Special Issue

Innovative Strategies for Sustainable Mitigation of Landslide Risk

Message from the Guest Editors

Natural, structural and infrastructural systems are seriously threatened by a natural disastreous phenomena, such as landslides, which can be induced by climate, or earthquackes, or anthropic action. Their diffusion and the the damage intensity of their effects is highest especially in mountaneus countries of severe susceptibility and intense urbanization. The mitigation of landslide risk requires a coherent scientific programme of slope characterization, stability analysis, monitoring and hazard assessment, for a wise selection of the mitigation strategies in light of the diagnosis of the landslide mechanism, in order to identify the most sustainable design. This special issue “Innovative Strategies for Sustainable Mitigation of Landslide Risk” is framed within such a programme and is intended to contribute to three essential actions for the risk mitigation: 1) the monitoring of the processes, 2) the modelling of the processes to diagnose the landslide mechanism and identify the most appropriate remedial measures, and 3) the development of innovative design strategies.

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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.

Editor-in-Chief

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