



Waste Management and Life Cycle Assessment

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Deadline for manuscript
submissions:

20 September 2024

Message from the Guest Editors

This Special Issue aims to explore the intersection of waste management practices and life cycle assessment (LCA) methodologies. This combination offers a holistic approach to understanding the environmental impacts of waste management processes. Please note that economic and social aspects are separate topics and excluded from the scope of this Special Issue.

We seek to provide a comprehensive overview of the sustainability and efficiency of waste management strategies across multiple waste streams, including municipal solid waste, animal manure, and wastewater sludge.. We invite contributions that address the following topics of interest:

- LCA developed and applied to waste management systems;
- Evaluate the life cycle environmental impacts of emerging novel technologies for waste collection, sorting, recycling, and disposal;
- LCA for strategies and initiatives for promoting circular economy principles and waste reduction in waste management;
- Real-world case studies and practices that illustrate the integration of LCA to inform waste management strategies and best practices of waste handling to reduce environmental burdens.





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Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

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Journal Rank: CiteScore - Q1 (*Ecology, Evolution, Behavior and Systematics*)

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