

## عنوان مقاله:

Investigation and Selection of Optimal and Suitable Locations for Arsenal Camouflage using Remote Sensing Studies  
(Case Study: Iran)

## محل انتشار:

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## خلاصه مقاله:

Identifying suitable and optimal areas for camouflage of arsenals is very important. The purpose of this study is to investigate and select the optimal and suitable places for camouflage of arsenals in the country using AHP model and mathematical analysis in ARC GIS environment. Locating is a process through which the best place for an activity can be determined based on the conditions and according to the available resources and facilities. Accordingly, in this study, first the effective factors in locating the ammunition slot are examined and the map of each of the effective factors in locating the arsenal such as slope map, slope direction map, Altitude map, Access road map, Distance from big cities map, Distance from medium cities map, Distance from small towns Map, Distance from villages map, Distance from faults map and distance from water level map were prepared in ARC GIS environment and the importance coefficients of criteria and sub-criteria were obtained using Analytic Hierarchy Process (AHP) and Expert Choice software. Then, these coefficients were applied in the layers related to each parameter through a linear weight combination and suitable places for selecting the arsenal were identified with a range of values.

## کلمات کلیدی:

Arsenal, Positioning System, Analytical Hierarchy Process (AHP), Geographic Information System (GIS), Iran

## لینک ثابت مقاله در پایگاه سیویلیکا:

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