



The evolution of an active land slide between 2003 and 2004

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In Romania, the total surface affected by earth slide is over 790.000 ha. From this about 670.000 ha are arable land. The pastures are the most affected due to the fact that are usually very damaged and due to irrational pasturing.

General configuration of Romanian relief, with many slope terrains, offers a great favourability to the start and evolution of slide process. Only in the last major cycle of the earth slide reactivation, the process has started on 110.000 ha, in arable or forest surface (C. Teaci, 1983; M. Moțoc, 1984).

From the existing dates it results that earth slides has started in the most districts with slope terrains of the country, excepting the next districts: Bihor, Brăila, Constanța, Ialomița, Ilfov, Teleorman and Tulcea. The districts with the greatest slide surfaces are Vaslui, Iași, Vâlcea, Mureș, Botoșani, Buzău, Prahova, Vrancea, Sălaj, Argeș, Cluj, Mehedinți.

Earth slide from Batin locality, Unguraș commune, Cluj district, is very dangerous because, in time, it can cause the block of Vișeu Valley and, in this way, it will create a natural barrage. This barrage is possible to be broken in the years with excess of humidity and the whole village placed downstream to the earth slide will be in danger.