POSTGRADUATE STUDENT WEBSITE PROFILE

Registration Number	W50/38882/2020
Level	MASTERS
Full Names	PATRICK MUTUKU MUTUA
Clear half body Photo (Not the face only)	
Student Short Biography (Max 250 words)	Engineer (Eng.) Patrick Mutuku Mutua holds a Bachelors degree in Civil Engineering from the University of Nairobi (UoN) and is a registered Professional Engineer with Engineers Board of Kenya, a Corporate Member of the Institution of Engineers of Kenya and an Associate Member of the Chartered Instituted of Arbitrators. As a career public servant in the Kenyan transport sector, Eng. Mutua has diverse experience spanning over twenty years in roads and streets engineering and construction. He has attended many training programs locally and abroad on strategic leadership development, urban transportation systems planning and development, projects and contract management among others. During his stint at the defunct City Council of Nairobi as Chief Assistant Engineer in the Estates and Development Control Section of the City Engineer's Department, he served as a member of the Town Planning Technical Committee and got

	endeared into issues pertaining urban planning programmes, their implementation and management. Eng. Mutua was also involved in the development of Konza Techno City where he actively participated in development of engineering guidelines for the smart city and initiation of the first major project for construction of Konza City Phase I integrated infrastructure, delivered through an EPC-F model. Ultimately, he pursued and successfully completed a masters degree in Urban Management at UoN to consolidate his extensive knowledge in urban matters. He has a bias in Urban Transportation matters, a core course unit among the course units covered and formed the base of his master's thesis subject matter.
Thesis / Project Title	PERFORMANCE OF PARK-AND-RIDE STATIONS IN NAIROBI METROPOLIS: A CASE STUDY OF ATHI RIVER AND SYOKIMAU RAILWAY STATIONS
Thesis / Project Abstract (Max 250 words)	Park and Ride facilities have the potential to promote use of mass transit systems. However, some factors can impede their successful performance. This study focused on performance of two Park and Ride Railway Stations in Nairobi Metropolis, Athi River and Syokimau. The key areas of focus to actualize the study entailed a conceptual framework with performance criteria to assess performance. A situational analysis on the existing legal and institutional framework governing the transport sector, urban land use planning and development in the study area were also examined to identify challenges and solutions in the operating environment. Quantitative and qualitative research methodologies were employed with data collected via questionnaires and interviews. The findings indicated that the land use character in the station influence area, operating trains schedules and speed and availability of other socio-economic facilities like convenience stores among others have a direct bearing on performance of park and ride stations. Recommendations to improve performance included reviewing operational schedules, introducing faster trains, reconfiguration of the planning concept and collaboration with stakeholders to transform the stations area, among others. The study also provided insights into other areas of further study like impacts of land use changes and transport development undertakings on existing Park and Ride facilities and economic appraisal of Park and Ride stations in Nairobi Metropolitan Area.
Student's Google scholar link	None
Other relevant academic links	https://*www.linkedin.com/in/patrick-mutua-4477b766/*
Research Supervisors	Dr. Ralwala Anthony Oduor & Caleb Mutali