

Special Issue

Rockfall Phenomena: Geomorphological Processes, Hazards, and Mitigation

Message from the Guest Editors

Landslides are natural phenomena occurring in all geographic regions due to a combination of geological and geomorphological factors in response to triggering mechanisms, mostly represented by heavy rainfall events, seismicity, or human action. Rockfalls are acknowledged as a type of fast-moving landslide that occur when rock or earth falls, bounces, or rolls from a cliff or down a very steep slope. The goal of this Special Issue is to collect papers that give insights into innovative methods and techniques to accurately investigate rockfall phenomena, providing useful products for risk management actors.

This Special Issue welcomes manuscripts that include: the analysis of rockfall conditioning and triggering factors; geomorphological analysis and GIS mapping; rockfall hazard mapping; susceptibility mapping; remote sensing techniques for the definition of vulnerability and risk; the modelling and monitoring of rockfall dynamics; the implementation of sustainable territorial planning; the design of smart adaptation measures to reduce risks; We look forward to receiving your original research articles and/or review papers

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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.

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