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Geographic Information System (GIS) as a decision support system

Geographic Information System (GIS) is a system designed for creating, analyzing, and presenting geographic and manipulation of data. As a technology based on combining the functions of databases - spatial statistics, optimization, simulation, multi-criteria analysis etc. GIS is often used as a decision support system. The lecture will discuss the application of GIS for spatial analysis in the field of forest management, health management, tourism and resources management.