

Abstract:

Desertification is one of the biggest environmental problems in central, south and Eastern of Iran. Main part of desertification is depend of human and socio-economic condition of society this area. The aim of this research is investigation of socio-economic factor on Miyandehi desertification in this research ESAs method used to analysis current desertification at the area under study. For this purpose first, map unit as a base map prepared to find score of each index. And then to do field work and given score to four main parameters on the buses of base table. According to obtained results from this research from the total area under study 49.38 percent belongs to critical condition with low intensity (C1), 27.7 percent at critical condition with medium intensity (C2), 21 percent at critical condition with high intensity (C3) and also 1.77 percent belongs to very high critical condition with very high intensity. Method of this study is applied research used to identify socio-economic process. Necessary data collected by field work laboratory and questionably forms. For this purpose effect direct and indirect of socio-economic problems (poverty) on desertification have been investigated. The results show that in the study area between two factors: population growth rates and lower income levels are associated with desertification.

Keywords: desertification, socio-economic factors, Miyandehi, poverty.



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