

Special Issue

A Geotechnical Study on Landslides: Challenges and Progresses

Message from the Guest Editors

This Special Issue invites multidisciplinary contributions addressing the current challenges and breakthroughs within landslide-related geotechnical research. The scope emphasizes the resilience of critical infrastructure impacted by landslides, particularly in mountainous regions. Contributions focusing on the influence of landslides on civil and architectural engineering, water conservancy systems, and transportation networks such as roads and railways are especially welcome. In addition, the issue encourages innovative technical methods for landslide remediation. New approaches including advanced numerical modeling, data-driven risk assessment, machine learning techniques, and cutting-edge remote sensing and field monitoring technologies are sought to improve early warning systems and guide effective mitigation strategies. Research addressing the design and performance evaluation of remedial measures, as well as case studies that integrate laboratory experiments and field investigations, will provide valuable insights for policy-making and urban planning.

Guest Editors

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Deadline for manuscript submissions

31 December 2025



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/236664

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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.

Editor-in-Chief

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