

Special Issue

Sustainability Assessment and Optimization of Geotechnical Engineering

Message from the Guest Editors

This Special Issue, “Sustainability Assessment and Optimization of Geotechnical Engineering”, aims to address the optimization of engineering projects to advance regional and social sustainability. First, it will assess the impacts of natural disasters, including earthquakes, slope sliding, flooding and debris flow, and related disaster prevention methods. The application and integration of innovative measurement and monitoring technologies will also be explored. Second, advanced materials, soil stabilization and improvement technologies that satisfy sustainable development goals will be included. Ecological engineering has developed quickly in recent years, allowing for environmental protection, energy saving and carbon reduction and the mitigation of extreme weather in civil engineering. Lastly, we hope to cover additional issues related to renewable energy and engineering optimization in urban areas, such as offshore foundations, deep excavation and tunneling under various environments and innovative technologies for improving ground conditions. We are thus seeking in-depth discussions on important case studies on the aforementioned topics.

Guest Editors

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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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