



The spread of geomorphologic risks in Albania and their management

Q.Lireza

University A.Xhuvani, Albania ,liptongreg@yahoo.com/ 00355692470919

Albania is among Mediterranean countries, where the geomorphologic risks are geographically highly extended. The main natural reasons that cause slidings, fallings and erosion are predominance of hilly mountain relief, considerable spread of terrigenous rocks, climate and dense hydrographic network. Economic activity on physical environment is the main cause of activation and reactivation of the risks. There are different types and sizes of these slidings. They are located mostly on Krraba, Mallakstra and highland of Puka-Mirdita and they are in terrigenous rocks. Some villages like those in Lekasi zone, Moglices Murrizi and Bohoti are disappeared from the slidings or going to be so. The inhabitants are leaving these places. Also some parts of national roads are damaged due to the slidings like Elbasan-Librazhd- Perrenjas, Rreshen-Kukes etc. Some industrial objects are damaged too like Guri Kuq, irritating pipes (Elbasan). Some protecting means used during communist regime, are limited now after its fall. Slidings and falls are the risks that threaten mostly the roads along valleys of Shkumbini, Mati and bigger river outfalls. The erosion is very intensive in Albania. Some major causes are massive deforestations, creating new soils in the slopes, abandoning soils etc. The average intensity of erosion is 20t/ha/year. In Albania 20% of the soil is very disposed to the erosion. In the basins of Tomorrica, Zhullima, Peza etc the intensity of erosion is very high. During 1960-1985, a lot of atterrosive means were taken, while after 1990 they were reduced because of lack of financial funds. There is erosion along some parts of Adriatic coast with average intensity of 6-8m/year. More evident it is in the beaches of Lalzi, Semani, Tale etc. Constructing waterholders in hilly mountain zones, misused of riverbanks etc are among the major reasons for high erosion intensity in the outfalls of Erzeni, Mati, Semani rivers. The management of geomorphologic risks in Albania needs more complex studies and more financial support from the government.