

Special Issue

Sustainable Management and Remediation of Landfills

Message from the Guest Editors

The management of landfill assures the integrity of waste and earthen barriers, and controls the release of contaminants. However, the current practice of landfill management reveals emerging issues that need solutions. On the environmental side, the emission of landfill gases and leachate leakage contribute to climate change and health risks. On the operation side, the inspection of landfill, including landfill cover integrity, emission, capacity, and settlement, still rely on costly and time-consuming labor-based technologies. As such, this Special Issue aims to synthesize advanced technologies and current practices to address the issues. Both original research articles and reviews are welcome in this Special Issue. Topics may include but are not limited to the following:

- Environmental and geological engineering properties of alternative materials
- The efficacy of regulated composites or alternative barriers
- Advanced technology and practice for high-efficiency and economic landfill management

We look forward to receiving your contributions. , and

Guest Editors

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Deadline for manuscript submissions

closed (29 February 2024)



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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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