



## **Relation between the Classical Sciences and Geographic Information Systems (GIS).**

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As is already known, in recent years, the use of satellite remote sensing and GIS is a deployable occupation. With their help, we offer the opportunity to acquire knowledge through spatial, temporal, spectral and radiometric resolutions of remote sensing systems and through analysis and incorporation of data Gis. The representation of facts and results of research on the topography and geomorphology sites of archaeological interest, visualization of them with the help of modern software, is growing. The application of innovative technological methods in classical sciences was and is certainly a challenge for scientists, especially when using them to produce results that lead to understanding the history of a place.

So far the formulation of conclusions from the archaeologists was with traditional practices, through sources from the extant ancient texts and by archaeological excavations. In some cases lack of data, to find the exact position of the archaeological monument needs to take place science and technology of Geoinformatics methods and techniques that enable the management of various information from anthropogenic and natural geographic area below of a single digital environment.

Since that archeology examines the evolution of historical events through the geography, geomorphology, time and culture, the results of archaeological research is rich in spatial information. The Gis is an experienced program to process these large volumes of data, particularly those referred to the geomorphology.

Consequently the aim of the paper is to show us that through the help of software can visualize the archaeological monuments of the region through the geomorphologic background mainly. Having as a study area the prefecture of Arcadia owned in the Peloponnese/ Greece shows the direct relation of geomorphology with archeology through the Geographic Information Systems.

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