Special Issue

3D Jointed Rock Mass Structural Analysis and Evaluation of Rockfall Potential

Message from the Guest Editors

The main topic of the special issue is the application of new technologies i.e. UAV-SfM and LiDAR, on the characterization of rock mass and the evaluation of rockfall potential. Nowadays, a 3D model of a rock slope is frequently utilized for analyzing the rock mass in order to evaluate the rock fall hazard. More specifically, the development of a 3D model is considered as core data for defining the characteristics of the discontinuities sets and particularly, for extracting information regarding the orientation and spacing of discontinuities based either on semi-automated or manually procedures. Having assessed this information, a reliable evaluation of rock fall potential can be realized aiming to highlight likely to failure areas on a rock slope.

Guest Editors

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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