

A Review of international literature to find out methods to identify Conurbation characteristics in Sri Lanka

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Abstract

Conurbation is the process of expanding the geographical regions of the cities in mega scale with parallel to the economic development of the country. The rapid increase of the population, technological advancement and industry development are critical factors that affect the socio-economic of country and in this process multiple metropolitan areas are expanding to urban regions that function in at least some respects as integrated urban entities. Conurbation is not a process that limited to the Sri Lanka. In worldwide the population are increasing, the cities are expanding, and the conurbations are occurring. In context Sri Lanka cities are expanding gradually with the time. But it is not visible directly to the authorities until it reaches to the peak of the conurbation. Expanding the cities without prior proper planning of city infrastructure may cause to the various problems in social, health and economical aspects. The objective of the research is to do a comprehensive reviewing of existing literatures to find different methodologies practice globally to measure the city expansion and the conurbation and identify the suitable methods to apply for conurbation characteristics measurement in Sri Lanka. The review was conducted by referencing to the 10 research publications and 5 methodologies to find out best suitable methods were concluded in the research. This analysis identified that the most suitable methods for Asian countries and for Sri Lanka.

Key words - Conurbation, Socio-Economic, Methodologies