

Studying the effect of mixed urban uses on the travel behavior of citizens

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ABSTRACT:

The rapid development of urbanism, industry and automobile caused non-harmonic urban growth, air pollution, heavy traffics, accidents, and increasing time of travel. Lack of suitable applications of transportation exacerbated these issues. In this direction, the most important goal of urban transportation planning is to encourage citizens for using other vehicles. Mixed urban uses are very effective on the travel behavior of citizens. The increasing distance between source and destination of the travel and separation of industrial areas have increased financial costs and time of travel. Planning and designing residential environments based on increasing mixed uses and the connection between residential place and activities related to it have increased non-motor travels, reduced time, distance and energy consumption. The present paper aims to determine factors affecting travel behavior of citizens about mixed urban uses. The research showed that there is a significant relationship between mixed urban uses and travel of citizens inside the city.

Keywords:

Mixed use, Travel behavior, Automobile ownership