GIS SYSTEM OF OPPORTUNITIES ANALYSIS

F.K.Achilova,

Karshi branch of Tashkent University of Information Technologies named after Muhammad al-Khwarizmi

Many developers of automated systems (in fact, GIS) can not quite confidently answer the question of whether these systems are GIS or not. This is due to the variety of technologies and even the terminology of numerous previously existing (and existing now) systems for the collection and processing of space-time data.

The GIS themselves can also differ significantly from each other in terms of capabilities, basic data processing technologies (and their number), the required technical configuration, computing resources, etc. For example, in some GIS tool packages, the term “arc” is borrowed from graph theory and serves to designate a polyline, in other packages, a polyline is called a “polyline”, and an arc is called an “arc”.

Because of this, the generalized assessment of typical attributes of the information system belonging to the GIS class and its distinctive properties, carried out on the basis of systems analysis methods, is of particular relevance.

It is necessary to emphasize that GIS belongs to the class of integrated systems. Current trends in the creation of integrated automated systems (including GIS) include various aspects of integration - the integration of data, technology and hardware.

...

Полный текст во вложении