

## عنوان مقاله:

Using of Analytic Hierarchy Process for Landslide Hazard Zonation in northeastern Fars province, Iran

## محل انتشار:

سومین کنگره بین المللی عمران ، معماری و توسعه شهری (سال: 1394)

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## خلاصه مقاله:

Landslides take place because the movement of non-dense and dense sedimentary layers on the slope that had been unstable for various reasons, such as earthquakes or road construction. This phenomenon may occur very slowly (only a few millimeters per year) or with high speed that caused the catastrophic effects. Therefore, it is vitally important that a landslide susceptibility map of the region be prepared. Purpose of this paper is assessment of landslide hazard zonation in the northeastern of Fars province of Iran. At this study slope, aspect, faults, precipitation, and vegetation were taken as causal factors in landslide occurrence. Remote sensing techniques were used in the preparation of the information layer and for weighting to factors Analytical Hierarchy Method (AHP) is employed.

Finally with regard to landslide hazard zonation of the study area classified

## کلمات کلیدی:

Landslide hazard, Remote sensing, GIS, Analytic Hierarchy Process (AHP), Fars province

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/469302>

