



Analysis of mass movements affecting the region of Constantine

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Mass movements are a very frequent phenomenon in the North-Eastern Algeria, causing a lot of damages among the population and on the infrastructures and representing the most important geohazard.

This paper presents some results of the analysis of slope instabilities in many places in the region and especially along the East-West highway. The work show many types of failures characterized by a high degree of heterogeneity. It is clear that the landslides in this area are very complex, in the most cases a combination of several generations that intersect and overlap and often part of a huge active instability or even a paleo-landslides. In general the remediation measures are very costly. Therefore, it is necessary to assess the full impact potential of these mass movements.