

Geological terrain evolution of the river Iori basin

Nato Tsiklauri

E-mail: : nato.tsiklauri704@ens.tsu.edu.ge;

Department of Geography, Faculty of Exact and Natural Sciences, Iv. Javakhishvili
Tbilisi State University #1, I. Chavchavadze Avenue, Tbilisi 0179, Georgia

River Iori basin is distinguished because of unique natural conditions, Geological structure, landscape, amount of historical and cultural monuments. the place has strategically important location. Unfortunately, recent engineering activities (road construction, detaining places where there is high expectation of natural disasters, installing high transmission towers, installing pipes for gas, anthropogenization of relief) caused dangerous geodynamic processes to activate on large scale (mudflows, avalanches, erosion, depletion, river bank washing, hail, drought), that is also accompanied by high material damage and casualties.

There are different types of geodynamic processes activated on research field. There are almost every geodynamic processes activated in region: mudflows, avalanches, erosion, depletion, river bank washing, hail, drought and some other natural disasters spreading through whole research area. Main reason of natural disaster activation is human engineering activities.

Comparing existing studies to the recent research showed us that there are natural disasters activated in region.

Due to all statement above, it is important to do geo-ecological study and evaluation of the region, therefore this kind of study hasn't been done on this territory before. Main goal of these thesis is to study anthropogenic relief in river Iori basin.