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## INNOVATIVE SOLUTIONS FOR MONITORING OF LANDSLIDE CRITICAL AREAS

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### **Abstract**

Landslides are important geomorphologic processes that can cause casualties and damage. Climate changes in recent decades have led to an increase of these phenomena. Unlike other natural disasters (earthquakes and floods) landslides can be more easily prevented and stopped. Technical solutions exist to alert the occurrence of these phenomena. This paper presents such a warning solution for critical thresholds of slopes sliding, previously scheduled, the time of different lithological layers rupture being warned by high intensity alarm signals.

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