

Middle Qartli plain nature use and environmental protection aspects

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Actuality of the theme and scientific news: Shida Qartli (Middle Qartli) represents one of the most important and perspective region of Georgia. So far there is only scientific observations. There is a few (or very old) cartographical sources, which shows current processes and events of the researching region. In the XXI century, when Geoinformational systems covered every scientific sphere in our country, there is no created data base of Shida Qartli. There would be represented actual processes and events of territory of the research region. There are rarity of the collected maps of the natural and the social events, which shows us dynamic of the processes and events and its intercommunication.

The mentioned data base will accomplish to easily review information about researching territory, its spatial and timely analyses and to create different thematic maps. There is designate, that data base will be foundation of the common data base of Georgia, which represents processes and events in the whole territory of our country. Observation of the according data base, which depends on the Geoinformational systems, will accomplish to analyze current processes and events, to see its positive and negative sides, and to make comfortable steps to resolve problems.

Target and task: the target of the mentioned project is to create database of the one of the most important region of Georgia Shida and its Geoinformational analyses.

According to the mentioned target, there are following tasks: to search existing literature and cartographical sources about researching region, study them and analyze. To create data base of the existing processes and events (relief characteristic, geological components,

landscape characteristic, geodynamical processes, spreading of the flora, dynamic of the population, touristic-recreation resources). On the researching territory and create collected cartographical maps, which depends on the analyses of the geoinformation systems.