

Exploring the impact of on-street parking in Chittagong City, Bangladesh

Mohammad Ali Haider^{1*}, Md. Taufiqul Islam², Syed Mahadi Hasan³

¹ *Integrated Science of Built Environment, Faculty of Architecture and Planning, Thammasat University, Rangsit Center, Thailand and Associate Professor, Department of Geography and Environmental Studies, University of Chittagong, Chittagong -4331, Bangladesh.*

^{2,3} *Department of Geography and Environmental Studies, University of Chittagong, Chittagong -4331, Bangladesh.*

* Corresponding author e-mail: haiderges75@cu.ac.bd

Received: 10 Nov 2020; Revised from: 11 Jan 2021; Accepted: 3 Feb 2021

Print-ISSN: 2228-9135, Electronic-ISSN: 2258-9194, doi: 10.14456/built.2021.....

Abstract

Urban mobility and on-street parking management is a vital challenge in the big cities of developing countries like Chittagong City of Bangladesh. This research explored the on-street vehicle parking situation and its impact on the city dwellers in Chittagong City. Primary and secondary data were processed through descriptive and analytical statistics. The study found that there were very few parking facilities and unplanned urban management for the parking spaces are the main reasons for on-street parking. As an effect, severe traffic congestion, the road gets narrower and the footpath crisis is very common and the drivers are unsatisfied when they drive their vehicles. Passengers are suffering from public transport scarcity transport and women, who cannot avail of overcrowding vehicles and try to avoid it to save from physical harassment. Street neighborhood residents are also the victim of noise pollution, air pollution, accident, and blocked off their business as well as overcrowded people. The tendencies of a rule violation, lack of proper administrative monitoring are the vital reasons behind it. Hence, further investigation and a structural policy are needed to formulate by the city authorities to overcome this situation.

Keywords: On-street Parking effects, Passengers, Neighborhood residents, Driver, On-street Parking Management