



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: PROF LEVI NG'ANG'A MBUGUA

Faculty:	Applied Sciences and Technology
School:	Mathematics and Actuarial Science
Department:	FINANCIAL AND ACTUARIAL MATHEMATICS
Current Designation:	Associate Professor, SCHOOL OF MATHEMATICS AND ACTUARIAL SCIENCE (SMAS)
Office Telephone:	+254(020) 2219929, 3341639, 3343672
Official Email:	lmbugua@tukenya.ac.ke
Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	Applied Statistics	Jomo Kenyatta University of Agriculture & Technology(Kenya)	2013
Masters of Science (M.Sc.)	Applied Statistics	University of Nairobi(Kenya)	2005
Bachelor of Education (B.Ed)	Bachelors of Science Education	Moi University(Kenya)	1997

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2012 - september 2014	Maasai Mara University	Lecturer
September 2014 - Continuing	Technical University of Kenya	Lecturer
2010 - 2011	Narok University College	Assistant Lecturer
1997 - 2010	Teacher Service Commission	Senior Graduate Assistant

SELECTED PUBLICATIONS

TITLE	LINK TO PULICATION
Model-based estimates of the cost of the universal free primary education in Kenya, East African Journal of Statistics. 1 (3) pp.307-316	.
Mbugua, L. Mwita P. and Mwalili, S (2011) Application of Nonparametric Methods in studying Energy consumption, Rwanda Journal (23), pp7-20	.
Levi Mbugua (2014) Modelling Energy Demand using Nonparametric and Extreme Value theory. Lambert Academic Publishing, Germany ISBN-13: 978-3-8484-4444-1	.
Mbugua Levi, Mwita P., Mwalili S. and Mhilu C. (2011). Statistical Models for Estimation of extreme daily rate of exchange in energy use. 2nd International Conference Mechanical and Industrial Engineering: Dar es Saalam University. pp179-185	.
Mbugua L. N. and P. N. Mwita (2013), Statistical Techniques for Modeling Extreme Price Dynamics in the Energy Market. International Conference on Mathematical Modelling and Physical Sciences IOP publishing Journal of Physics: Conference Series 410,012113	.
Mbugua L. N. and Mwita P. N. Mathematical Tools for Modeling Risk Measures in Energy Economic. Paper forwarded to Computation Science & Discovery (2013)	.
Apudo B. O., Mwita P. N., Mbugua L. N., Machuke G. W. (2014) An application of extreme value theory in Modelling Electricity Production in Kenya. Mathematical Theory & Modelling ISSN 2224-5804 (4)	.

POSTGRADUATE STUDENTS SUPERVISION

NAME	PROJECT TITLE	PERIOD
Agnes Munene	Ph. D in Finance	2014 - ongoing
Brian Omondi Apudo	Master of Science (Applied Statistics)	graduated 2014

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
Member	Kenya National Statistical Society