

Using A Gis Technology in Presenting a Potential Geo-Park to Tourists

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Geo-information systems enable a complex presentation of a geo-touristic location to wider audience. Except specialists, this way of presenting of geo-parks may be interesting to tourists, who can get a large quantity of information about desired locations using such an interactive system.

System has been formed using ArcGIS 9.2 software in Center for Remote Sensing and GIS on the Faculty of Mining and Geology in Belgrade. It consists of two parts – raster and vector elements. Raster images are: geological map (part of the General geological map SFRJ, sheet Pirot), topographic map (scale 1:25000) and orthophoto images. This different raster images allow easily finding of desired locations, but in the same time looking into geological map and a broader understanding of the geological structure and a way of forming certain shapes. Vector elements have all three classes – point and line entity, and polygons. Landing points, on which interesting locations can be viewed, are presented by points and polygons. Line entity is used to present a path, which connects interesting locations.

This system represents the great advantage over the standard way of presenting the potential geo-touristic sites, because it is easy to use, and may be widely available by posting on the website.

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