

Methodological grounds for compiling the Georgian Football Atlas and Geographical Information System

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Geoinformal cartography is a dynamic field within modern cartography, and one of the emerging topics in Georgian cartography is the development of a comprehensive electronic atlas for Georgia and its municipalities, along with a corresponding geographic information system. This research topic holds great potential for innovation and is well-aligned with current challenges. Notably, there is a growing demand for sports management university curricula in European countries, and this field remains largely untapped in our country. By undertaking research in this area, my goal is to bring sports management to the forefront and lay the foundation for its development.

The specific tasks derived from this goal are as follows:

- A) Finding and Analyzing Existing Literary and Cartographic Sources
- B) Preparation of a digital topographic basis for thematic maps to be compiled
- C) Conducting field research and spatial analysis of collected information
- D) Creating a database of nature and community events
- E) Creation of an evaluative geographic information system
- F) Thematic electronic atlas compilation, scientific editing, and preparation for publication

To carry out this research, the following process will be employed, incorporating the following methods:

Descriptive Method: Gathering and analyzing existing literary and cartographic sources to establish a knowledge base for the research.

Statistical Method: Analyzing data to identify trends and patterns related to football institutions and their geographical distribution.

Cartographic Method: Utilizing cartographic techniques to prepare thematic maps based on the digital topographic basis, highlighting various aspects of football services and facilities.

Remote Sensing Method: Employing remote sensing technologies to gather spatial data and conduct spatial analysis for a comprehensive understanding of the football landscape.

Geoinformative Method: Developing an evaluative geographic information system that integrates data from various sources and provides a comprehensive assessment of football services.

The resulting cartographic-geoinformatics product, comprising the evaluation geoinformation system and complex geoinformative atlas, will have practical applications for various stakeholders, including the Ministry of Sports and Culture of Georgia, the National Tourism Agency, the Ministry of Economy and Sustainable Development, the Georgian Football Federation, FIFA, UEFA, football clubs nationwide, Tbilisi City Hall, all municipalities in the country, travel agencies, travel companies, sports universities, sports media representatives (TV channels, social media platforms, sports YouTube channels, and print media), the Department of Geography and the Institute of Tbilisi State University, and the Georgian Cartographers Association.