

Special Issue

Mountain Hazards Caused by Extreme Events – Mechanism and Countermeasures

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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Deadline for manuscript submissions

closed (31 July 2023)



Water

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Impact Factor 3.0
CiteScore 6.0



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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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