

Special Issue

Prediction and Prevention of Risks Related to Hydro-Geotechnical Hazards

Message from the Guest Editor

Over the last few decades, hydro-geotechnical hazards have caused significant damage to both natural and human-made environments all over the world. These hazards, such as floods, landslides, and earthquakes, threaten socio-economic activities and the operational safety and stability of infrastructure, cause several billion dollars of damage, and more importantly, they are responsible for several deaths [...] This Special Issue focuses on the risks associated with hydro-geotechnical hazards and invites submissions that exploit state-of-the-art research, case studies, and lessons learned through failures, including but not limited to earth dam embankment stability, rock erosion of dam spillways, rainfall-induced landslides, geotechnical problems associated with water, landslide risk prediction and evaluation, triggering and failure mechanisms, numerical modeling and GIS application for hazard zonation, etc. For further reading, please follow the link to the special issue website at:

https://www.mdpi.com/journal/water/special_issues/TUEE3ED4U6

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2023)



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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

Dr. Jean-Luc PROBST

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