



CURRICULUM VITAE

NAME: Prof. ODJUGO Peter Akpodio gaga-a Ovuyo vwiroye
Professor of Geography (Climatology)

DATE OF BIRTH: 13th February, 1964
PLACE OF BIRTH: Okpara Inland
L.G.A. OF ORIGIN: Ethiope East
STATE OF ORIGIN: Delta State
COUNTRY: Nigeria
MARITAL STATUS: Married with Children

SCHOOLS ATTENDED WITH QUALIFICATION

Urhuegbe Primary School, Okpara Inland, Delta State	Primary Six Leaving Certificate, 1977
James Welch Grammar School, Emevor, Delta State	School Certificate, 1984
Bendel State University (Now Ambrose Alli University), Ekpoma	B.Sc (Ed) Geography Science Education, 1989
University of Ibadan	M.Sc Geography (Climatology), 1992
University of Ibadan	Ph.D Geography (Climatology), 2003

OTHER QUALIFICATIONS

1. Certificate in Remote Sensing and Geographic Information Systems Applications, National Centre for Remote Sensing, Jos. 2007.
2. Certificate in Training in Remote Sensing and Geographic Information Systems Application for Sustainable Development, UNIBEN, Benin City, 2008.
3. Certificate in customized training in Geographic Information Systems for application in Climatology and Vegetation analysis. Regional Centre for Training in Aerospace Surveying (RECTAS), OAU, Ile Ife, 2010
4. Certificate in training in Introduction to Geographic Information Systems (GIS). National Space Research and Development Agency (NASRDA), Abuja, 2010.

WORKING EXPERIENCE:

1. Teacher MG (II): Delta State Post primary School Management Board (March-May, 1993)
2. Lecturer: College of Education, Agbor (June 1993 – September 1998)
Last Position Held (Lect. II).
3. Lecturer: University of Benin: Lect. I (October, 1998 - 2001).
Senior Lect. (October, 2001- 2006)
Associate Professor (October, 2006 -2010).
Full Professor (October, 2010)

4. **Director:** Meteorological Research and Training, Nigerian Meteorological Agency, Abuja, Nigeria (August 2017-Date)

CONTACT ADDRESS:

Director, Meteorological Research and Training
WMO Regional Meteorological Training Centre
Nigerian Meteorological Agency
3, Blind Centre Road,
Cappa, Oshodi, Lagos
o.odjugo@nimet.gov.ng, paodjugo@yahoo.com
+2348023718654, +2348038587116

Research Interest: Climate Change, Agro- and Hydro- Meteorology, Atmospheric and Environmental Quality Assessment, Recreation and Tourism

ORGANISATIONS:

Member;

1. Association of Nigerian Geographers (NGA), Council Member, National
2. Nigerian Environmental Society (NES), Council Member, Edo State
3. Nigerian Meteorological Society (NMetS), Council Member, National

PUBLICATIONS:

B.Sc Project

Analysis of Recreation and Tourism Activities in Ethiope Local Government Area of Bendel State, Nigeria (1989)

M.Sc. Project.

Housing Types and Physiologic Comfort in Warri, Delta State (1992).

Ph.D. Thesis

An Analysis of the Effectiveness of Traditional Techniques of On-farm Microclimate Improvement in Mid-Western Nigeria (2003)

Published Articles in Journals

1. Odjugo P.A.O. (1997). Pattern of Recreation Participation and Preference in Delta State. *Physical Health Education and Recreation Journal*. Vol.7 (1) Pp1-8..
2. Odjugo P.A.O. (1999). Climatological Implications of Environmental Degradation on Sustainable Human Development. *GeoResearch Journal* Vol.3 Pp52-60.
3. Odjugo P.A.O. (2000). Global Warming and Human Health: Current and Projected Effects. *Environmental Analar* No. 5 :428-449.
4. Odjugo P.A.O. (2000). The Impacts of Building Structure, Materials and Orientation on Indoor Thermal Comfort in Warri, Delta State. *Inter. Jour. of Urban and Regional Affairs*. 4(1): 1-10.
5. Odjugo P.A.O. (2000). Greenhouse Gas Emission and Reduction Techniques. *Inter. Journal of Environment and Development*. 4(2): 49-60.
6. Odjugo P.A.O. and G. O. Atedhor (2001). The Effects of Microclimate on the Growth and Yield of tomato. *GeoResearch* No.6: 36-43.

7. Odjugo P.A.O. (2000). The Impacts of Global Warming on Extreme Weather Conditions: Global and Local Evidences. *Asia Pacific Journal on Environment and Development (APJED)*, Vol.7 No.1.
8. Odjugo, P. A. O. (2001). Global Warming on Food Production: Global and Regional Analysis. *African Journal of Environmental Studies*. Vol. 2(2): 85-91
9. Odjugo, P. A. O. (2002) "The Impact of Population Growth on Deforestation and Climatic Conditions in Mid-Western Nigeria". *The Indonesian Journal of Geography* Vol. 34 (1-2). Indexed and abstracted.
10. Odjugo, P. A. O. and C.I. Ikhile (2002). Seasonal Variation and Environmental Impact of Polyethylene (Cellophane) Generation and Disposal in Benin City, Nigeria. *Benin Journal of Social Science* Vol. 10 & 11 (1-2): 12-20. Indexed and abstracted.
11. Odjugo, P. A. O. and I. A. Ikhuoria (2003) .The Impact of Climate Change and Anthropogenic Factors on Desertification in the Semi-Arid Region of Nigeria. *Global Journal of Environmental Sciences* Vol. 2(2): 118-126. Indexed and abstracted.
12. Odjugo, P.A.O. (2004). The Impact of Gas Flaring on Atmospheric Quality. The Case of Niger-Delta, Nigeria. *International Journal of Ecology and Environmental Dynamics* Vol 2: 12-33.
13. Odjugo, P.A. O. (2004). The Impact of Petroleum Oil Operations on Environmental Degradation in Delta State, Nigeria. *Knowledge Review* 9(1): 1-9.
14. Odjugo, P. A. O. and C.I. Ikhile (2004). The effects of Climatic Conditions and Tapping Time on the Yield of Rubber-*Havea*. *Tropical Agriculture*, Vol.81(1): 7-10. Indexed and abstracted.
15. Odjugo P.A.O. and G. O. Atedhor (2005) The Effects of Climate on Commercial Activities in Southern Nigeria. *Global Journal of Social Sciences*. Vol. 4(1&2):43-47. Indexed and abstracted.
16. Odjugo, P. A. O.(2005). An analysis of rainfall pattern in Nigeria. *Global Journal of Environmental Sciences*. Vol.4(2):139-146. Indexed and abstracted.
17. Odjugo, P. A. O.(2005). The impact of gas flaring on rainwater quality and human health in Delta State, Nigeria. *Knowledge Review*, 11(7): 38-45.
18. Odjugo, P. A. O.(2006) The Effect of Tillage Types on Microclimatic Condition and Yield of Inter-Cropped Vegetables in Midwestern Nigeria. (*Global Journal of Agricultural Sciences* 5 (1)), Indexed and abstracted.
19. Odjugo, P. A. O and D. E. Iweka. (2006) The Impact of Urbanization on microclimates: A case study of Benin City, Nigeria. *Journal of Environmental Sciences*, Vol 10(1):-80. Indexed and abstracted
20. Odjugo, P. A. O. (2007). The Effects of Tillage Systems and Mulching on Soil Microclimate, Growth and Yield of White Yam (*Dioscorea rotundata*) in Midwestern Nigeria. *Journal of Food, Agriculture and Environment* Vol. 5 (2). Indexed and abstracted.
21. Odjugo, P. A. O. (2007). The Effects of Gas Flaring on Microclimate of Yam and Cassava Production in Erhorike and Environs, Delta State, Nigeria. *Nigerian Geographical Journal*.) Indexed .
22. Odjugo P. A. O. and Ogeah, F. N. (2007). Analysis of the impact of socio-

- economic factors on tourism participation in Nigeria. *Journal of Environmental Sciences*, 11(2). Indexed and abstracted
23. Odjugo, P. A. O. (2007). The Impact of Climate Change on Water Resources: Global and Regional Analysis. *The Indonesian Journal of Geography Vol. 39 (23-41)*. Indexed and abstracted.
 24. Odjugo, P. A. O. (2008). The impact of tillage systems on soil microclimate, growth and yield cassava (*manihot utilisima*) in Midwestern Nigeria. *African Journal of Agricultural Research*.3(3):225-233. Indexed and abstracted.
 25. Odjugo, P. A. O. and Konyeme, J. E. (2008). The impact of urban environment and seasonality on the quality of Ikpoba River in Benin City, Nigeria. *Journal of Food, Agriculture and Environment*. 5(2): 164-169. Indexed and abstracted..
 26. Odjugo, P. A. O. (2008). Climate impact on tourism participation in Nigeria. *Journal of Research in Tourism*. 2: 52-64.
 27. Odjugo, P. A. O. (2008). The effect of tillage systems and mulching on soil microclimate, growth and yield of yellow yam (*Dioscorea cayenensis*) in Midwestern Nigeria. *Journal of Biotechnology* 7(24):4500-4507 Indexed and abstracted.
 28. Odjugo, P. A. O. and Osemwenkhae (2009). Natural Gas Flaring Affects Microclimate and Reduces Maize (*Zea mays* L) Yield. *International Journal of Agriculture and Biology* 11:408-412. Indexed and abstracted.
 29. Odjugo, P. A. O. (2009). Analysis of some effects of climate change in Nigeria. *Journal of Nigerian Environmental Society*. 5(1): 117- 129.
 30. Odjugo, P. A. O. (2009). The effects of tillage types on the yield of fluted pumpkin in Midwestern Nigeria. *Journal of Agriculture, Biotechnology and Ecology*, Indexed, abstracted.
 31. Odjugo, P. A. O.(2009) Quantifying the cost of climate change impact in Nigeria: Emphasis on wind and rainstorm. *Journal of Human Ecology*, 28(2): 93-101. Indexed and abstracted.
 32. Odjugo, P. A. O. (2010). General Overview OF Climate Change Impacts in Nigeria. *Journal of Human Ecology* 29(1): 47-55 Indexed and abstracted.
 33. Odjugo, P. A. O. (2010). Regional evidence of climate change in Nigeria. *Journal of Geography and Regional Planning* Vol. 3(6), pp. 142-150. Indexed, abstracted.
 34. Odjugo, P. A. O.(2010). Shift in crops production as a means of adaptation to climate change in the Semi-arid region of Nigeria. *Journal of Meteorology and Climate Science, Vol 8 (1):1-6*. Indexed and abstracted
 35. Odjugo, P. A. O. (2010). Climate impact on tourism participation in Nigeria. *Journal of Development and Society* 2 (1): 23-31.
 36. Godwin O. A, Odjugo, P. A. O. and Uriri A. E. (2011). Changing rainfall and anthropogenic-induced flooding: Impacts and adaptation strategies in Benin City, Nigeria. *Journal of Geography and Regional Planning* 4(1): 42-52. Indexed and abstracted.
 37. Odjugo, P. A. O. (2011). Climate change and global warming: the Nigerian Perspective. *Journal of "Sustainable Development and Environmental Protection" (1):1-17*. Indexed and abstracted.

38. Odjugo, P. A. O. (2011). The impact of natural gas flaring on microclimate and yield of melon (*Citrullus Lanatus*) in the Niger Delta Region of Nigeria. *Ife Research Publications in Geography*.10(1): 164-172.
39. Odjugo P. A. O 2012. Valuing the cost of environmental degradation in the face of changing climate: Emphasis on flood and erosion in Benin City, Nigeria. *African Journal of Environmental Science and Technology* Vol. 6(1): 17-27. Indexed and abstracted.
- 40 Odjugo, P. A. O. 2012. Global natural disasters and their implications on human sustainability. *Journal of Sustainable Development and Environmental Protection* 2(1). Indexed and abstracted.
41. Atedhor, G. O. And Odjugo, P. A. O. (2012). Rainfall dynamics and drought intensities in North-Western Nigeria. *Benin Journal of Social Sciences*. 20(1): 116-127.
42. Ogeah F. N. and Odjugo, P. A. O. (2012). Local people's perception and awareness of open spaces in Benin City, Edo State, Nigeria. *Nigerian Geographical Journal* 8(1): 60-79. Indexed.
43. Atedhor, G. O. And Odjugo, P. A. O. (2012). Growth and yield response of Okra (*Abelmoschus Esculenus*) to microclimatic modifications in Benin City. *Nigerian Geographical Journal* 8(1):148-161. Indexed
44. Odjugo, P. A. O. (2013). Analysis of Climate Change Awareness in Nigeria. *Journal of Scientific Research and Essays*, 8(26):1203-1211. Indexed and abstracted.
45. Odjugo, P. A. O.; Enaruvbe G; and Irabor H (2015). Geospatial Approach to Spatio-Temporal Pattern Of Urban Growth In Benin City, Nigeria. *African Journal of Environmental Science and Technology*.9(3):166-175. Indexed and Abstracted
46. Orobator, P. O. and Odjugo, P. A. O.(2015) Influence of Parent Materials and Land Use on Exchangeable Cations in a Tropical Environment. *Journal of Geography, Environment and Earth Science International* 3(4): 1-12, 2015. Indexed and Abstracted

Published Chapters in Book

47. Odjugo P.A.O. (1997). Climate and Naturally Induced Accidents in Delta State: in Dr. Omofonmwan, S. I.; and Prof. Folarin, B. A. *Human Behaviour and Accident*. University of Lagos. Environment and Behaviour Association of Nigeria. Chapter.15.Pp. 105-110.
48. Odjugo, P. A. O. (2005). The impact of gas flaring on rainfall water quality in Erhorike, Delta State: In Ikelegbe A. (Ed). *Oil, Environment and Resource conflicts in Nigeria.*, Pp 15-25. LITVERLEG GmbH & Co. KG Wien.
49. Odjugo P.A.O. (2011). Urbanization impact on climate variation: The case of Warri, Delta State, Nigeria: In Okafor F. C (Ed). *Critical Issues on Nigeria's Development; Environment, Economy and Social Justice: Book in Honour of Professor Emeritus Andrew G. Onokerhoraye*.
50. Odjugo, P. A. O. Global and regional realities of climate change. A Book Chapter in Honour of Professor Muoghalu M, Nnamdi Azikewe University, Awka. (Nigeria).
51. Odjugo, P. A. O. (2011). Climate change: Evidence, impacts and adaptation

strategies in Nigeria: In Salami A.T. and Orimoogunje. *Environmental Research and Challenges of Sustainable Development in Nigeria*. Ile-Ife. Obafemi Awolowo University Press. Pp. 142-164. Pp551-570. Book in Honour of Professor Ekenade.

Monographs

52. Odjugo, P. A. O (2012). Perception of climate change in Niger Delta, Nigeria. A Monograph with the Centre for Population and Environmental Development (CPED), BDPA Shopping Complex, Ugbowo, Benin City.
53. Odjugo, P. A. O. (2018). The political economy of plastic pollution in Nigeria. A paper delivered at the World Environmental Day, organized by the Faculty of Environmental Sciences, Nnamdi Azikiwe University, Awka, on the 5th June, 2018.

Conference Proceedings

53. Odjugo, P. A. O.(2009). Global and regional analysis of the causes and rate of climate Change, A Paper delivered at the held at the Department of Geography, University of Nsukka, Nsukka, Nigeria, 29th June – 2nd July, 2009.
55. Odjugo, P. A. O. (2012). Impacts of climate change on human health. Proceedings of the 2012 Annual Conference on Climate Change and Variability: Saving our tomorrow today, held at the University of Benin, Benin City 5-9th November, 2012.
56. Fodeke V. And Odjugo, P. A. O.(2012). Business opportunities in Climate change and environmental management in Nigeria. Proceedings of the 2012 Annual Conference on Climate Change and Variability: Saving our tomorrow today, held at the University of Benin, Benin City 5-9th November, 2012.
57. Odjugo, P. A. O. (2012). Natural Disaster: Global and Regional Analysis. A paper presented at the Workshop/Annual Conference on Geo-spatial Technologies and Digital Cartography for National Security, Tourism and Disaster Management, held at the Regional Centre for training in Aerospace Surveys (RECTAS), OAU, Ile Ife, 19th -24th November, 2012
58. Odjugo, P. A. O. and Akintayo T (2014). Geospatial analysis of groundwater producing zones for sustainable commercial water supply in Kaduna Metropolis, Kaduna State, Nigeria. Proceedings of the 2014 Nigerian Meteorological Society (NMetS) Conference on Climate Change and Sustainable Development held at Benue State University, Makurdi, on the 9th -12th November, 2014. Pp. 282-289.

Papers Presented in Conferences and Workshops

59. Odjugo, P. A. O. (2012). Powering Our Future with Weather, Climate and Water. Paper presented at the 2012 World Meteorological Day, Held at the Nigerian Meteorological Agency, Lagos, 23rd March, 2012.
60. Odjugo, P. A. O. and Osirike A. B. (2013). Population increase, physical expansion and climate change in Benin City, Nigeria. Paper presented at CC POP-Ghana 2013, RIPS Climate change conference on Climate Change Risks and Development at Crossroads-Sharing Lessons, Held at the Regional Institute for Population Studies, University of Ghana, Legon, Ghana, 3rd-7th June, 2013.
61. Odjugo, P. A. O. (2013). The Role of Agricultural Cooperative Society in Climate Change Adaptation in the Niger Delta, Nigeria. Paper presented at the 2013 Annual Conference of the Nigerian Meteorological Society on the theme “ Global

Climate Change: Lamentations and Leverages” Held at Reiz Continental Hotels, Abuja, Nigeria 1st -4th December, 2013.

62. Odjugo, P.A .O.(2017). Understanding the Clouds. Lead paper presented at the 2017 World Meteorological Day Celebration. Nnamdi Asikiwe University, Awka. Anambra State 23rd March, 2017.
63. Odjugo, P. A. O. (2017). The Impacts and Management Strategies of Hydrometeorological Disasters: A Global Perspective. Paper presented at the 2017 Annual Conference of the Nigerian Meteorological Society, held at the Enigu State University of Science and Technology, Enugu, 20-24th November, 2017.

(c) RECENT Conferences and Workshops Attended:

1. The 55th Annual conference of the Association of Nigerian Geographers. University of Maiduguri, held in UNIMAID Garden Park, Abuja April, 2014.
2. The 3rd International Climate Change and Population Conference on Africa, with the theme “Climate Change, Migration and Conflicts” held at the Centre for Population Studies, University of Ghana, Legon, Ghana, 22nd -26th July, 2014.
3. National Workshop on climate change and environmental degradation. Organised by the Centre for Population and Environmental Development (CPED) and the Centre for the Study of the Economies of Africa (CSEA), held at the Transcorp Hilton Hotel, Abuja 8th -9th September, 2014.
4. 2014 International Conference of the Nigerian Meteorological Society (NMetS) on Climate Change and Sustainable Development held at Benue State University, Makurdi, on the 9th -12th November, 2014.
5. The 56th Annual conference of the Association of Nigerian Geographers. Osun State University, Oshogbo. March 23-26, 2015.
6. The 4th International Climate Change and Population Conference on Africa, with the theme “Climate Change, Sustainable Innovation and Partnership held at the Noguchi Memorial Institute for Medical Research, University of Ghana, Legon, Ghana, 29th -31st July, 2015.
7. 1st International Conference on Deltas and Rivers in Africa on the theme “From Vulnerability to Sustainability, University of Port Harcourt, 14th -16th October, 2015.
8. The 57th Annual conference of the Association of Nigerian Geographers. University of Lagos, Lagos. 10-15th April, 2016.
9. International Conference and 30th Annual General Meeting of Nigerian Meteorological Society (NMetS) on “Climate Variability and Change: Impact, Science, Innovation and Policy” held at the Department of Water Resources Management and Agrometeorology, Federal University of Agriculture, Abeokuta. Ogun state, Nigeria on 21-24th November, 2016.

10. The 58th Annual conference of the Association of Nigerian Geographers. Nasarawa State University, Keffi, 12-17th March, 2017.
11. International Global Atmospheric Chemistry (IGAC) Africa Scoping Workshop, Knowledge Commons, Council for Scientific and Industrial Research (CSIR), Pretoria Campus, Meiring Naude Road, Brummeria, Pretoria, South Africa, 7-9th June, 2017.
12. Quality Management System (QMS) Awareness Training for Regional Meteorological Training Centre, held at the WMO Regional Training Centre, Oshodi, Lagos, 6-10th November, 2017
13. 2017 International Conference and 31st Annual General Meeting (AGM), of Nigerian Meteorological Society (Nmets). Climate Change and Environmental Resources Management Issues: "Emerging Trends and Challenges" held at the Department of Geography and Meteorology, Faculty of Environmental Science, Enugu State University of Science and Technology, (ESUT) on Monday 20th – Friday 24th November, 2017
14. International Civil Aviation Organization (ICAO) High Global Air Navigation Plan Workshop and Nigeria Dialogue Meeting held at NCAA Training Hall, Ikeja, Lagos, Nigeria, between 23-26th November, 2017.
15. SAWIDRA-WA Project Workshop and Directors Meeting on Meteorology and Disaster Management held at AGRHYMET Regional Center, Niamey (Niger) from 30 November to 1st December 2017.

SOME Projects Executed

1. Research Member, EIA of 69km Omoku – Egbema- Owerri 330kv DC Transmission line and associated substation facilities. For Federal Ministry of Power and Steel and National Integrated Power Project (NIPP) OSKA-JO & PARTNERS LTD. 2006
2. Research Member, EIA of 9km Guinness pipeline construction in Benin City. JAWARA Consults, Lagos. 2007.
3. Research Member, EIA of Warehouse extension of Guinness, Benin Depot, JAWARA Consult, Lagos. 2008.
4. Research Member, EIA of Oben flow station/flare site for SPDC. TobayJay Consult, Benin City, 2010.
5. Principal Investigator, Climate change impact, vulnerability and adaption in the Lowland and Wetland Areas of Delta State, Nigeria for Think Tank Initiative, IDRC, Canada., 2014.
6. South-South Geopolitical Zone Co-ordinator, National Small Arms and Light Weapons Survey Project, Ministry of Foreign Affairs, Abuja and Small Arms Surveys, Geneva, Switzerland, 2015-2016.

Other Activities Outside Regular University Work

Facilitator during the 2006 National Population Census

Other Activities Within Regular University and NIMET Work

1. Examination Officer (1999-2007)
2. Staff Adviser (1999-2010)
3. Chairman, Faculty Users Committee (Sept. 2004-2010)
4. Member Direct Teaching and Laboratory Cost Utilization Committee (2004-2014)
5. Member Review Panel On Rusticated and Expelled Students (Oct-Dec. 2004)
6. Departmental Representative Students Assessment of Lecturers Committee (August 2006)
7. Post Graduate Co-ordinator (2003-2010)
8. Diploma Co-ordinator (2003-2007)
9. Assistant Admission Officer, Faculty of Social Sciences (UAB), UNIBEN, Benin City. 2006-2007.
10. Admission Officer, Faculty of Social Sciences (UAB), UNIBEN, Benin City. 2007-2010.
11. Head of Department, Geography and Regional Planning, UNIBEN, Benin City. 2010- 2012
12. Head of Department, Photogrammetry and Remote Sensing, RECTAS, OAU, Ile-Ife 2012-2013.
13. Member, Students' Disciplinary Committee, UNIBEN, Benin City, 2016-Date.
14. Chairman, Faculty of Social Sciences Lecture series Committee, UNIBEN, Benin City 2016-Date
15. Member, Committee on Taskforce on Pedagogical Issues, 2017- Date
16. Member, CGE Nigeria Planning Committee, 2017- Date
17. Chairman, committee on Strategic and Development Plan of RMTTC, Oshodi-2018
18. WMO Education and Training National Focal Point for Nigeria- 2018

External Examination to:

- a. Ahmadu Bello University, Zaria. PG Programme 2010-2012.
- b. Abia State University, Uturu. Undergraduate and PG Programmes 2012-2015.
- c. Nnamdi Azikiwe University, Awka. Undergraduate and PG Programmes, 2013-2017.
- d. Federal University of Technology, Minna, Undergraduate and PG Programmes 2013-2015.
- e. Niger Delta University, Wilberforce Island, Amasoma, Undergraduate 2013-2016.
- f. Imo State University, Owerri, PG Programmes 2012-2014.
- g. University of Nigeria, Nsukka, Undergraduate and PG Programmes 2013-Date.
- h. Ambrose Alli University, Ekpoma, Undergraduate, 2015-Date.
- i. University of Port Harcourt, Port Harcourt, Undergraduate and PG Programmes 2016-Date
- j. University of Ibadan, Ibadan, Post graduate 2017- Date
- k. Usmanu Dan Fodio University, Sokoto, Post graduate programme 2018.

External Assessors (Reader and Full Professor) to:

- a. College of Education, Agbor 2010-2016
- b. Ahmadu Bello University, Zaria 2011.
- c. Kano State University of Science and Technology, Wudil. 2011-2012, 2017
- d. Obafemi Awolowo University, Ile-Ife. 2013.
- e. Nnamdi Azikiwe University, Awka. 2014-2017
- f. University of Port Harcourt, Port Harcourt, Nigeria, 2014
- g. Ekiti State University, Ado – Ekiti, 2015.
- h. Ambrose Alli University, Ekpoma, 2015, 2017

- i. University of Abuja, 2016
- j. NISER, Ibadan 2016
- k. Benue State University, Makurdi, 2017.
- l. Federal University, Dutsin-Ma, 2017

Referees

Prof. Sani A. Mashi, Director General and Chief Executive, Nigerian Meteorological Agency, Nnamdi Azikiwe International Airport Abuja, Nigeria. +2348036066564

Prof. Emeritus A. G. Onokerhoraye. Dept. of Geography and Regional Planning, University of Benin. Benin City, Edo State, Nigeria. +2348023346647

Prof. J. O. Ayoade. Dept. of Geography, University of Ibadan, Ibadan, Oyo State, Nigeria. +2348023525986

10/06/2018



CURRICULUM VITAE

1. PERSONAL DATA

NAME:	Dr. BAKO Mansur Matazu
SEX:	Male
DATE OF BIRTH:	8 th January, 1974
PLACE OF BIRTH:	Matazu, Katsina State, Nigeria
NATIONALITY:	Nigerian
STATE OF ORIGIN:	Katsina
LOCAL GOVERNMENT AREA:	Matazu
MARITAL STATUS:	Married
NUMBER OF CHILDREN	Three (3)
LANGUAGES SPOKEN:	Hausa, Fulfulde, English
PERMANENT HOME ADDRESS:	No. A. 183, Behind Karmatako, Matazu, Matazu Local Government, Katsina State, Nigeria
CORRESPONDENCE ADDRESS:	Directorate of Research & Training National Weather Forecasting & Climate Research Centre. Abuja, Nigeria Nigerian Meteorological Agency (NiMet) Telephone (Mobile): (0) +234 8025507129, (0) +234 8136579287 b.matazu@ni met.gov.ng
E – Mail:	
PRESENT RANK:	Assistant General Manager (Research & Training) Grade Level 15/ Step 06

2. EDUCATIONAL INSTITUTIONS ATTENDED/QUALIFICATIONS

S/NO	INSTITUTIONS ATTENDED	DATES	QUALIFICATIONS
1.	Aliyu Primary School, Malumfashi	1980- 1986	Prim Sch leaving Certificate
2.	Barewa College, Zaria, Nigeria	1987 – 1993	SSCE Certificate
3.	Bayero University, Kano, Nigeria	1994 – 1999	B.Sc. Geography
4.	Federal University of Technology, Minna	2001 – 2003	M.Tech Meteorology (Distinction)
5.	Erasmus University, (IHS), Netherlands	2012	PGD in Urban Management Tools for Climate Change (Distinction)
6.	Federal University of Technology, Minna	2007 – 2012	Ph.D in Applied Meteorology
7.	Erasmus University, (IHS), Netherlands	Jan-July, 2013	Certificate in Social Housing Projects
8.	Ahmadu University Bello University, Zaria	Feb, 2015	Professional Diploma in Education

3. WORK EXPERIENCE/CAREER PROGRESSION

S/NO	NAME OF ORGANIZATION	DATES	POSITIONS HELD/ RANK
1.	Isa Kaita College of Education, Dutsin-ma, Nigeria	2002 – 2004	Lecturer I
2.	Local Empowerment and Environmental Management Project (World Bank Assisted), Katsina State, Nigeria	2004 – 2005	MIS Manager
3.	Federal University of Technology, Minna, Nigeria	2005 – 2009	Lecturer II
4.	Federal University of Technology, Minna, Nigeria	2009 – 2012	Lecturer I

5.	Federal University of Technology, Minna, Nigeria	2013- 2014	Senior Lecturer
6.	Millennium Development Goals Project, Governor's Office, Katsina State, on Sabbatical	2010-2011	Director M&E
7.	Federal University, Dutsin-Ma, Katsina State, Nigeria	Oct 2016- Date	Associate Professor
8.	Usmanu Danfodio University, Sokoto, Nigeria	May, 2014	Visiting Associate Professor
9.	Umaru Musa Yar'Adua University, Katsina, Nigeria	Feb. 2014 to Date	Visiting Associate Professor
10.	Nigerian Meteorological Agency (NiMet), On Secondment	15 th Nov, 2017-21 st Aug 2017	AGM, Research & Training(R&T)
11	Nigerian Meteorological Agency (NiMet) On Secondment	22 nd Aug 2017 to date	General Manager R&T
12.	Nigerian Meteorological Agency (NiMet), On Secondment	27 TH March, 2017-date	Technical Assistant to Director-General/CEO

4. STUDENTS/MANPOWER DEVELOPMENT

4.1 TEACHING RESPONSIBILITY (WITHIN THE LAST 4 SESSIONS)

4.1.1 UNDERGRADUATE COURSES: (FUT MINNA & FED UNIV DUTSINMA)

S/NO	COURSE TITLE	COURSE CODE	CREDIT UNITS	SESSION(S)
1.	Satellite Meteorology	REM 411P	3	'09/'10 – '13/'14
2.	Atmospheric Thermodynamics & Precipitation Processes	MET 322	3	'09/'10 – '13/'14
3.	Advanced Topics in Tropical Meteorology	MET 524	3	'09/'10 – '13/'14
4.	Tropical Meteorology and Current Weather	MET 526	3	'09/'10 – '13/'14

5.	Advanced Physical Meteorology	MET 511	3	'09/'10 – '13/'14
6.	Aeronautical Meteorology	MET 413	3	'09/'10 – '13/'14
7.	Tropical Climatology	GEO 403	2	2014/15 – Date
8.	Quantitative Technique in Geography	GEO 303	2	2014/15 – Date
9.	Elementary Statistics for Geographers	GEO 208	2	2014/15 – Date
10.	Introduction to Climatology	GEO 313	2	2014/15 – Date

4.1.2 POSTGRADUATE COURSES: (FUT MINNA ,FED UNIV DUTSINMA , UDUS)

(In the following order: PGD, & M. TECH/M.Sc

S/NO	COURSE TITLE	COURSE CODE	CREDIT UNITS	SESSION(S)
1.	Climate Change and Environment	DGRY008	2	2008/2009
2.	Satellite Meteorology	REM 618	2	2010/11 – Oct'14
3.	Synoptic Meteorology	MET 523	3	2011/12 – Oct'14
4.	Disaster Vulnerability and Assessment	MDRM 625	3	2010/11
5.	Strategic Disaster Management	MDRM 627	2	2011/12
6.	Environmental Conservation and Sustainable Development	GRY 626	2	2011/12
7.	Environmental Monitoring and Modeling	MET 611/ REM 615	3	2010/11 – '14
8.	Tropical Meteorology	MET 622	3	2011/12
9.	Aeronautical Meteorology	MET 625	3	2011/12
10.	Climate and Climatic Change (M.Phil)	GEO 862	2	2014/ '15

5. ADMINISTRATIVE RESPONSIBILITIES

DEPARTMENT: (FUT MINNA & FED UNIV DUTSINMA)

S/NO	TYPE OF RESPONSIBILITY	SESSION(S)
1.	Acting Head of Department	2009/2010
2.	Examination Officer	2006/2007 – 2007/2008
3.	Coordinator, Seminar, Research and Consultancy	2006/2007 – 2013/14
4.	Coordinator, Environmental Science Journal	2006/2007 – 2007/2008

FACULTY(FUT, MINNA & FED UNIV DUTSINMA)

S/NO	TYPE OF RESPONSIBILITY	SESSION(S)
1.	Sub-Dean, School of Natural and Applied Sciences(SNAS)	2012/2013 – Oct, '14
2.	Member, SNAS Seminar Organizing Committee	2012/2013 – Oct' 14
3.	Member, SNAS Board of Research Sub committee	2011/2012 – Oct '14
4.	Member, SNAS Orientation Committee	2007/2008 – 2009/2010
5.	Assistant SIWES Coordinator, SNAS	2007/2008 – 2008/2009

UNIVERSITY: (FUT MINNA, & FED UNIV DUTSINMA)

S/NO	TYPE OF RESPONSIBILITY	SESSION(S)
1.	Member, University Committee that Investigated the Campus 92.3 Search F.M. Fire Incident	2012/2013
2.	Member, University Seminar and Colloquium Committee	2011/2012 – Oct' 14
3.	Coordinator, Research and Development Centre for Disaster Risk Management and Development	2009/2010 – Oct' 14
4.	Coordinator, Centre for Climate Change and Freshwater Resources (CCCFR)- A Fed Ministry of Environment Linkage	2008/2009 – 2009/2010

6. COMMUNITY AND SPECIAL SERVICES

6.1 COMMUNITY SERVICES WITHIN THE UNIVERSITY

DEPARTMENT

S/NO	TYPE OF COMMUNITY SERVICE	SESSION(S)
1.	Departmental Weather Station Coordinator	2006/2007 – Oct '14
2.	Technical/Research Adviser, NAGS	2007/2008 – Oct '14
3.	Research Adviser/ Departmental Field Work	2007/2008 – Oct '14

	Team	
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FACULTY

S/NO	TYPE OF COMMUNITY SERVICE	SESSION(S)
1.	Staff Adviser, School of Natural and Applied Sciences Students Association	2012/2013 – Oct'14

UNIVERSITY:

S/NO	TYPE OF COMMUNITY SERVICE	SESSION(S)
1.	Staff Adviser, Katsina State Students Association	2008/2009 – Oct '14
2.	Staff Adviser, Zamfara State Students Union	2009/2010 – 2010/2011
3.	Assistant Staff Adviser, MSSN Journal Publication	2010/2011 – Oct '14

6.2 COMMUNITY SERVICES OUTSIDE THE UNIVERSITY

S/NO	TYPE OF COMMUNITY SERVICE	YEAR
1.	Member, Advisory Team to Board of CSDA – World Bank Assisted Project, Niger State	2008/2009 – Date
2.	National Thematic Coordinator, Projects, Climate Change Network, Nigeria (CCNN)	2009 – Date
3.	Columnist, Weekly Newline Newspaper- 'Our Environment'	2009- date
4.	Director, M & E, MDGs Focal Office Katsina State (Sabbatical)	2010- 2011
5.	Country Coordinator, MERIT Project (WHO &HCF)	2010 to date

7. CONSULTANCY SERVICES

S/NO	TYPE OF CONSULTANCY SERVICES	YEAR
1.	Developed a Community-Based Flood Forecasting and Early Warning System for 2 Communities in Niger State, Nigeria (UNDP Sponsored)	2012
2.	Conducted a Baseline Survey for 25 LGAs of Niger State (CSDA-World Bank Assisted)	2012
3.	Developed a Crop-Climate Farmer's Guide for 25 LGAs of Niger State (UNDP)	2010
4.	Developed a Waste Management Strategy for Niger State (UNDP)	2009

5.	Conducted a Training for Niger State Ministry of Land Personnel on Land Management (Sponsored by UNDP)	2008
6.	Served as Main Consultant for Baseline Survey of 60 LEEMP – World Bank Assisted Communities in Niger State	2007
7.	Served as North-West Coordinator for a Participatory Budget Monitoring on Forest Management in Nigeria (Sponsored by USAID, MSI & ANPEZ)	2005
8.	Conducted Environmental Impact Assessment of JONGAZA Fuel Stations in Sarkin Pawa and Sabo-Wuse	2002
9.	Coordinated a UNDP Project on Replication of Best Environmental Awareness Practices in Niger State	2002
10.	Established and Supported 13 Environmental Clubs in Selected Secondary Schools in Niger State (Sponsored by UNDP)	2002

8. EXTERNAL EXAMINERSHIP/ACADEMIC SUPPORT SERVICES

S/NO	DEPARTMENT AND INSTITUTION	STATUS (OND/HND/ B.TECH/Ph.D etc)	YEAR
1.	Part Time Lecturer, National Open University of Nigeria – NOUN, Minna Study Centre	B.Sc.	'08 – Oct'14
2.	Visiting Lecturer, Department of Geography, Usman Danfodio University, Sokoto	B.Sc.& M.Phil	2014- Date
3.	Visiting Lecturer, Department of Geography, Umaru Musa Yar'Adua University, Katsina	B.Sc. & Masters	2014- Date
4.	External Examiner, Department of Geography, Isa kaita College of Education, Dutsinma, Katsina State	NCE & BSc.ED	2014- Date
5.	Visiting Lecturer, Centre For Human Settlements & Urban Development. FUT, Minna	Master's	2013 - date

9. EDITORIAL/ACADEMIC SUPPORT SERVICES (EDITORSHIP, MANUSCRIPT REVIEW)

S/NO	TYPE OF SERVICE	(TITLE OF JOURNAL/BIBLIOGRAPHY/ PROCEEDINGS ETC.)	YEAR
1.	Manuscript Reviewer	HAZARDS – Springer International Journal	2012 – Date
3.	Manuscript Reviewer	JOSTMED – FUT Minna	2012 – Date
4.	Assistant Editor	Journal of Environmental Science (JES)	2008 – 2010

10. NATIONAL/INTERNATIONAL AWARD/HONOURS/PRIZES

S/NO	TYPE OF AWARD/PRIZE	YEAR
1.	Netherlands Fellowship Award at Erasmus University, Netherlands	2012
2.	WHO Travel Award for Participation at the 6 th MERIT Tech. Meeting, Accra, Ghana	2012
3.	EU – European Union Joint Research Centre Awarded me a Travel Grant at Health and Climate in Africa Workshop, Addis Ababa, Ethiopia	2011
4.	France – CNRS/MDGs Research Award on Meningitis and Climate in Katsina State, Montpellier, France	2011
5.	WHO/Health and Climate Foundation, Geneva Sponsored my Full Participation at the 4 th MERIT Tech. Workshop in Addis Ababa Ethiopia	2011
6.	FAO/UN Awarded me a Full Travel Grant at the Great Green Wall for the Sahel and Sahara Initiative ‘Kick-off’ International Workshop, Dakar, Senegal	2010
7.	EU/BPD UK, Award for Participation at a Course on ‘Developing Partnership in Practice Skills, Accra, Ghana	2009
8.	Nominated for US Catto Fellowship on Energy Environment at ASPEN Institute	2007 & 2009
9.	African Academy of Science Selected me and Fully Sponsored my participation at the First Needs Assessment Workshop on African Climate Change Fellowship Programme, Dares-Salam, Tanzania	2008
10.	Rapporteur, International Conference on the Reduction of Vulnerability of West Africa to Climate Change, Ougadougou, Burkina Faso	2007
11.	Received an Award of Excellent Performance by the Nigerian Institute of Cooperate Executives (FICEN)	2005

11. INVOLVEMENT IN NATIONAL/INTERNATIONAL LINKAGES

S/NO	Type of Linkage	Institution/Organization	Year
1.	Research Collaboration – MERIT (Country Coordinator)	WHO, Health and Climate Foundation, Geneva, Switzerland	2010-date

2.	Research Collaboration, CNRS, University of Montpellier	CNRS/University of Montpellier, France	2011
4.	Research Collaboration on Climate Change	International Institute of Climate and Society, Earth Institute, Columbian University, US	2009 – Date
5.	Technical Team Membership/ West Africa	FAO/UN Great Green Wall for the Sahel and Sahara Initiative	2010 – Date

12. RESEARCH ACTIVITIES

12.1 RESEARCH GRANT ATTRACTED TO THE UNIVERSITY WITHIN THE LAST 36 CALENDAR MONTHS

S/NO	TITLE OF GRANT	SOURCE	AMOUNT	DATE OF AWARD
1.	Mapping of Health Facilities in Nigeria. FUT Minna	USAID	₦18,000.000	2010
2.	With Colleagues :Grant to Facilitate TOT for 20 Staff on Social Housing, in FUT Minna	NUFFIC- Netherlands	₦40,000,000	2013

12.2 RECENTLY COMPLETED RESEARCH (WITHIN THE LAST 36 CALENDAR MONTHS)

S/NO	TITLE OF RESEARCH	YEAR	SOURCE OF FUND
1.	Developed a Community-Based Flood Forecasting and Early Warning System in Muregi and Gusoro	2012	UNDP
2.	Climate and Meningitis in Katsina State	2011	MDGs/CNRS France

12.3 ONGOING FUNDED RESEARCH

S/NO	TITLE OF RESEARCH	SOURCE OF FUND
1.	GIS Mapping of Health Facilities in Nigeria	USAID
2.	Influence of Climatic/Environmental Factors on Meningitis Epidemics in Katsina State	MDGs/CNRS

13. MAJOR ACADEMIC CONFERENCES/SEMINARS/WORKSHOPS ATTENDED

13.1 INTERNATIONAL (within the last 10 years)

S/NO	TITLE	VENUE	YEAR
1.	6 th MERIT International Workshop	Accra, Ghana	2012
2.	Climate and Health in Africa: International Conference	UNECA HQs, Ethiopia	2011
3.	International MERIT Strategic Meeting	Geneva, Switzerland	2011
4.	4 th MERIT International Technical Workshop	Addis Ababa, Ethiopia	2010
5.	African Climate Change Fellowship Workshop	White Sand Hotel, Dares-Salam, Tanzania	2008
6.	International Conference on Reduction of Vulnerability of West Africa to Climate Change	Ouagadougou, Burkina-Faso	2007

13.2 NATIONAL (within the last 5 years)

S/NO	TITLE	VENUE	YEAR
1.	National University Commission R & D Fair	FUT, Minna	2012
2.	2 nd National Water & Sanitation Conference	NWRI, Mando, Kaduna	2011
3.	National Workshop to Promote Renewable Energy Efficiency in Nigeria	Parkview Hotel, Abuja, Nigeria	2008
4.	Faculty of Natural & Applied Sciences Workshop/Seminar, UMYU, Katsina	Faculty Theater	August, 2014
5.	5 th National Water & Energy Conference	Giginya Coral Hotel, Sokoto	Nov. 2014
6.	NMets International Conference	UDU, Sokoto	Nov. 2015

14. MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS/BODIES/ INSTITUTES

S/NO	NAME OF PROFESSIONAL ASSOCIATION
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1.	Nigerian Environmental Society
2.	African Forestry Forum (AFF)
3.	Nigerian Geographical Association
4.	Climate Change Network, Nigeria
5.	Renewable Energy and Energy Efficiency, Nigeria (REEN)

15. PROJECT/THESIS WRITTEN

S/NO	TITLE OF PROJECT/THESIS	YEAR
1.	The Influence of Weather on Civil Aviation at Aminu Kano Airport, <i>B.Sc. Dissertation</i> , Dept of Geography, Bayero University, Kano	1999
2.	Developing an Adaptation Model for Climate Change Impact in Parts of Northern Nigeria, <i>PGD Dissertation</i> , Erasmus University, Netherlands	2012
3.	Micro-Climatic Impact of Tiga Dam on Locations Upstream in Kano State, <i>M.Tech Thesis</i> , Dept of Geography, FUT Minna, Nigeria	2003
4.	An Assessment of Community Level Adaptation Strategies for Reducing Vulnerability of Sudano-Sahelian Zone of Nigeria to Climate Change, <i>Ph.D Thesis</i> , Dept of Geography, FUT Minna	2012

16. PUBLICATIONS

16.1 BOOK

1. **Bako, M.M.** (2014). *Fundamentals of Satellite Meteorology*. 287pp (Collins, Ibadan)

16.2 CHAPTERS IN BOOKS

1. Thomson, M.C., **Bako, M.M.** and others (2011). "Climate and Public Health" – The MERIT Initiative. *A WHO Publication*, Geneva.
2. Abubakar, A.S., **M.M. Bako**, S. Jiya and M.K. Ndaman (2009). Niger State Strategic Waste Management Framework. *Govt. Press Publication*, ISBN 978-32936-2-1.

16.3 JOURNALS

International/National

1. **Bako, M.M.** (2014). An assessment of the 2012 Flood using MODIS Satellite Imageries on River Niger Floodplain, Nigeria. *Asian Online International Journal*.

2. **Bako, M.M.** (2012). Climate Change Vulnerability Assessment in Parts of Northern Nigeria. *Nigerian Journal of Tropical Geography*, Nassarawa State Univ. Vol.4, No.2 (2013):449-470.
3. Abubakar, A.S. and **Bako, M.M.** (2008): Food Population and Environmental Degradation in Nigeria". *Journal of Science Education and Technology*, FUT Minna, Vol. 1, No 2 (2008): 53-56. ISSN 1596 -9770
4. **Bako, M.M.** (2009): "Climate Change in Nigeria: The Need for Sustainable Renewable Energy". *Journal of Science, Education and Technology*, Vol. 2. No. 1 (2009): PP 423-426. ISSN 1596 -97701.
5. Abubakar, A.S. and **Bako, M.M.** (2009): The Importance of the Right to Water in Effective Water Service: Lessons for Nigeria. *Techno Science Africana Journal*. Vol. 5, No. 2 (2009): 97 – 100. ISSN 2006-2273.
6. **Bako, M.M.** and M. Usman (2003): "The Role of Agrometeorology in Planning Agricultural Projects in Nigeria. *Journal of Vocational Education* ,Vol. 3 No.1 (2003): 22-27.
7. **Bako, M.M.** and M. Usman (2003): "Environmental Impact Assessment (EIA) as an Instrument for Environment Considerations into Development Planning of Dam Projects. (*JOVEC*) (2003): 102-105. ISSN: 1596-0218 (2003): 109-114.
8. Suleiman, Y.M.; **Bako, M.M.**; A.A. Davids and M.M. Chioma (2014). The Application of Geo-spatial Techniques in Flood Risk and Vulnerability Mapping for Disaster Management at Lokoja, Kogi State, Nigeria. *International Journal of Environment and Earth Science*, Vol. 4, No. 5, pp. 54 – 61.
9. **Bako, M.M.** and A.O. Sulyman (2013). Vulnerability Assessment of Climate Change Impacts in Parts of the Sudano-Sahelian Zone of Nigeria. *Geo-Studies Forum. An International Journal of Environmental and Policy Issues*. Vol. 6, pp. 139-157.
10. **Bako, M.M.** and T. Iyanda (2009). Vulnerability Analysis on the Effects of Climate Change in Some Parts of Sudano-Sahelian Nigeria. *Journal of Environmental Science*, Maiden, pp. 232-241.
11. Abubakar, A.S.; and **Bako, M.M.** (2009). Review of Climate, Health and Society in Nigeria: The Need for Planning with Weather and Climate Data. *Journal of Science, Education and Technology*, Vol 2, No. 2, pp. 329 – 342.
12. **Bako, M.M.**; J. Musa and M.B. Yunusa (2014). A Review on Principles of Partnership for Development. *Sokoto Journal of Social Sciences*. Vol. 3, No.
13. Musa, J.; **Bako M.M.**; M.B. Yunusa; G.I. Kuta; A. Musa (2012). An Assessment of the Impact of Urban Growth on Land Surface Temperature in FCT, Abuja using Geospatial Techniques. *Sokoto Journal of Social Sciences*, Vol. 2, No. 2, pp. 144-160.
14. Suleiman, Y.M.; **Bako, M.M.**; A.M. Emigilati; and J. Musa (2014). Effects of Rainfall Variability on Rice Crop Production in Bida Basin, Nigeria. *Journal of Agriculture*, Fed. Univ. Dutsinma. (**Accepted**)
15. **Bako, M.M.**; Musa, J ; Suleman, M.Y ; A.B Hassan ;Muhammed, B. Y ; G.I. Kuta K. Dangana;& N. Maiwada (2014). A Review on Disaster Risk Reduction and Sustainable Development.

16.4 CONFERENCE PROCEEDINGS***International***

1. **Bako, M.M.** (2007): "Vulnerability Analysis on the Effects of Climate Change in Sudano-Sahelian Nigeria: The Case of Drought and Water resource Management: A Paper Presented at the *International Conference on the Reduction of the Vulnerability of Natural, Economic and Social Systems in West Africa to Climate Change*, Ougadougou -Burkina-Faso 24th -27th Jan, 2007.
2. **Bako, M.M.** (2008): Teaching Research and Community Service at the Centre for Climate Change and Geography Department, FUT Minna" Paper Presented at "*The African Climate Change Conference to Assess Needs and Opportunities*". Tanzania, 11th -13th March, 2008.
3. **Bako, M.M.** (2008): On Adaptation Measures to Reduce Vulnerability to Climate Change: Eco-Climatic Atlas and Farmer's Guide Projects in Nigeria" A Poster Presented at *the African Climate Change Needs Assessment Workshop*. Tanzania, 11th -13th March 2008.
4. **Bako, M.M.** (2011): 'Updates on MERIT Nigeria Project. *Climate and Health in Africa Workshop* 4th – 7th April, 2011, Ethiopia, WHO
5. **Bako, M.M.** (2011): ' An Overview of the MERIT Nigeria Project. *MERIT Strategic Review Workshop* 10th – 11th November, 2011, Geneva, Switzerland. WHO
6. **Bako, M.M** (2012) 'An Assessment of the MERIT Nigeria Project'. 6th *International MERIT Workshop* , 27th-28th Nov. 2012, Accra, Ghana. WHO

National

1. **Bako, M.M.** (2008): "Climate Change in Nigeria: The Need for Sustainable Renewable Energy Alternative. A Paper Presented at the *National Dialogue Workshop to Promote Renewable Energy Efficiency in Nigeria*, Parkview Hotel, Abuja, 10th -11th Nov. 2008:35-38.
2. Abubakar, A.S. and **Bako, M.M.** (2011): The Rights to Water and Its Impact on Water Service Delivery: Lessons for Nigeria. 2nd *Nat. Water and Sanitation Conference*, Mando, PP. 147-151.
3. **Bako, M.M** and A.S. Abubakar (2012). An Assessment of Community-level Adaptation strategies for reducing vulnerability to climate change impacts in some parts of the sudano-sahelian zone of Nigeria. *Book of Abstact, NURESDEF*, 8-12TH Oct. 2012, Minna. PP. 86.

4. **Bako, M.M;** Sulaiman, Y.M; & Maiwada, N (2014). Sahel re-greening with Farmer-Managed Natural Regeneration Programme: Lessons for Nigeria. *5th National Conference Proceedings on Water and Energy*, NWRI & SRRBDA, 25th-28th Nov. Sokoto, 2014.
5. Bako, M.M; Musa, J; Bindawa, A.A (2015). An assessment of Precipitation Effectiveness & its effects on Drought Severity in Katsina State, Nigeria. *An International Conference Proceedings*. UDUS, 23-26TH November, 2015.

16.5 TECHNICAL PAPERS/REPORTS/MONGRAPHS

1. "Baseline Survey of 60 LEEMP Communities in Niger State". *A Technical Report* Submitted to LEEMP Niger State (World Bank Assisted) (2007): 899 pp.
2. **Bako, M. M** (2009) MERIT Nigeria Project. *4th Synthesis Technical Workshop Report*, University of Addis Ababa, Ethiopia. CHWG, pp. 28-29.
3. Crop- Climate Farmers Guide Project. *A Technical Report* submitted to UNDP (2010).
4. Baseline Survey *Technical Report* for 25 LGAs in Niger State (CSDP/World Bank) 2011.
5. **Bako, M.M** (2013). Flood Forecasting and Early Warning System in 2 Communities in Niger State, Nov 2012, a *Technical report* submitted to UNDP, Abuja.
6. Baseline Survey for the 6 Areas Councils of FCT, Abuja. *A Technical Report* submitted to FCT – CSDP (World Bank Assisted) (2014).

16.6 PUBLISHED ARTICLES IN SCIENTIFIC/ENVIRONMENT COLUMNS

1. **Bako, M.M.** (2005). Food Population and Environmental Degradation in Nigeria. *The Katsina Mobiliser*, Monthly, April, 2005, p. 11.
2. **Bako, M.M.** (2009). International Day for Disaster Reduction: Lessons for Nigeria. *Newsline*, Weekly, October 25, 2009, p. 29.
3. **Bako, M.M.** (2009). How Vulnerable is Nigeria to Climate Change? (I). *Newsline*, Weekly, November 15, 2009, p. 21.
4. **Bako, M.M.** (2009). How Vulnerable is Nigeria to Climate Change? (II). *Newsline*, Weekly, November 22, 2009, p. 18.
5. **Bako, M.M.** (2009). How Vulnerable is Nigeria to Climate Change? (III). *Newsline*, Weekly, November 29, 2009, p. 18.

6. **Bako, M.M.** (2009). Need for Planning with Weather and Climate Data in Nigeria. *Newsline, Weekly*, December 20, 2009, p. 18.
7. **Bako, M.M.** (2009). The Need for Sustainable Renewable Energy in Nigeria. *Newsline, Weekly*, December 13, 2009, p. 18.
8. **Bako, M.M.** (2009). Environmental Security in Nigeria: The Role of Science and Technology. *Newsline, Weekly*, November 1, 2009, p. 18.
9. **Bako, M.M.** (2010). Environmental Control of Malaria in Nigeria. *Newsline*, January 3, 2010, p. 18.
10. **Bako, M.M.** (2009). Global Climate Change and Health. *Newsline, Weekly*, December 27, 2009, p. 18.
11. **Bako, M.M.** (2009). Environmental and Socio-Economic Impacts of Dredging River Niger. *Newsline, Weekly*, November 8, 2009, p. 18.
12. **Bako, M.M.** (2009). Investing in tomorrow's Forest. *Newsline, Weekly*, December 6, 2009, p. 18.
13. **Bako, M.M.** (2010). Differentiating between Individuals and Institutions in Partnership. *Newsline, Weekly*, January 6, 2010, p. 8.
14. **Bako, M.M.** (2011). The Empty Chair, *The Smash, Monthly*, May, 2011, p. 36-37.
15. **Bako, M.M.** (2013). '2013 Seasonal Rainfall Prediction': Matters Arising. *Newsline, Weekly*, April 28, p.19
16. **Bako, .M.M** (2013). Growing up under Global Warming. *Newsline, Weekly*, April 21, p.23.
17. **Bako,M.M** (2013). Need for Public Health Adaptation to Climate Change. *Newsline, Weekly*, May 12, P.21

17. STUDENTS' SUPERVISION

Supervised **5 Master's, 2 PGD** and more than **60 Undergraduate Dissertations** from **2005** to date, mostly on Applied Meteorology/ Climatology, Rural Development Projects, Disaster risk Management, Remote Sensing Applications & Environmental Management.

17.1 POST-GRADUATE SUPERVISION

1. Assessing The Effects of Precipitation Effectiveness on Drought Severity in 2LGAs of Katsina State (Abuhairra, U. Rukayya, MTECH/SSSE/2011/2923)- **FUT Minna (Completed)**.
2. Assessment of Urban Agriculture Practice in Minna, Niger State (Aminu Musa Pai, MSUD/2013/4494) **FUT Minna (Completed)**.
3. Climate Variability and its Impact on Rice Production in Dass LGA, Bauchi State (Auwal Garba, MSc/15/GEO/076) **UMYU (Completed)**.
4. Impact of Slum Dwelling in Kpakungu, Minna, Niger State (Aisha Aliyu) **FUT Minna (Completed)**.
5. An Assessment of Vegetation Dynamics within Ruma-Kukar Jangarai Forest Reserve in Katsina State, Nigeria (Na'iya Hafiz, Msc/2014/GEO/0142) **UMYU (Completed)**.

Post Graduate Diploma:

1. Comparative Analysis of Behavioral Change to the Environment in Two Communities around Kainji Lake National Park, Niger State- Nigeria (Mustapha, Asma'u, PGD/GEO/2012/439) **FUT Minna (Completed)**.
2. Factors Affecting Rapid Development of GOVERNMENT Approved Lay-outs In Katsina Township, Katsina State (Okeke, J.C PGD/GEO/2011/429) **FUT Minna (Completed)**.

18. EXTRA-CURRICULAR ACTIVITIES

Reading, Traveling, and Sport

19. NAME AND ADDRESS OF REFEREES:

1. **Professor Sani Abubakar Mashi**
Director General/CEO & Nigeria's Permanent Representative with WMO
Nigerian Meteorological Agency (NiMet)
National Weather Forecasting & Climate Research Centre

Nmadi Azikiwe International Airport, Abuja, Nigeria
saniaamashi@nimet.gov.ng

3. Professor Alessandra Giannini

International Research Institute for Climate and Society
The Earth Institute at Columbia University- Lamont Campus
Palisades, NY, U.S.A
Email: alesall@iri.columbia.edu

3. Professor O.F. Ati

Head, Dept. Geography & Regional Planning
Federal University, Dutsin-ma, Katsina State
Nigeria.
+234(0) 70 3099 5552



26th JUNE ,2018

SIGNATURE

DATE



CURRICULUM VITAE

1. PERSONAL DATA

NAME:	Mr. AKINYEMI Abel Olatunji
SEX:	Male
DATE OF BIRTH:	2 nd Sept, 1969
PLACE OF BIRTH:	Abeobi, Oja-Odan, Ogun State, Nigeria
NATIONALITY:	Nigerian
STATE OF ORIGIN:	Ogun
LOCAL GOVERNMENT AREA:	Yewa North
MARITAL STATUS:	Married
NUMBER OF CHILDREN	Three (3)
LANGUAGES SPOKEN:	Yoruba, English
PERMANENT HOME ADDRESS:	No. 5, Salamu Kaola Street, Peace Estate, Akeredolu, Ifo Local Government, Ogun State, Nigeria
CORRESPONDENCE ADDRESS:	Directorate of Research & Training, Nigerian Meteorological Agency (NIMET), WMO Regional Meteorological Research & Training Centre, P. M. B. 1215, Oshodi, Lagos, Nigeria (0) +234 8035797828, (0) +234
Telephone (Mobile): 8125499167	
E – Mail:	tunjiakinyemi@yahoo.co.uk
PRESENT RANK:	Assistant General Manager - Training Grade Level 15/ Step 07

2. EDUCATIONAL INSTITUTIONS ATTENDED/QUALIFICATIONS

S/NO	INSTITUTIONS ATTENDED	DATES	QUALIFICATIONS
1.	E. N. L. G. Primary School, Gbogoru	1975- 1981	Prim Sch. leaving Certificate
2.	Orita Community High School, Oja-Odan, Nigeria	1981 – 1987	O/Level Certificate
3.	Regional Meteorological Training Centre Oshodi, Lagos, Nigeria	1989 – 1991	WMO Class III Certificate
4.	Federal University of Agriculture, Abeokuta, Ogun State	1995 – 2000	B.Sc. (Hons), Agricultural Meteorology & Water Resources Mgt.
5.	Lagos State University, Ojo, Lagos	2009 - 2012	M.Sc. Geography (Climatology)
6.	LIFE Theological Seminary, Ikorodu, Lagos	2013 - 2017	Second B. A. (Pastoral Theology)

3. PROFESSIONAL QUALIFICATIONS

S/NO	QUALIFICATIONS	PLACES	DATES
1.	WMO Class III Meteorologist Certificate	Oshodi, Lagos	1991
2.	Advanced Weather Forecasting Certificate	Oshodi, Lagos	2001
3.	WMO/ICAO Meteorological Watch Office Operations Certificate	Ikeja, Lagos	2005
4.	Mashav International Course on Agro-meteorology Certificate	Oshodi, Lagos	2006
5.	Aeronautical Meteorological Forecaster Training Certificate	Ikeja, Lagos	2008
6.	EUMETSAT Satellite Application Course (ESAC-VIII E)	Nairobi, Kenya	2009
7.	Aviation Met Forecasting Certificate Course	Ikeja, Lagos	2010
8.	Advance Forecasting Training	Toulouse,	2012

		France	
9.	Quality Management System (QMS) Awareness Training	Oshodi, Lagos	2017
10	RMTC QMS Internal Audit Training	Oshodi, Lagos	2018

4. CARRIER PROGRESSION

S/NO	DESIGNATION	GRADE LEVEL	YEAR
1.	Meteorological Assistant III	GL 04	15/03/1989
2.	Meteorological Assistant I	GL 06	07/08/1991
3.	Senior Meteorological Assistant	GL 07	07/08/1993
4.	Meteorological Tech II	GL 08	01/01/1997
5.	Meteorologist I	GL 09	01/01/2000
6.	Senior Meteorologist	GL 10	01/01/2004
7.	Principal Meteorologist	GL 12	01/01/2007
8.	Assistant Chief Meteorologist	GL 13	01/01/2010
9.	Chief Meteorologist	GL 14	01/01/2013
10.	Assistant General Manager	GL 15	01/01/2015

5. WORK EXPERIENCE

S/NO	NAME OF ORGANIZATION	DATES
1.	Nigerian Meteorological Agency, Gusau Synoptic Office, Zamfara State	1991- 1994
2.	Nigerian Meteorological Agency, Agro –Met, Station, Oshodi, Lagos State	1994-1995
3.	Nigerian Meteorological Agency, Forecast Office, Ikeja, Lagos State	2000-2013
4.	Meteorological Research and Training Institute, NIMET, Oshodi, Lagos	2013- Till date

6. STUDENTS/MANPOWER DEVELOPMENT

TEACHING RESPONSIBILITY

Meteorological Trainees/Undergraduates

S/NO	COURSE TITLE	SESSION(S)
1.	On the Job training – Aviation Meteorology (All Officers in my shift (GL08 – 12))	2001 - 2013
2.	Industrial Attachment (University Students in 300Level/400level)	2004 – 2013
3.	Job Entry Level Meteorological Technicians’ Course (Aeronautical Meteorology)	2014 – 2016
4.	Medium Level Meteorological Technicians’ Course (Agro - Meteorology, Met. Practical)	2014 - 2015
5.	Senior Level Meteorological Technicians’ Course (Hydro –Meteorology, Research Methodology)	2014- 2016
6.	Class I Meteorologist Appreciation Course (Hydro-Meteorology)	2014 - 2015
7.	Specialized Course in Aviation Meteorology (Aeronautical Meteorology)	2016 – Till Date

7. ADMINISTRATIVE RESPONSIBILITY

S/NO	TYPE OF RESPONSIBILITY	SESSION(S)
1.	Watch Supervisor (Forecast Office, Ikeja)	2001 - 2012
2.	Assistant Chief Meteorologist –In Charge of Forecasting	2012 - 2013

3.	Class Adviser (RTC)	2014 - 2015
4.	Principal (RTC)	2014 – Till date

8. TERM PAPER/ PROJECT/ THESIS WRITTEN

S/NO	TYPE OF RESPONSIBILITY	SESSION(S)
1.	Optimum Planting date of Okra in Sole Cropping and Intercropping system with Cassava	2000
2.	Rainfall Trend Over Ikeja	2001
3.	On the Development and propagation of West African disturbance line	2012
4.	Effects of Boko Haram Insurgence on Nigerian Church (A case study of some parts of Northern Nigeria)	2017

8. EXTRA-CURRICULAR ACTIVITIES

Interest: Reading, Writing, Teaching and Academic Discussion

Referees:

Prof. N.J. Bello,
Dept. of Water Resources Mgt. & Agro-meteorology
University of Agriculture, Abeokuta,
Ogun State.

Mr. B. A. Oyede,
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