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Georgian Integrated Tourism GIS

Despite the wide range of rapid development conditions and positive factors, as well as the government's strong support, there remain elements, which are critical for future success or failure. One of the fundamental elements is the lack of integrated Informational-analytical tool that will make tourism development planning and execution possible based on the correct measurements and the most updated information. Governmental institutions are objectively unable to produce and sustain effective informational-analytical tools on their own due to the complexity, related to the development and the maintenance of such capabilities.

As much as tourism becomes a strategic economic direction, more it challenges all sensitive safety and security aspects of the industry. It is apparent and proven through the global experience that integrated and up-to-date GIS based informational-analytical system is a very effective tool for optimal, sustained and secure development in this field.

Project Goal

Development of Tourism GIS in Georgia and GIS based tourism security modeling system.

System Main Components

- Updated digital layers of Georgian territory as a whole and various touristic regions in different scales (1: 1000000, 1:500000, 1: 200000, 1:50000, 1:10000).
- Integrated regularly upgradable Geo database
- Space-thematic advanced search engine
- Software Installation and Web Based Interactive Interface/Webmap
- GIS based analytical reports system

Informational Capability:

- Full spectrum GIS data base to cover natural and social dimensions
- Regional GIS platforms (12 regions)
- Thematic Maps
- Analytical Maps
- Geographical Diagrams
- GIS integrated Safety and Security Planning Guidelines

The system is multydimensional and consists of interrelated thematic informational blocks and with uzer oriented optimal algoritms will ensure effective service for interested organizations or individuals acting in tourism industry.