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Analysis and Prediction of Rainfall-Induced Landslides in a Changing Environment

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Deadline for manuscript submissions:
closed (31 July 2020)

Message from the Guest Editors

Dear Colleagues,

Rainfall-induced landslides are frequent and widespread natural phenomena that cause damage to humans and goods worldwide. About 90% of the landslides that caused casualties worldwide are triggered by rainfall. Therefore, the prediction of rainfall-induced landslides constitutes a key scientific question with significant social implications.

This Special Issue will collect contributions about recent research advances and/or well-documented applications in the prediction of rainfall-induced landslides. Contributions regarding the definition and the application of both empirical and physically-based methods and procedures to single phenomena or a population of landslides are welcome. Given the strong relationship between rainfall and landslides, variations in rainfall regimes are supposed to have effects on slope stability and on landslide characteristics. Therefore, contributions regarding the evaluation of the impact of observed and expected climatic and environmental (e.g. land use/cover) changes on landslide activity, frequency, and distribution are also welcome.

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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherentset of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientificallybased political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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