

An Examination on the Link between the Structure Sri Lankan Towns and Three Wheelers Special Reference to the Present Context of Homagama

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Three-wheelers can be identified as one of the most common and convenient transport modes in Sri Lanka due to its effective and door to door transport service. On the other hand, number of three-wheeler population is gradually increasing in Sri Lanka. As a result, a remarkable number of three-wheel parks and speedy movement patterns of three-wheelers can be seen in Sri Lankan towns. Therefore, this research explores the link between the town structure and the three-wheeler parks and its movement patterns in the existing context of Homagama. In order to achieve the research objective, GIS technical maps, movement pattern maps, sections, field observations and questioners were used.

The analysis of data in this research reveals that there is a strong link between town structure and three-wheeler parks and its movement patterns. Furthermore, the research explores that three-wheel parks attempt to arrange their parking locations based on nodes and they depend on the other elements of town structure (landmarks, districts/land use clusters, activity clusters, edges, and paths). As well as it illustrates three-wheeler movement patterns determine by the alternative roads of the specific context. This research analysis causes to gain the attention of the policy makers to plan the city while identifying the hidden links of the town structure.

Keywords: *Town structure, three-wheeler, Three-wheel parks, Three-wheeler movement pattern.*

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