



Solid Waste Management in a Life Cycle Analysis Perspective

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Deadline for manuscript submissions:

closed (30 December 2023)

Message from the Guest Editors

This special issue is devoted to gathering **high-quality and original LCA studies in current and future solid waste management systems**:

- Municipal solid wastes, including both the recyclable and non-recyclable fractions of plastics, cardboard, paper, metals, glass, textiles, and food wastes;
- Wastes from water and wastewater treatment;
- Wastes from thermal processes (bottom ashes, fly ashes, and slags);
- Electric and electronic wastes;
- Construction, refurbishment, and demolition wastes of civil engineering activities;
- Health-care and medical wastes;
- Wastes from vehicles' maintenance and end-of-life vehicles;
- Industrial wastes from the mining and quarry industry, chemical industry, textile industry, animal breeding industry, agro-food industry, and food processing industry;
- Plastic Wastes.

In the context of the Circular Economy, Cradle-to-cradle LCA studies are preferred, but LCA studies of the types cradle-to-grave, cradle-to-gate, and gate-to-gate can also be considered in this special issue. LCA studies contributing to the reduction of Greenhouse Gas emissions from solid waste management systems are also welcomed.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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