

# GIS analysis of the touristic and recreational potentials of Lentekhi Municipality

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In reality of Georgia, it is especially promising the development of the sector, such as tourism and recreation. In fact, the development of this sphere is impossible without the maps and other cartographic images drawn up by modern geo-information technology, that the object of our research has not yet been fully perfected.

The goal of this project was to identify, studying, mapping and analyzing objects and areas of tourism-recreational potentials on the territory of the Lentekhi Municipality.

The certain activities were set for achieving the goal: searching, classifying and analyzing scientific-historical and geographical sources as well as cartographic materials on the study area; Field surveys in the Lentekhi Municipality in the context of tourism, which envisaged public inquiry by visiting a preliminary questionnaire, visiting tourist attractions, photography and coordination; Preparation of digital format of the survey Municipality of 1:50 000 scale map; Cartography and relevant editing of tourism-recreational objects of the study area; Spatial-time analysis of duplicated maps and database.

In this work for master' s degree are presented the results of processing materials obtained in the research process in the Lentekhi Municipality and analyzing diagrams and cartographic material based on these results.

The obtained results are of great importance as the first comprehensive study of the municipal, in terms of tourism and recreation, that could be used by locals, state and non-relevant service points, a tourist-recreational complex in the works, activities and planning and implementation of the project time.

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