



Advances in Sustainable Construction Materials and Geotechnical Engineering

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Message from the Guest Editors

Dear colleagues,

The topics covered in this Special Issue include the use of industrial, agricultural byproducts and other waste as sustainable and green materials in the construction field and in geotechnical engineering. Research papers must discuss recent advances and techniques related to the geotechnical and construction fields concerning the use of low-carbon binders, geo- and bio-polymers, natural renewable resources in the material design, and stabilization techniques. The economy and renewability of natural resources (energy and materials), sustainable and eco-friendly development, the limitation of greenhouse gas emissions, the effects of climate change, recycling, and waste reduction are all factors that must be considered in the development of sustainable materials. Papers may also include case studies on applications in the areas mentioned.

keywords:

- sustainable materials
- green materials
- low carbon binder
- earth materials
- geopolymer
- biopolymer
- stabilization/solidification technique
- waste recycling
- byproducts





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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