

Special Issue

Rainfall-Induced Geological Disasters

Message from the Guest Editors

Rainfall is a primary cause of geological disasters such as landslides and debris flows, which pose a major natural threat to people, infrastructure, lifelines, and economic activities in many countries. Therefore, understanding the mechanism of rainfall-induced geological disasters and designing effective control and mitigation measures are considered to be societal priorities. Engineering geologists have focused on the effects of rainfall infiltration on soil strength and slope stability in saturated and unsaturated conditions. Hydrologists have concentrated their efforts on the processes that control surface and subsurface stormflow at the hillslope and catchment scale. However, there are significant technical challenges associated with the mechanisms and prevention of rainfall-induced geological disasters [...] For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/geological_disasters

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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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