URBAN POPULATION GROWTH MONITORING AND LAND USE CLASSIFICATION BY USING GIS AND REMOTE SENSING TECHNIQUES: ACASE STUDY OF FAISALABAD CITY

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ABSTRACT

In light of rapid global urbanization, monitoring and mapping of urban and population growth is of great importance. The investigation of various attributes of demography plays a vital role in social and economic profiling of the city. To realize the forthcoming policy levers to manipulate the future size, structure and distribution of population, it is essential to understand factors responsible for population dynamics. Moreover, to study the demographic aspects and knowledge about the dual population size of Faisalabad city contributes a tremendous part in future urban planning of the city. Identification and Analysis about the population growth of Faisalabad city can also be productive in effective infrastructural & urban planning. The Population study endorses planners to design the better strategies for future planning. Consequently, population aspects with all their perspective marked deep effects on society. The study of urban population growth in Faisalabad city reveals the total number of city dwellers simultaneously demonstrates the development of urban clusters from the last 20 years.

Keywords: Faisalabad City, GIS and Remote Sensing, Growth Monitoring, Spatial Analysis, Urban Population