemicals, high-performance materials, etc. The scope of this collection includes but is not limited to the following topics: (1) pretreatment of biomass and organic waste for subsequent utilization, (2) conversion of biomass and organic waste to valuable products, (3) further upgrading and application of products, (4) low-carbon technologies involved in biomass and organic waste utilization and product upgrading, and (5) the catalytic processes involved in biomass and organic waste utilization and product upgrading. Keywords

- biomass
- organic waste
- valorization
- low-carbon technologies
- thermal conversion
- electrochemical conversion
- photochemical conversion
- biochemical conversion
- pretreatment
- catalysis

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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

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