Monitoring Land Subsidence of Mashhad Valley of IRAN Using Leveling, GPS Survey and InSAR Techniques

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ABSTRACT: In Northwest of Mashhad, one of the cities of Iran, land subsidence phenomenon is taking place highly due to the continuous withdrawal of underground water. For monitoring this phenomenon, a levelling network was designed with image of the average speed of displacement to determine the horizontal displacement.

Keywords: Land Subsidence, Mashhad valley, Levelling, GPS Survey, InSAR Techniques.
ABSTRACT: As it is one of the most important vital tenets to choose a suitable place to live, it is better to evaluate the relation of evaluating the indexes and the models according to human convenience or inconveniency in different times of the year.

Keywords: Bioclimatic Consolation, Sadra Town, Terjang Index, Beaker Index, Thermo-Hygrometric Index
ABSTRACT:

Keywords: Economic Development, Bahlooli Tribe, Baranjegan, Nomadic Community, Settlement of Nomads, South Khorasan

ABSTRACT:

Keywords: Locating, Temporary Accommodation Basis, GIS, AHP

ABSTRACT:

Keywords: Park, Green Space, Rasht, AHP, GIS

ABSTRACT:

Introducing a New Approach for Modelling the Near Field Effects in Probabilistic Seismic Hazard
ABSTRACT:
In definitions of seismic hazard analysis, if the site distance from the fault causing earthquake is short, that site belongs to the near field of the fault. In such cases, it is to use the combination of both near and far field attenuation relations according to the proposed model in this study.

Keywords: Earthquake, Fault, Near Fault, Probabilistic Seismic Hazard Analysis, Attenuation Relations