Special Issue

Landslide Research: State of the Art and Innovations

Message from the Guest Editor

Landslides have always been one of the most harmful geological hazards in terms of human lives and economic loss worldwide. Landslides can develop in both continental and underwater environments characterized by the presence of slopes with devastating consequences on structures, infrastructure, economic activities and communities. They can also occur in flat or sub-flat areas as sink holes, a particularly insidious phenomena in densely urbanized areas. The purpose of this Special Issue is to collect and group together quality scientific papers on these research fields and derived practical/operational applications. The topics related to the Special Issue therefore concern the innovative methodologies to achieve landslides identification, classification, characterization and hazard/risk evaluation through geomorphological field survey and studies, remote sensing applications, GIS data mapping, processing and representation, the analysis of predisposing and triggering factors, landslide early warning systems implementation and the impact of current and future climate change scenarios on the evolution of these phenomena.

Guest Editor

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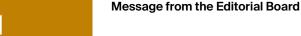
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