Special Issue

Environmental Study of Waste Management: Life Cycle Assessment

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. Through the exploration of life cycle assessment tools, 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. This includes the following:

- **Waste Management Strategies**: Examining various waste treatment methods, such as recycling, energy recovery, and landfilling, and their environmental and health implications.
- **Environmental Risk Assessment**: Assessing the potential risks to the environment and human health posed by emerging contaminants generated during waste management, such as microplastics.
- **Waste Treatment Technologies**: Investigating physical, chemical, and biological treatment methods, as well as technological innovations in waste recycling and resource recovery.

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Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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