Special Issue

Rainfall-Induced Landslides: Influencing, Modelling and Hazard Assessment

Message from the Guest Editors

Large landslides are found in a variety of lithological and geological domains throughout the world. They encompass a variety of failure types, can range from very slow to very fast moving, and pose different hazards and risks to constructed facilities and loss of lives. The triggering, modeling, and hazard assessment of landslide disasters have been and remain one of the most important challenges in the field of engineering geology. Thus, further research on the topics of landslides, especially from the perspective of engineering geology, is still a must. In addition to geological surveys, comprehensive filed monitoring, laboratory physical modeling, theoretical analyses, and numerical simulations can also advance the state of the art on landslide hazard mitigation.

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