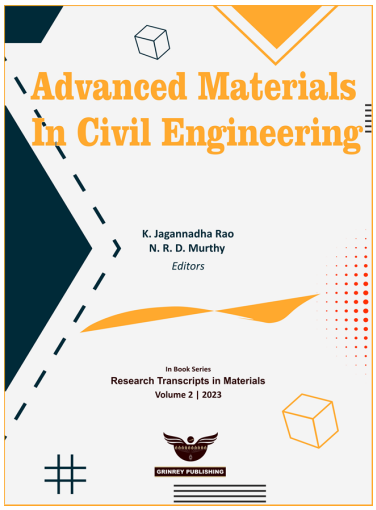
Vol. 2 (2024): Advanced Materials In Civil Engineering



DOI: https://doi.org/10.55084/grinrey/RTM/978-81-964105-5-1

PUBLISHED: 2024-03-03

BOOK CHAPTER

Use of Construction and Demolition Waste Material for Soil Stabilization

DOI: https://doi.org/10.55084/grinrey/RTM/978-81-964105-5-1_1

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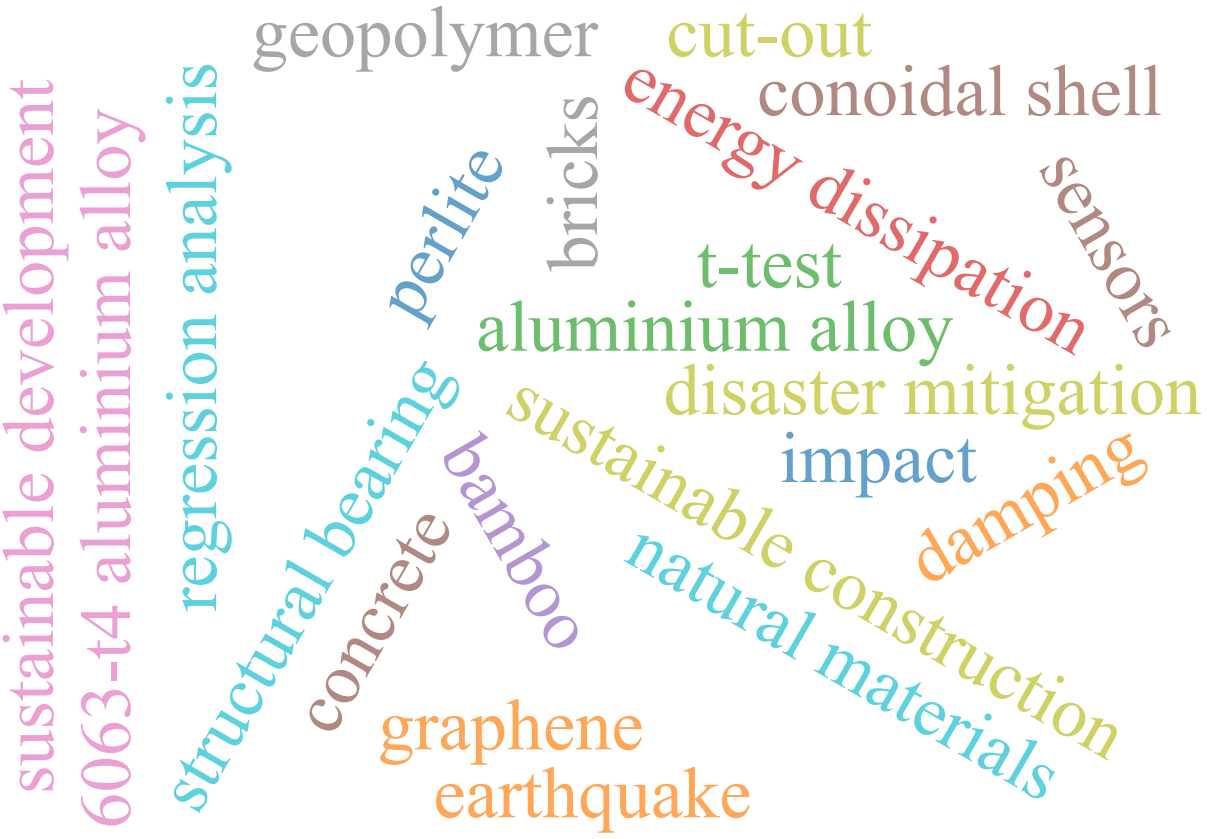

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BROWSE

1 Use of Construction and Demolition Waste Material for Soil Stabilization

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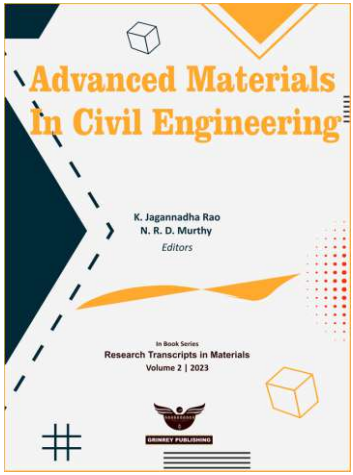
Keywords
Bearing capacity, construction waste, demolition waste, soil stabilization, sustainable development

Received: 24 Mar 2023 | Accepted: 14 Jan 2024 | Online: 03 Mar 2024

Cite this article

Md. Hamjala Alam, Tanmoy Mondal, Tarun Dev, Arijit Kumar Banerji, Chanchal Das (2024). Use of Construction and Demolition Waste Material for Soil Stabilization. Research Transcripts in Materials, 2, 1-14.



https://doi.org/10.55084/grinrey/RTM/978-81-964105-5-1_1

Abstract

Soil stabilization is the method of modifying and improving soil engineering properties. Properly stabilized soil exhibit better bearing capability, shear strength, density and lower permeability, plasticity and shrink-swell characteristics. Soft and expansive soil is grave threat to the existence and safety of the structures constructed over and underneath it. The availability of a suitable stabilizer, which can modify and strengthen the characteristics of weak soil, is vital for the safety and longevity of the structures. It is essential to use such