Analysing Driver Behavior and impact of Traffic Safety Culture and Socioeconomic factors on Dubai Road Safety





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Research Abstract

This research study aims to investigate the impact of traffic safety culture and socioeconomic factors on unsafe behavior of Dubai based drivers. The values, beliefs, perceived norms and attitudes vary at individual, group, city and country level. The assessment of prevailing traffic safety climate within transportation companies and Dubai based general driving population will offer valuable insights related to key determinants of unsafe driver behavior. The research findings can be used to design evidence-based road safety interventions. The study will be very useful in creating policies for workplace road safety, and contributing to road safety efforts of Dubai Government in particular and the Gulf countries in general to improve overall health and safety of the region.

Supervisors

Dr. Noor Zainab Habib and Prof. Guy Walker

Publications

Tanvir, S., Habib, N. Z., & Walker, G. H. (2019). A Qualitative Investigation of Professional Driver Behavior Due to Socio-Economic, Cultural, Religious Factors and Its Impact on Dubai Road Safety. In N. Stanton (Ed.), Advances in Human Aspects of Transportation: AHFE 2018 (pp. 764-775). (Advances in Intelligent Systems and Computing; Vol. 786). Springer. https://doi.org/10.1007/978-3-319-93885-1 70

Tanvir, S., Habib, N. Z., & Walker, G. H. (2020). Investigation of Dubai Tram Safety Challenges and Road User Behavior Through Tram Driver's Opinion Survey. In N. Stanton (Ed.), Advances in Human Factors of Transportation: AHFE 2019 (pp. 510-520). (Advances in Intelligent Systems and Computing; Vol. 964). Springer. https://doi.org/10.1007/978-3-030-20503-4 46