



THE TECHNICAL UNIVERSITY OF KENYA

Haile Selassie Avenue, P.O. Box 52428, Nairobi, 00200, Tel +254(020) 343672, 2249974, 2251300, 341639

Fax 2219689, Email: vc@tukenya.ac.ke, Website: www.tukenya.ac.ke

NAME: MS CAROLINE MONGINA MATARA

Current Designation:	Tutorial Fellow, STRUCTURAL AND CONSTRUCTION ENGINEERING (DSCE)
Office Telephone:	+254(020) 2219929, 3341639, 3343672
Official Email:	carolinematara@tukenya.ac.ke
Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Master of Engineering (M.Eng)	TRAFFIC AND TRANSPORTATION ENGINEERING	SOUTHWEST JIAOTONG UNIVERSITY(China)	2018
Bachelor of Science (BSc)	CIVIL ENGINEERING	UNIVERSITY OF NAIROBI(Kenya)	2014
Certificate	RAILWAY ENGINEERING	DELFT UNIVERSITY OF TECHNOLOGY(The Netherlands)	2017
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	MARY MOUNT SEC SCHOOL(Kenya)	2007

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
Sep, 2018 - To Date	Nairobi Metropolitan Services Improvement Projects	Assistant Resident Engineer
Dec, 2018 - To Date	The Technical University of Kenya	Tutorial Fellow

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION YEAR	
Ensemble-based model selection for imbalanced data to investigate the contributing factors to multiple fatality road crashes in Ghana	View online	
Research on Railway Passenger Transportation Risks Evaluation using LEC and Grey System Theory	View online	
Hybrid feature selection-based machine learning Classification system for the prediction of injury severity in single and multiple-vehicle accidents	View online	