

Rainfall Thresholds and Other Approaches for Landslide Prediction and Early Warning

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Message from the Guest Editors

Dear Colleagues,

The prediction of the occurrence of rainfall-induced landslides is an important scientific and social issue. To mitigate the risk posed by rainfall-induced landslides, landslide early warning systems (LEWS) can be built and applied at different scales as effective non-structural mitigation measures. Usually, the core of a LEWS is constituted of a mathematical model that predicts landslide occurrence in the monitored areas. In the last decades, rainfall thresholds have become a widespread and well established technique for the prediction of rainfall induced landslides, and for the setting up of prototype or operational LEWS. This Special Issue collects contributions about the recent research advances or well-documented applications of rainfall thresholds as well as other innovative methods for landslide prediction and early warning.





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