



## **The landslide susceptibility map in the Panatau Basin, Buzau Subcarpathians, Romania**

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The Panatau basin is located in the Buzau Subcarpathians and is developed on molasse deposits (sandstones, sands, marls and clays). The studied region is affected by intense mass movements and gully erosion. Landslides have an important role in relief modelling.

The paper presents approaches to landslide susceptibility in the Panatau Basin during 1991-2006. Direct methods were used to elaborate the landslide distribution maps on different scales for different case studies. A landslide susceptibility map for the whole basin using GIS and indirect methods is presented.