

Special Issue

Slope Stability Analysis and Landslide Disaster Prevention

Message from the Guest Editors

Geologic disasters cause enormous losses of human lives and properties and serious ecological environment imbalances. Geologic disaster prevention and mitigation are essential, especially considering the effects of global climate change. Given these developments, this Special Issue invites original submissions, including recent advances in any aspect of slope stability and geologic disasters prevention from theoretical, numerical, or experimental perspectives. Topics may include but are not limited to:

- Landslides;
- Debris flows;
- Mountain hazards;
- Slope stability evaluation;
- Engineering geology and geological engineering;
- Geomechanics numerical simulation;
- Strong seismic motion and geological hazard;
- Disaster prevention strategy and management;
- Geological disaster monitoring, warning, and risk assessment;
- Hydropower engineering geological disaster prevention;
- Climate change and disaster prevention technology;
- Integrated disaster risk governance—assessment and management;
- Ecological geotechnical engineering;
- Soil freezing and thawing;
- Water loss and soil erosion.

Guest Editors

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Deadline for manuscript submissions

closed (1 May 2024)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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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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