

Geocological analysis of the relief of the Algeti River Basin

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Annotation

The Algeti River Basin is characterized by unique natural conditions, Algeti river basin is distinguished by unique natural conditions, geological structure, landscapes, abundance of historical and cultural monuments, location of strategic importance, but in recent years, intensive engineering activities (Construction of roads, development of areas at risk of natural disasters, installation of high transmission towers, construction of hydropower plants, construction of gas pipelines (Anthropogenesis of relief)) and natural conditions have led to a large-scale activation of dangerous geodynamic processes (Floods, erosion events, landslides, washing of river banks, ravine appearance) which is accompanied by significant material and technical losses every year.

Various geodynamic processes have been developed in the study area: Floods, landslides, erosion, etc. Natural disasters extend to almost the entire area of the study area, Natural disasters are spread in almost the whole area of the study area, the main factor of which is the intensive engineering and human activities, which take place against the background of favorable natural conditions for the development of floods, landslides and erosion processes.

The existing study of the region and the comparison of the current situation have shown that natural processes are activated in the area.

Therefore, the geo-ecological study and assessment of the relief of the Algeti River Basin is important, especially in the light of the fact that a detailed geo-ecological assessment of a particular region has not been done so far. The aim of the dissertation research is geo-ecological assessment of the relief of the Algeti River Basin.