



Engineering Properties and Environmental Effect of Recycled Waste in Geotechnical Engineering

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Message from the Guest Editor

This Special Issue focuses on the generation and characterisation of engineering properties, assessing the environmental impact of agro-industrial wastes and by-products and explores their potential applications as promising eco-friendly, cost-effective construction materials.

Original research articles and reviews addressing the environmental impact of agro-industrial waste disposal, characterising engineering properties of recycled wastes and their applications in geotechnical engineering are welcome. Research areas may include (but are not limited to) the following:

- Assessing the environmental impact of waste disposal
- Soil stabilisation by recycled wastes
- Numerical modelling and machine learning of waste contamination
- Experimental investigations of utilising recycled wastes in geotechnical engineering
- Solid waste management techniques
- Recycling wastes in pavement base and subbase
- Recycled construction and building materials
- Alternative additives/green chemical stabilisers for ground improvement
- Sustainable development of civil infrastructures
- Engineering applications of recycled waste for a cleaner environment and production





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