

Special Issue

Analysis and Modeling for Sustainable Geotechnical Engineering

Message from the Guest Editors

It is our pleasure to announce a new Special Issue of our journal /Sustainability/: “Analysis and Modeling for Sustainable Geotechnical Engineering”. The aim of this Special Issue is to connect the broader scope of sustainable development with geotechnical engineering and to present the latest research achievements in different aspects of the geo-sustainability of assessment tools and quantitative sustainability assessment frameworks for geotechnical engineering. Research areas may include (but are not limited to) the following:

- Green materials for grouting reinforcement and foundation improvement;
- Recycling of excavated soil;
- Urban resilience;
- Robustness design of underground engineering;
- Life cycle assessment of underground infrastructure;
- Development of underground space (Excavation and tunnel);
- 3D geological modeling;
- Digital city management;
- Machine learning in geotechnical engineering.

For more details, please check: mdpi.com/si/123240
Any question about this special issue, please contact Mark Huang .

Guest Editors

Dr. Pengjiao Jia

Prof. Dr. Peixin Shi

Dr. Xi Jiang

Dr. Cheng Cheng

Deadline for manuscript submissions

closed (29 November 2023)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/123240

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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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