

The Analysis of Land-Use Changes in the Past Two Decades in Fuman

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This study was analyzes trends in land use/land cover changes over the past two decades in Fuman. The aim of the current study is to identify the land use change areas, determine the effective internal and external factors and provide necessary strategies for land-use changes in the city of Fuman. It is a descriptive and analytical study and uses library studies and documentary method. The growing popularity of cities has played a significant role in the physical expansion and land use changes in the margins of the cities. The population of Fuman has grown about 27,790 people in 2006 to 30,608,000 in 2011 and to 35,841 in 2016. This has led to an increase in the population and the area of the city, the physical development of the city, and subsequently, the change in land-use of the city and the construction of these lands. Field and documentary studies indicated that the main land-use changes in Fuman are located in the northwest of Allameh Tabatabai (the Some' Sara road), the southwest (Masouleh road), the northern district of Imam Street, and the Pasdaran Square toward the Transit road (bridge under construction), as well as the southern part of the Yadavaran street on the Rudkhan Castle road, respectively. The principle reasons for these changes has been tourist dimension. In these areas there is mainly restaurant, deli, traditional cookie bake shop, apartment hotel and motel. Mostly commercial activities are carried out in the street of Imam the entrance to the city. Also, in recent years, there has been a lot of land-use changes around the Shahid Shakouri Pass that most passengers and tourists pass through this route to visit the Masouleh and Rudkhan Castle, which is why this part of the city has changed residential into commercial use. Satellite imagery showed that the highest increase in the land-use change occurred in residential areas and barren lands, and the most slowly changing trend was found in rice fields and gardens between 2000 and 2017. In fact, there are several factors that have affected the land-use change in Fuman, which among them, may be mentioned to increase in urban population, the migration of villagers to the city, the integration of some villages into the city and the tourist

attractions of the city.

Keywords : Trend, Land-Use Change, City, Fuman

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