عنوان مقاله:
Road Category wise Use of Modes in Guwahati, Assam

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خلاصه مقاله:
All types of modes are normally operated in the Indian urban roads more so in the small and medium sized cities. But the use of a particular mode varies within the category of roads in an urban area. The road networks in of the urban areas are normally irregular, unplanned, narrow and congested. Many a times, the conventional transit service- the city bus, can not operate through these narrow and irregular street. The small size paratransit vehicles and automobiles can easily operate through these street systems. The city buses are normally operated through the arterial roads and paratransit vehicles are used to serve the local streets. An attempt has been made in this paper to find the differential use of various modes in different category of roads in Guwahati city. Guwahati, the nodal city of North Eastern region of India has been selected as a study area. The road network is divided into two broad categories – arterial and local. Modal split survey and vehicular occupancy survey have been conducted in different location of the city. The differential use of various modes available in different types of roads has been obtained. The findings may be utilised by urban planner, transportation planner and traffic engineers for the future urban transportation planning of the city or a similar city.

کلمات کلیدی:
Paratransit, Modal Split, Vehicular Occupancy, Arterial Roads, Local Streets

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