

Special Issue

Sustainable Solid Waste Management: Landfill Operation and Management

Message from the Guest Editors

This Special Issue will cover the practice and progress in the areas of landfill operation and management, with emphasis on new technologies. The intention is to provide a holistic view of the latest landfill operation practices. The topics that will be covered include (but are not limited to) waste characterization, slope stability of landfill, leachate management, unsaturated flow analysis of leachate, bioreactor operation, life cycle assesment, education and training (including outreach), geophysical testing on the landfill, geotechnical aspects of the bottom liner design, evapotranspiration cover (ET) of landfill, final closure, UAV usage in solid waste operation, numerical modeling of landfill, and waste to energy.

We are seeking high-quality work in the form of original research articles, review papers, best practices, and case studies. Case studies are highly encouraged but should include a discussion of the lesson learned along with the uniqueness of the study.

All submitted articles should address the landfill-related practices, problems, and solutions that are of high interest to solid-waste practitioners.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2022)



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Message from the Editor-in-Chief

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

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