



Effects of Climate and Environmental Changes on Landslides

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Message from the Guest Editors

Climate changes, whose effects have become increasingly evident all over the world, are expected not only to affect the frequency and magnitude of the weather patterns that can trigger landslides (and thus the hazard thereof), but also exposure (and thus risk) connected to changes in land use, which follow such phenomena. However, in spite of the severe weather events, which are already occurring around the world, the commitment of either the scientific community and policy-makers in facing the increasing risk of landslide appears still limited, especially if compared to the initiatives that are being undertaken with respect to other geo-hydrological hazards, such as droughts or floods, whose link with climate changes is even more evident.

The goal of this special issue is to collect useful contributions about the relations between weather impacts and landslides, stressing the role of climatic changes. Both data from experience and results of physically-based analyses about future scenarios will contribute to provide a useful framework to account for by stakeholders and policy-makers.





water



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