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We present a long-term spatio-temporal analysis of rock slope evolution using a Terrestrial LiDAR aiming to improve our understanding of the link between pre-failure deformation and the spatial ...

(PDF) Spatio-temporal analysis of rockfall pre-failure

The analysis of the volume distribution of the historical rockfall events in the slopes of the Solà d'Andorra during the last 50 years shows that they can be fitted to a power law.

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Abstract. We present a long-term spatio-temporal analysis of rock slope evolution using a Terrestrial LiDAR aiming to improve our understanding of the link between pre-failure deformation and the spatial prediction of rockfalls.

Spatio-temporal analysis of rockfall pre-failure

A Visual Analytics Framework for Spatio-temporal Analysis and Modelling Natalia Andrienko and Gennady Andrienko Fraunhofer Institute IAIS (Intelligent Analysis and Information Systems), Sankt Augustin, Germany Abstract. To support analysis and modelling of large amounts of spatio-temporal data having the

A Visual Analytics Framework for Spatio- temporal Analysis

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Basic introduction to spatio-temporal analysis and data mining along with an extensive list of resources and journal articles referring to the topic. Application Articles. Andrienko, N., & Andrienko, G. (2012). A visual analytics framework for spatio-temporal analysis and modelling. Data Mining and Knowledge Discovery.

Spatiotemporal Analysis | Columbia University Mailman

Spatio-temporal analysis embodies spatial modelling, spatio-temporal modelling and spatial reasoning and data mining. Advances in Spatio-Temporal Analysis contributes to the field of spatio-temporal analysis, presenting innovative ideas and examples that reflect current progress and achievements.

Spatio Temporal Analysis Of Extreme Hydrological Events

NETL's Geology and Geospatial analysis team continues to advance these and other spatio-temporal and geostatistical tools and approaches to support DOE's mission and goals for safe, reliable, and enduring access to domestic energy resources. In addition, these approaches complement NETL's existing capabilities such as NETL's BLOSUM, to

SPATIO-TEMPORAL TOOLS AND GEOSTATISTICAL APPROACHES

and describes the spatial analysis model used to characterize relationships among rockfall risk, geology, climate, physiography and road geometry. The final section provides a summary of

Tennessee Rockfall Management System

Seismic methods allow to retrieve the location and the volume of rockfalls that occurred at Piton de la

Founraise Volcano during a period of 4 years – We investigated the in

Spatio-temporal evolution of rockfall - ScienceDirect

Rockfall analysis allows the engineers and engineering geologists to compute the maximum velocity, bounce height, distances between the bounces and the kinetic energies associated with the falling blocks at any distance along the profile.

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