

Importance of Road Infrastructure on the People Live in Afghanistan

Authors : Mursal Ibrahim Zada

Abstract : Since 2001, the new Government of Afghanistan has put the improvement of transportation in rural area as one of the key issues for the development of the country. Since then, about 17,000 km of rural roads were planned to be constructed in the entire country. This thesis will assess the impact of rural road improvement on the development of rural communities and housing facilities. Specifically, this study aims to show that the improved road has leads to an improvement in the community, which in turn has a positive effect on the lives of rural people. To obtain this goal, a questionnaire survey was conducted in March 2015 to the residents of four different districts of Kabul province, Afghanistan, where the road projects were constructed in recent years. The collected data was analyzed using on a regression analysis considering different factors such as land price, waiting time at the station, travel time to the city, number of employed family members and so on. Three models are developed to demonstrate the relationship between different factors before and after the improvement of rural transportation. The results showed a significant change positively in the value of land price and housing facilities, travel time to the city, waiting time at the station, number of employed family members, fare per trip to the city, and number of trips to the city per month after the pavement of the road. The results indicated that the improvement of transportation has a significant impact on the improvement of the community in different parts, especially on the price of land and housing facility and travel time to the city.

Keywords : accessibility, Afghanistan, housing facility, rural area, land price

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