

Special Issue

Landslide Dynamics and Analysis: From the State of the Art to New Perspectives

Message from the Guest Editors

This Special Issue invites contributions focusing on innovative approaches to data acquisition, integration, and analysis. Particular attention is given to multidisciplinary, multi-temporal, and multi-platform studies employing characterising slope movements, as well as real-time, near-real-time, or deferred monitoring strategies, combining in situ measurements and remote sensing technologies. Case studies demonstrating practical applications of traditional and cutting-edge approaches to landslide dynamics are strongly encouraged, as is research addressing challenges such as big data management, exploiting machine learning techniques, and time-lapse investigations. The contributions can cover topics including, but are not limited to, the following:

- State-of-the-art methods for landslide detection, monitoring, and analysis;
- Advances in multidisciplinary approaches used to characterise landslide dynamics;
- Machine learning and time-lapse investigations for landslide big data management;
- Real-time landslide monitoring.

We look forward to receiving your original research articles and reviews.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

Prof. Dr. John C. Eichelberger

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