

Special Issue

Green Foundations: How Geotechnical Engineering Can Support Sustainable Infrastructure

Message from the Guest Editor

This Special Issue, "Green Foundations: How Geotechnical Engineering Can Support Sustainable Infrastructure", addresses the critical intersection of geotechnical engineering, sustainable infrastructure development, and societal resilience. Innovative geotechnical solutions are pivotal in creating robust and adaptive infrastructure systems as the world faces escalating challenges due to climate change, urbanization, and natural hazards. It emphasizes cross-disciplinary approaches that connect innovation in engineering with social and environmental considerations, contributing to global sustainable development goals. Building on foundational research in geotechnical sustainability, disaster mitigation, and socio-economic integration, this Special Issue aims to inspire new insights and methodologies for resilient and sustainable infrastructure. Original research articles and reviews are welcome. Their research areas may include (but are not limited to) the following:

- Geotechnical materials;
- Hazard-resistant infrastructure;
- Earthquake engineering;
- Urban sustainability;
- Geotechnical solutions for fostering societal resilience.

Guest Editor

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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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