



Sustainable Management and Remediation of Landfills

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Message from the Guest Editors

Dear Colleagues,

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.

Dr. Jongwan Eun, Dr. Jiannan Chen and Dr. Juan Hou
Guest Editors





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Editor-in-Chief

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Message from the Editor-in-Chief

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