

University Students' Perception on Public Transit in Dhaka City

Authors : Mosabbir Pasha, Iraj Mahmud Chowdhury, M. A. Afrahim Bhuiyann

Abstract : With the increasing population and intensive land use, huge traffic demand is generating worldwide both in developing and developed countries. As a developing country, Bangladesh is also facing the same problem in recent years by producing huge numbers of daily trips. As a matter of fact, extensive traffic demand is increasing day by day. Also, transport system in Dhaka is heterogeneous, reflecting the heterogeneity in the socio-economic and land use patterns. As a matter of fact, trips produced here are for different purposes such as work, business, educational etc. Due to the significant concentration of educational institutions a large share of the trips are generated by educational purpose. And one of the major percentages of educational trips is produced by university going students and most of them are travelled by car, bus, train, taxi, rickshaw etc. The aim of the study was to find out the university students' perception on public transit ridership. A survey was conducted among 330 students from eight different universities. It was found out that 26% of the trips produced by university going students are travelled by public bus service and only 5% are by train. Percentage of car share is 16% and 12% of the trips are travelled by private taxi. From the study, it has been found that more than 42 percent student's family resides outside of Dhaka, eventually they prefer bus instead of other options. Again those who chose to walk most of the time, of them, over 40 percent students' family reside outside of Dhaka and of them over 85 percent students have a tendency to live in a mess. They generally choose a neighboring location to their respective university so that they can reach their destination by walk. On the other hand, those who travel by car 80 percent of their family reside inside Dhaka. The study also revealed that the most important reason that restricts students not to use public transit is poor service. Negative attitudes such as discomfort, uneasiness in using public transit also reduces the usage of public transit. The poor waiting area is another major cause of not using public transit. Insufficient security also plays a significant role in not using public transit. On the contrary, the fare is not a problem for students those who use public transit as a mode of transportation. Students also think stations are not far away from their home or institution and they do not need to wait long for the buses or trains. It was also found accessibility to public transit is moderate.

Keywords : traffic demand, fare, poor service, public transit ridership

Conference Title : ICAUDT 2015 : International Conference on Advanced Urban Designing and Transportation

Conference Location : Istanbul, Türkiye

Conference Dates : October 26-27, 2015