



Sustainability in Geotechnical Engineering

Guest Editor:

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Message from the Guest Editor

Geotechnical engineering is one of the disciplines to be first called upon in the construction of the built environment. It is also one of the most resource-intensive disciplines within civil engineering. This Special Issue is focused on sustainable systems/design, sustainable materials, sustainable construction, and maintenance technologies. There have been many studies considering sustainability in energy geotechnics, material energy, material reuse and recycling, material and waste reengineering, foundation rehabilitation and reuse, the use of underground space, and sustainable ground improvement applications. The scope of this Special Issue is the quantitative evaluation of the social, economical and/or environmental impacts of sustainability practices in geotechnical engineering.

Keywords

- quantitative assessment
- geotechnical sustainability
- sustainability framework for geotechnical engineering
- assessment tools
- material reuse
- material recycle
- waste reengineering





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Message from the Editor-in-Chief

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