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PRESERVATION OF ARCHAEOLOGICAL HERITAGE USING GIS TECHNOLOGY

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Abstract

Starting from the destructive nature of the preventive and/or rescue archaeological researches, the archaeological investigations is imposed by the steps of building, alteration, extension or repair on the works affecting the soil surface in the archaeological heritage areas, regardless of the land's region and ownership. Considering that geographical information systems (GIS) - that are part of a broader class of information systems and are mainly characterized by data processing depending on its spatial, geographical, territorial location, by coordinates, facilitating the spatial data processing and analysis, we can say that geographical information systems can be a way of preserving the archaeological heritage.

Key words: archaeology, Geographical Information Systems (GIS), heritage preservation, sustainable development, environment

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