

Bolnisi Municipality Geoinformation System and Map Series

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The master's thesis was selected based on the direct practical purpose. At present, none of the Administrative Units (Autonomous Republic, Region, Municipality, and Local Governing City) in Georgia have the multidisciplinary geographical information system and relevant electronic map series or full complex-geographical atlas. The above-mentioned cartographic-geoinformation product is an important instrument for managing a specific territorial-administrative unit and planning and implementation of measurements to be conducted properly.

The purpose of the Master's thesis is to create one of the contrast - Bolnisi Municipality Geoinformation System of the Kvemo Kartli Region and the relevant electronic map collection (series) for practical purposes.

The field expedition has been conducted by the participation of the master's thesis author and thesis supervisor for the purpose of completing the master's thesis in a high-quality. The Local Municipal Offices have taken and collected: statistical, analytical, literary and cartographic sources. The existing objects (mineral deposits, industrial establishments, historical, architectural and cultural monuments, natural sightseeing, agricultural lands, cultural and sports facilities, health facilities, educational facilities, service facilities and transport communications) have been visited and described on the territory of Bolnisi Municipality. As a result of systematization and cartographic processing of these materials (geoinformation), a map series has been created, which included the maps of natural and social events. At the next stage, the cause-effect analysis of maps and geo-database has been made and the practical recommendations have been provided in a textual form.