Special Issue

Exploring Microbial Innovations in Solid Waste Transformation and Soil Rejuvenation

Message from the Guest Editors

This Special Issue aims to explore cutting-edge research and innovative technologies in the realm of microbial-assisted approaches to solid waste treatment and soil remediation. It encompasses studies investigating the role of microbial communities in biodegradation, bioconversion, and bioremediation processes targeting various types of solid waste and contaminated soils. The purpose of this Special Issue is to advance understanding and promote the adoption of microbial-assisted strategies for sustainable waste management and soil restoration. By bringing together contributions from researchers and practitioners in the field, it aims to foster interdisciplinary dialogue, showcase innovative methodologies, and highlight the potential of microbial solutions to address environmental challenges associated with solid waste pollution and soil degradation. Ultimately, this Special Issue seeks to contribute to the development of effective, eco-friendly approaches for mitigating the impacts of anthropogenic activities on terrestrial ecosystems.

Guest Editors

Dr. Yutao Peng

School of Agriculture and Biotechnology, Sun Yat-Sen University, Guangzhou, China

Dr. Chungyu Guan

1. Department of Environmental Engineering, National Ilan University, Yilan 260, Taiwan
2. School of Forestry and Resource Conservation, National Taiwan University, Taipei 106, Taiwan

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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