Special Issue

Approaches to Water-induced Landslide Hazard Risk Forecasting and Assessment

Message from the Guest Editors

This Special Issue aims to present original research and review articles that present innovative approaches for analyzing stability, predicting failure mechanisms, designing effective stabilization measures, and assessing risks of water-induced landslides. Potential topics include the following:

Multi-source remote sensing for water-induced landslide identification
Laboratory testing methods on soil and rock behaviors related to water-induced landslide
Advances in sensors and monitoring techniques for water-induced landslides
Water-induced landslide susceptibility mapping
Analytical, physical, and numerical techniques in water-induced landslide stability assessment
Physical model testing and numerical simulation of water-induced landslides
Water-induced landslide evolution mechanisms
Artificial intelligence applications in water-induced landslide hazard risk
Development of new early warning criteria for water-induced landslides
Comprehensive risk assessment and hazard evaluation of water-induced landslides

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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

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