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Research on Landslide Hydrology and Hydrogeological Disaster Monitoring

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Deadline for manuscript submissions:
closed (30 December 2022)

Message from the Guest Editors

This research theme aims to provide an outlet for peer-reviewed publications that combine multidisciplinary techniques in monitoring and modeling to conduct stability analysis and risk assessment of natural and engineering slopes. Topics include but are not limited to the following:

- Hydrogeological monitoring of snowmelt/rainfall-induced landslides
- Impact of soil bioengineering and vegetation on slope stability
- Slope failure and deformation mechanisms under hydrological extremes of unprecedented snowmelt and rainfall
- Monitoring and early warning of tailings dam failure and coastal landslide disaster
- Numerical simulation of multiple-phase debris flow considering fluid-solid coupling
- Landslides disaster prevention and mitigation techniques[…]

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/landslide_disaster

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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.

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