

Thesis title:

Development of an Improved Criteria to Evaluate Accessibility to Public Bus Transport Systems in a Sustainable Perspective

Abstract:

Taking into consideration the concept of sustainability, sustainable transportation and accessibility with the measures available, the requirement for a new measure to assess accessibility especially with a more quantitative shade is identified. The study focusses on developing a criterion (an index) to measure accessibility to public bus transport systems incorporating a sustainable approach. The index is developed with the objective of individual performance of a city and comparison of cities at a given point of time with the measured value. The objectives of the research mainly revolve in the identification of transport related SDG targets that are related to accessibility in the context of sustainable transportation, study of current methods in evaluating SDG targets and sustainable transportation, corresponding indicators and shortcomings of the methods related to evaluating accessibility and the development of an improved criteria to evaluate accessibility to public bus transport systems in a sustainable perspective..