

Comparative analyses and by Ivane Javakhishvili and Svimon Tsitsishvili cartography of
historical maps done

Ani sherozia

e-mail: ani.sherozia379@ens.tsu.edu.ge

Department of Geography Faculty of Exact and Natural Sciences

Ivane Javakhishvili Tbilisi State University

Tbilisi, I. Chavchavadze Avenue # 3

The paper deals with the comparative analysis and mapping of historical maps compiled by Iv Javakhishvili in 1923 and Svimon Tsitsishvili in 1936. The aim of this master thesis is comparative analysis and mapping of two historical maps. To achieve the goal, it is necessary to perform several tasks, namely: through comparative cartographic analysis to visually identify common or different signs and analyze them. To determine the geographical-cartometric indicators of the geographical objects presented on the map.

Through the geoinformation program called ArcGIS, the features of the spatial distribution of the kingdoms of Georgia were determined on Svimon Tsitsishvili's map, the spatial values of each administrative unit (both linear and polygonal layer) were programmatically calculated. The issue of border variability on the survey map and Ivane Javakhishvili on the map are also compared. Cartograms represent the quantitative features of the spatial perception of geographical objects at the level of both kingdoms and principalities. Toponyms have been identified and grouped according to certain traits. Each of these results is visually represented in the form of tables and diagrams