



## **Characteristics of the slope movements in Suceava area, Romania**

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The paper is a contribution to the knowledge of the mass wasting processes from the northern part of the Moldavian Plateau (Romania) and, in particular, to those affecting the cuesta from the right side of the Suceava river, area situated in the limits of Suceava city. In the first part of our study we make some general considerations concerning the evolution of the landslides in this area, processes that seems to have a long history reflected in present in the existence of a huge delluvial and colluvial cover with a characteristic morphology in pseudo-terraces and with two main scarp alignments. Also, based on the quantification of displacement rates and depths of the mass movements, measurements concerning the rainfall quantities and soil temperature we try in a second part to analyze the variation of the movements intensity in different time periods. We concluded there is a certain lack of concordance between the rainfalls and the mass movements, also we could determine that the speed of those movements increases from depth to surface.