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ANALYSIS OF DEMOGRAPHIC CHANGE AND PROXIMITY OF SETTLEMENTS ALONG THE MYSORE-BANGALORE CORRIDOR REGION USING GIS TECHNIQUES

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ABSTRACT

Study has been conducted to analyze the demographic change and proximity of the villages located on the Mysore and Bangalore corridor, for the three decade of 1991 and 2011. The existing village wise population percentage of decadal growth and changes in the proximity from the two cities has been analysed. The result shows that most of the villages in the study area have between 0 to 5000 inhabitants. Notably, the range between 500 – 2000 people is higher than any other class, while excessive numbers of people are very few in cities such as Bangalore, Mysore, Mandya, Channapattana and Ramanagaram. The result of decadal changes shows that negative population growth and higher positive growth in villages is increasing, while lower population growth rate villages with no change are decreasing. The results of villages' proximity to cities show that the population of villages near to the cities have increased while a decrease can be noticed away from the cities.

KEYWORDS: population change, spatio-temporal, urbanization, GIS, decadal growth.