

# 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: DR LYDIAH WANGECHI GACHAHI

Faculty:	Applied Sciences and Technology	
School:	PHYSICS AND EARTH SCIENCES	
Department:	GEOSCIENCE AND THE ENVIRONMENT	
Current Designation:	Lecturer, GEOSCIENCE AND THE ENVIRONMENT (DGSE)	
Office Telephone:	+254(020) 2219929, 3341639, 3343672	
Official Email:	lydia.gachahi@tukenya.ac.ke	
Consultation Hours:	8AM-5PM MON - FRI	



#### EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	ENVIRONMENTAL AND WATER SCIENCE	UNIVERSITY OF THE WESTERN CAPE(South Africa)	2017
Masters of Science (M.Sc.)	METEOROLOGY	UNIVERSITY OF NAIROBI(Kenya)	2007
Bachelor of Science (BSc)	METEOROLOGY	UNIVERSITY OF NAIROBI(Kenya)	2000
Diploma	EDUCATION	KENYA TECHNICAL TEACHERS COLLEGE(Kenya)	1988
A Level/Equivalent	KENYA ADVANCED CERTIFICATE OF EDUCATION	ICATE OF KANGARU SECONDARY SCHOOL(Kenya)	
O level/Equivalent	KENYA CERTIFICATE OF EDUCATION	NGIRIAMBU GIRLS HIGH SCHOOL(Kenya)	1983

### WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
May 1989 - JULY 2009	kenyan secondary schools	science teacher
2007 - 2009	KENYA POLYTECHNIC	LECTURER

## GENERAL STATEMENT ON RESEARCH AREAS

meteorology, climate and sciences

### SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
1. Surface urban heat island in Kenyan cities; a case of Nairobi city; Journal of International Academic Research for Multidisplinary (JIARM) Vol. 6, issue2, March 2018 2. Diagnosis of extreme value distribution of rainfall in selected urban areas in Kenya; Journal of Climate and Sustainability (JCCS), Vol.1, issue 2, pp 82-94, April 2018 3. Rainfall characteristics of an urban location under changing global climate; Journal of International Academic Research for Multidisplinary (JIARM), Vol. 6, issue 4, May 2018	View online	