

Factors Influencing Motorcycle Accident on Road Safety in Moshi Municipality, Tanzania

By

**Maneno Francis Lyawatwa
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The overall purpose of this study was to assess the transport demands and its impact on road safety a case of Motorcycle in Moshi Municipality. Specifically, the study aimed at determining the pre-disposing variables of motorcycle accidents in Moshi Municipality; examining the current traffic laws put in place by the Tanzanian government to prevent Motorcycle accidents as well as examining the extent of motorcycle operations comply with the existing laws and regulations. The study had a sample size of 83 respondents where survey questionnaire and interview were used as data collection methods. Data were analysed by using descriptive statistics, multiple response and Likert scale. The study found that, poor infrastructure, negligence of drivers, respectively, overloading of vehicles, inadequacy of relevant laws, lack of road safety education and lack of road traffic signs were among predisposing variables of motorcycle accidents. Moreover, insurance and tax, carrying a single passenger, personal protective equipment, speed limits on roads, and license were mentioned as current traffic law to prevent motorcycle accidents. Also, it was found that, road rage and aggressive driving, ignoring wearing personal protective equipment, driving without license and carrying more than one passenger determined motorcycle operations compliance with the existing laws and regulations. The study concluded that, many road accidents are sometimes caused by vehicle overloading since overloaded vehicle tends to lose balance and stability leading to accident incidents. Adhering to the law of carrying one passenger may create a safety situation which puts passengers and other road users at safety situation from the accident. It is recommended that; it is important to make a formal commitment to promote effective road safety education so that appropriate behaviour is fostered from an early age.