



Environmental, Economic and Health Challenges of Managing Wastes

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Message from the Guest Editors

Human activities consume natural materials and energy resources which results in waste. There is a need to minimize these impacts, preserve resources and sustain the quality of life. This can be achieved through the identification of waste management solutions that are resilient and sustainable.

This special issue aims to include research in terms of waste prevention, recycling, recovery, treatment, and disposal. It encourages the submission related to sustainable waste management designs, operations, policies or practices. Mass flow analyses, LCA, policy and administration, innovative processes and technologies and cost effectiveness are among the key topics. Research areas may include (but not limited to): Waste characterisation based on field surveys; Novel technologies for solid waste disposal and recycling; Wastewater treatment and energy recovery; Waste recycling towards carbon neutrality; LCA of recycled waste; Health impact assessments of waste management; Economic impacts of waste disposal; Optimal resource management strategies for waste recycling; New sustainable policies and strategic frameworks.

We look forward to receiving your contributions.





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Message from the Editor-in-Chief

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