

Complex geophysical research for defining the defensive wall of the archaeological area “Skupi”

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Depending on the purpose of the tests, geophysical surveys are much more effective when carried out with application of several geophysical methods which complement interpreted data. Geophysical surveys presented in the scientific work are based on the complementary use of several geophysical methods with which through complex interpretation would give a precise location of the archaeological site with known structure covered with sedimentary material. The adequate geophysical methods are determined based on ground conditions and physical parameters according to which the surface area would be modeled effectively. The research presented in the scientific work is made through the use of geo - electrical, seismic and geo - magnetic surveys. The methods of geo - electric mapping and shallow seismic refraction and reflection is presented as an investigative methodology, while the prospection of the tested area is made with geo - magnetic method. Through the mentioned methods are defined the conductive, geo - mechanical and magnetic characteristics of the geological complex.