



Landslides and Sediment Disasters Prevention

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Message from the Guest Editors

Soil erosion caused by climate change or human activity poses worrying threats to cities, settlements and life in areas developing near slopes. Understanding the changes of in soil moisture, sediment and landslide activity in key regions is helpful to establish an early warning system for key regions of secondary geological disasters. However, complete risk reduction seems impractical in such a framework, especially since delocalization of anthropogenic activities is not feasible in most cases, and co-existence with landslide risk is acceptable. In these cases, robust approaches such as modelling based on observed data, such as rainfall and soil hydrology, or off-site or laboratory experiments, appear to be the most promising approaches to reducing risk and improving societal resilience. The Special Issue will focus broadly on the analysis, experimentation, or modeling of hydrological processes leading to landslides and sediment movement, as well as the analysis of early warning definitions based on rainfall or soil hydrological monitoring.





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Message from the Editor-in-Chief

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