



# 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:	STATISTICS AND COMPUTATIONAL MATHEMATICS
Current Designation:	Associate Professor, STATISTICS AND COMPUTATIONAL MATHEMATICS (DSCM)
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 AND TECHNOLOGY(Kenya)	2013
Masters of Science (M.Sc.)	Social Statistics	University of Nairobi(Kenya)	2005
Bachelor of Education (B.Ed)	Arts	Moi University(Kenya)	1997
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	MWEA SECONDARY SCHOOL(Kenya)	1991
KCPE/Equivalent	KENYA CERTIFICATE OF PRIMARY EDUCATION	GATHIGIRIRI(Kenya)	1987

## 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 PUBLICATION	YEAR
Model-based estimates of the cost of the universal free primary education in Kenya, East African Journal of Statistics. 1 (3) pp.307-316	<a href="#">View online</a>	
Mbugua, L. Mwita P. and Mwalili, S (2011) Application of Nonparametric Methods in studying Energy consumption, Rwanda Journal (23), pp7-20	<a href="#">View online</a>	
Levi Mbugua (2014) Modelling Energy Demand using Nonparametric and Extreme Value theory. Lambert Academic Publishing, Germany ISBN-13: 978-3-8484-4444-1	<a href="#">View online</a>	
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	<a href="#">View online</a>	
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	<a href="#">View online</a>	
Mbugua L. N. and Mwita P. N. Mathematical Tools for Modeling Risk Measures in Energy Economic. Paper forwarded to Computation Science & Discovery (2013)	<a href="#">View online</a>	
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)	<a href="#">View online</a>	

## 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