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

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In Northwest of Mashhad, one of the cities of Iran, land subsidence phenomena are highly taking place. Monitoring of the phenomenon is needed urgently. In this study, a monitoring 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.

Evaluating Human Consolation in Sadra Town Regarding Bioclimatic Indexes
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:
The preparation of land and the development of a country require special attention to all urban, rural and nomadic settlements. Native nomadic tribes have been facing obstacles and challenges that they had to face in the past. Therefore, it is necessary to recognize the living conditions of nomadic tribes and the obstacles that they faced. This paper studies economic development, the Bahlooli tribe, Baranjegan, the nomadic community, and the settlement of nomads in South Khorasan.

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

In definitions of seismic hazard analysis, if the site distance from the fault causing earthquake is short, that site is considered to be near the fault. In such cases, it is not accurate to use the far field attenuation relations. Instead, 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