Special Issue

Sustainable Assessment and Risk Analysis on Landslide Hazards

Message from the Guest Editors

This Special Issue aims to highlight current advances in the responsible management of land in areas threatened by landslides, rockfalls, slope movements, and active morphogenetic processes, particularly denudation, i.e., erosion, eluviation, surface runoff, landslides, rockfalls, and deflation. It places strong emphasis on hazard prevention through the use of an interdisciplinary approach that combines geology, geotechnical engineering, geodesy, mechanics, and botany.

Our interests also extend to the application of artificial intelligence in supporting the catastrophic landslide detection and analysis of such hazards, offering fast and reliable results, especially in cases where intuitive interpretation proves difficult.

We welcome contributions that explore both the theoretical and practical aspects of geotechnical hazard assessment, prevention, and monitoring. Topics may include, but are not limited to, the following:

Slope stability analysis;
Early warning systems;
Intelligent monitoring of ground deformation;
Biotope selection and regulation;
Mechanics of variably saturated, structurally complex, or unconsolidated media.

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. *Sustainability* publishes original research articles, review 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

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