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Mountain Hazards Caused by Extreme Events — Mechanism and Countermeasures

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Message from the Guest Editors

Research on the instability mechanism of landslides, the dynamic mechanism of high-speed landslide motion, monitoring and early warning technology, the numerical simulation method, and support and blocking technology of landslides can help to establish a system for landslide early warning, prediction, and protection systems to mitigate the harm caused by landslides. Given this scientific framework, we would like to invite scientists involved in this research field to contribute to this Special Issue, which will focus on experiments, numerical simulation methods, and engineering projects on landslide starting, motion, and prevention. Research to reveal the mechanical mechanism or evolution characteristics of landslide instability, dynamic processes, and prevention technology will be emphasized. The monitoring and early warning methods of landslides that involve multiscale integration and multidisciplinary integration are also of interest.



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Special Issue



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Message from the Editor-in-Chief

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