

# **CURRICULUM VITAE**

## **PERSONAL DATA**

- |                   |   |
|-------------------|---|
| 1. (A) SURNAME    | ONOKALA   |
| (B)MAIDEN NAME    | MONANU  |
| 2. OTHER NAMES    | PATIENCE CHINYELU   |
| 3. SEX            | FEMALE  |
| 4. MARITAL STATUS | MARRIED WITH 2 CHILDREN   |
| 5. NATIONALITY    | NIGERIAN  |
| 6. POSTAL ADDRESS | DEPARTMENT OF GEOGRAPHY,<br>UNIVERSITY OF NIGERIA<br>NSUKKA<br>ENUGU STATE, NIGERIA |
| 7. TELEPHONE      | 234-042-771677 GSM:08035484467  |
| 8. E-MAIL:        | <a href="mailto:patonokala@yahoo.com">patonokala@yahoo.com</a>                      |

## **OTHER DETAILS**

### **9. PRESENT CAREER AND PROFESSIONAL STATUS**

- (i) Lecturer, Department of Geography, U.N.N - Since 1980
- (ii) Professor of Transportation Geography - Since 2000
- (iii) Acting Head, Department of Geography, U.N.N - From 2000 to 2002
- (iv) Head, Department of Geography, U.N.N - From 2004 to 2006
- (v) Associate Dean, Faculty of the Social Sciences - From 2006 to 2008
- (vi) Dean, Faculty of the Social Sciences – From 2008 to 2010

(vii) Professor on Sabbatical, Department of Geography and Planning, Kogi State University, Anyigba, Kogi State – Jan.2011 – March, 2012.

(viii) Professor of Transportation Geography, Department of Geography, U.N.N. April, 2012 till present.

## 10. EDUCATIONAL BACKGROUND

(a) Secondary Schools Attended	Date	Certificates Obtained
(i) Girl's Secondary School, Ogidi	1959-63	W.A.S.C. Grade 1
(ii) Queen's School. Enugu	1964-1965	H. Sc
(b) Universities Attended	Date	Certificates Obtained
(i) University of Nigeria, Nsukka	1966-1967	B.Sc Hons Geography
	1970 -72	2 <sup>nd</sup> Class Hons Upper Div
( ii) University of Alberta, Edmonton, Canada	1974-76	M.Sc Transportation Geog
	1976-79	Ph. D Transportation Geog

## 11. SCHOLARSHIPS OR PRIZES WON

(i) Certificate of Proficiency in English Language, History and Bible Knowledge at Girl's Secondary School, Ogidi, Nigeria in 1963.

(ii) Department of Geography Prize (for the Best Student of the Session) at the University of Nigeria, Nsukka, for 1972/73 academic session.

(iii) Junior Research Fellowship Award, Department of Geography, University of Nigeria, Nsukka from 1973 to 1980.

## **12. RESEARCH COMPETITIONS WON**

- (i) NEST (Nigerian Environmental Study/Action Team) 1995 Research Competition Award (in collaboration with the Ford Foundation) on “Environmental Impact of Road Transport Development Projects in Nigeria : Case Study of the Enugu-Onitsha Expressway”
- (ii) Association of African Universities (AAU) Research Competition Award on Higher Education in Africa for 1966/97 on “Women in Academic Positions in the Universities in Nigeria”.
- (iii) NEST (Nigerian Environmental Study/Action Team) 1997 Research Competition Award (in collaboration with the Ford Foundation) on “Appropriate Water Harvesting Methods in Obollo Afor Community of Enugu State, Nigeria”
- (iv) Association of African Universities (AAU) Research Competition Award on Higher Education in Africa for 1998 on “Gender Equity in Student’s Enrolment in the Universities in Nigeria”

## **13. PAST AND PRESENT POSITIONS**

Institution/Place of Work	Duration	Title
(i) Asaba Girl’s Grammar School, Asaba	1972-73	Senior Geography Mistress
(ii) Department of Geography, U.N.N.	1973-74	Junior Research Fellow
(iii) Department of Geography, Univ. of Alberta, Edmonton, Canada	1974-79	Graduate Student and Graduate Research Assist
(iv) Department of Geography,	1979-80	Post Doct. Research Fellow
University of Nigeria, Nsukka	1980-82	Lecturer II
	1982-84	Lecturer I
	1991-99	Senior Lecturer
	Since 2000	Professor

#### **14. LIST OF UNPUBLISHED THESES**

Title of Thesis	Degree	Date
(i) The Growth of Eke Awka Market	B. Sc (Original Essay)	1971/72
(ii) Journey to Work Patterns in Edmonton, Canada, 1971.	M Sc.	1976
(iii) Optimal Patterns for the Transportation Of Export Commodities in Nigeria	Ph. D	1979

#### **15. MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS**

- (i) Member, Nigerian Geographical Association, (Since 1973)
- (ii) Member, Canadian Association of Geographers (1974-1990)
- (iii) Member, American Association of Geographers (1974-1990)

#### **16. OTHER PROFESSIONAL ACTIVITIES**

- (i) National Assistant Secretary of the Nigerian Geographical Association in 1982/83;1983/84 and 1984/85.
- (ii) Financial Secretary of the Nigerian Geographical Association from 1996 to 2003.
- (iii) Vice President of the Association of Nigerian Geographers (ANG) from 2007 to 2010.
- (iv) President of the Association of Nigerian Geographers (ANG) 2010-2011

#### **17. AWARDS AND CHURCH - RELATED ACTIVITIES**

- (i) Assistant Secretary, Christ Church Women's Association, U.N.N. 1988/89.
- (ii) Leader, Love Group, Christ Church Women's Association, U.N.N. 1994/95.
- (iii) Zonal Co-ordinator, 1996 Bazaar, Christ Church Women's Association, U.N.N.

- (iv) President, Christ Church Women's Association (C.C.W.A), U.N.N. for 2004/2005.
- (v) Secretary, Methodist Women's Fellowship, Nsukka Section from 1996 till 2009.
- (vi) Methodist Church Nigeria, Diocese of Enugu Ezinne Merit Award for Dedication to Service of the Church in 2005.

## **18. CONFERENCES ATTENDED**

Over 150 Conferences attended both abroad and in Nigeria

## **19. PUBLICATIONS AND CREATIVE WORKS ( Total of 55)**

4 Books, 12 Chapters in Mainline Books, 5 Technical Reports, 34 Journal Articles

### **I BOOKS**

1. Iloeje, N.P., Onokala, P.C. and Odemerho, F. O. (1999) *A New Secondary Geography Book I*, Longman Nigeria, Plc.
2. Iloeje, N.P., Onokala, P.C. and Odemerho, F. O. (2002) *A New Secondary Geography Book II*, Longman Nigeria, Plc.
3. Iloeje, N.P., Onokala, P.C. and Odemerho, F. O. (2003) *A New Secondary Geography Book III*, Longman Nigeria, Plc.
4. Onokala, P. C., Phil-Eze, P. O. And Madu, I. A. (2003) *Environment and Poverty in Nigeria*, Jamoe Enterprises (Nigeria).

### **II CHAPTERS IN MAINLINE BOOKS**

5. Monanu, P. C. (1975): Chapter 6 Temperature and Sunshine in *Nigeria in Maps: Eastern State* Edited by G. E. K. Ofomata, Ethiope Publishing House, Midwest Mass Communication Corporation, Benin City, Nigeria, Pages 16-18
6. Monanu, P. C. (1975): Chapter 9 Rainfall in *Nigeria in Maps: Eastern State* Edited by G. E. K. Ofomata, Ethiope Publishing House, Midwest Mass Communication Corporation, Benin City, Nigeria, Pages 19-21.

7. Monanu, P. C. (1975): Chapter 7 Humidity in *Nigeria in Maps: Eastern State* Edited by G. E. K. Ofomata, Ethiope Publishing House, Midwest Mass Communication Corporation, Benin City, Nigeria, Pages 25-26.
8. Monanu, P. C. and Ofomata G.E.K.(1975): Chapter 48 Roads and Railways in *Nigeria in Maps: Eastern State* Edited by G. E. K. Ofomata, Ethiope Publishing House, Midwest Mass Communication Corporation, Benin City, Nigeria, Pages 129-131.
9. Onokala, P.C.(1981): "The Types of Data Needed for Employing Transport related Land Use Models in Urban Transportation Planning in Nigeria" in *Land Use and Conservation in Nigeria-Theory, Methodology, Empiricism, Policy* Edited by Uzo Igbozuruike, University of Nigeria Press, Nsukka, Pages137-149.
10. Onokala, P.C. (1999): "The Impact of DFFRI Roads in Nsukka Local Government Area of Enugu State" in *Contemporary Issues on Quality of Life of Nigerians* Edited by Onwumereobi, A.C. and Ogbeka S.N. Pam Unique Publishing Coy Limited, Port Harcourt, Nigeria.
11. Onokala, P.C., Chukwu, F.C. and Mbanefo, N. (2001): Chapter 4 "New Directions for Geography in the 21<sup>st</sup> Century and Access to Information Technology in an era of Globalization: A Case study of the University of Nigeria, Nsukka" in *Geographical Reports of the University of Nigeria Essays in Honour of Professor G.E.K. Ofomata*. Edited by J.C. Nwafor, R.C. Bob-Duru and R.N.C. Anyadike. Falludu Publishing Company, Nsukka. Pages 58-77.
12. Onokala, P.C. (2001) "Urbanization and Urban transportation Problems in Nigeria" in Issues in *Urbanization and Urban Administration in Nigeria* Edited by Ezeani, E.O. and Elekwa, N.N., Snapp Publishers, Enugu. Pages 168-186.
13. Onokala, P.C. and Phil-Eze P.O. (2001) "Environmental Problems of Road Transport Development Problems in Nigeria" in *Geographical Perspectives on Environmental Problems and Management in Nigeria*. Edited by Ofomata, G.E.K. and Phil-Eze, P.O. Jamoe Enterprises, Nigeria. Pages 196-214.

14. Onokala, P.C. (2002) Chapter 33 "Trade and Transport" in *A Survey of the Igbo Nation* Edited by G.E.K. Ofomata, Africana First Publishers Limited, Onitsha, Nigeria. Pages 543-562.
15. Onokala, P.C. (2002) "Major Cities and their Regions- ENUGU" in *African Atlases- Atlas of Nigeria*. Edited by Les Editions du Jaguar J.A. Pages 140-141.
16. Onokala, P.C. (In Press) "Managing Climate Change in Africa", in *Management and Development : A Contemporary Reading in Public Administration* by Oguonu, C. N., Department of Public Administration and Local Government (PALGG), University of Nigeria, Nsukka.

### III MONOGRAPHS AND TECHNICAL REPORTS

16. Onokala, P.C. (1991) *The Development of Rural Roads and Improvement of Road Transport Accessibility – A Case Study of DFFRI Road Projects in Anambra State, Nigeria*. Research Report Prepared for the Social Science Council of Nigeria in collaboration with Ford Foundation.
17. Onokala, P.C. and Phil-Eze, P.O. (1996) *Environment Impact of Road Transport Development Projects In Nigeria: A Case Study of the Enugu-Onitsha Expressway* Research Report Prepared for NEST, Ibadan, Nigeria.
18. Onokala, P.C., Ezemonye, M.N. and Onwurah, C.U. (1997) *Appropriate Water Harvesting Methods for Obollo Afor Community of Enugu State*. Research Report for NEST Ibadan, Nigeria.
19. Onokala, P.C. and Onah, F.O. (1997) *Women in Academic Positions in the Universities in Nigeria*, Research Report Prepared for AAU (Association of African Universities), Accra, Ghana.
20. Onokala, P.C. and Onwurah, C.U. (2000) *Gender Equity in Students Enrolment in the Universities in Nigeria*. Research Report Prepared for AAU (Association of African Universities), Accra, Ghana.

#### IV JOURNAL ARTICLES

21. Monanu, P.C. and M.J. Hodgson (1975) "Problems in the Application of Graph-Theoretic Measures to Transportation Network Growth: A Case Study of Alberta Highways" *New Themes in Western Canadian Geographhy, The Langara Papers, British Columbia Geographical Series, Number 22, Occasional Papers in Geography*, Published by Tantalus Research Limited, Vancouver, Canada, Pages 25-35.
22. Onokala, P.C. (1980) "An Application of the Transportation Problem of Linear Programming to the Evacuation of Palm Kernels in Nigeria" *Nigerian Journal of Economic and Social Studies*, Vol. 22, No. 3. November, Pages 1-36.
23. Onokala, P.C. (1982) "Optimal Patterns for the Evacuation of Cocoa in Nigeria" *Nigerian Geographical Journal*, Vol. 25, No. 3 Pages 1-30.
24. Onokala, P.C. (1994a) "The Development of Road Transportation and Trade in Igbo-Ukwu Region" in *Nigerian Heritage*. Vol. III, Pages 115-135.
25. Onokala, P.C. (1994b) "The Effect of Land Use on Road Traffic Accidents in Benin City, Nigeria" *Journal of Transport Studies*, Vol. I, No. 1, Department of Geography and Regional Planning, Ogun State University, Nigeria, Pages 35-45.
26. Onokala, P.C. (1995) "Environmental Impact of Road Transport Development Projects in Nigeria", in *Geography and Sustainable Development in Nigeria*. Published Conference Proceedings, University of Benin Press Ltd., (In Press).
27. Onokala, P.C. (1996) "Better Life Projects and Increased Accessibility From DFFRI Roads in Enugu State, Nigeria From 1986-1990". *Proceedings of the First International Conference on "Women in Africa and the African Diaspora: Bridges across the Academia"* Vol.1, Pages 263-282.
28. Onokala, P.C. (1997) "Impact of the Enugu-Onitsha Expressway in Southeastern Nigeria on the Socio-Economic Aspects of its Immediate Environment", in *Issues in Environmental Monitoring in*



*Nigeria*, by M.N. Daura, Published by the Nigerian Geographical Association, Pages 203-209.

29. Onokala, P.C. (1999) "Gender Issues and Challenges of Sustainable Development of the Nigerian Environment", *International Journal of Women's Studies*, Vol. 1, No. 2 Pages 117-125.
30. Onokala, P.C. (1999) "Gender Composition of Academic Staff and the Development of Social Sciences in Nigerian Universities", in *Journal of Social and Management Sciences (JSMS)*, University of Maiduguri, Pages 113-133.
31. Onokala, P.C. (2000) "Prospects of Information and Communication Technology (ICT) for the Development of Tourism in Nigeria, in Geocyberspace: Building territories on the Geographical Space of the 21<sup>st</sup> Century. *Proceedings of the IGU Commission on Communication Networks and Telecommunication Annual Conference and Pre-Congress Meetings*, Kwangju, Republic of South Korea, August, 2000, Pages 1-29.
32. Onokala, P.C. (2000) "Implications of the Adoption of Buses for Mass Transportation on Transport Policy in Nigeria" in *Proceedings of the 29<sup>th</sup> International Geographical Congress*, Seoul, Republic of South Korea, August, 2000, Pages 1-16.
33. Onokala, P.C. (2002) "Environmental Impact of Road Transport Development Projects in Nigeria" in *Geography and Sustainable Development in Nigeria: Philosophical and Conceptual Issues*. Gideon E.D. Omuta and Isi A. Ikhuoria (Editors), Nigerian Geographical Association, Ibadan.
34. Atubi, A.O. & Onokala, P.C. (2003) "Road Transportation and the Socio-Economic Development of the Niger Delta : A Case Study of Warri Metropolis" *Journal of the Social Sciences and Management Review*, Vol. 1, No. 1, pp 102-113.
35. Atubi, A.O. & Onokala, P.C. (2004a) "The Road Network Characteristics of Traffic Flow in South Western Nigeria : A Case of Lagos Mainland" *PeCop Journal of Environmental Design and Management in the Tropics*, Vol. 1, No, 1, pp 39-51.

36. Atubi, A.O. & Onokala, P.C. (2004b) "The Accessibility of Centres to the Road Networks: The Case of Lagos Island, Nigeria" *International Journal of Ecology and Environmental Dynamics*, Vol. 2 pp.140-150.
37. Atubi, A.O. & Onokala, P.C. (2005a) "Effective Road Transportation and Communication Network : A Basis for Rural Development and Transformation in Benin City Nigeria" *Journal of Economic and Development Issues*, Vol. 5, No. 1 & 2, pp 149 – 158.
38. Atubi, A. O. & Onokala, P. C. (2005b) "Seaports in National Development : A Study of Apapa Port Complex, Nigerian Ports Authority" *International Journal of Business and Common Market Studies*, Vol. 3, No. 1, pp 44-53.
39. Atubi, A.O. and Onokala, P.C. (2005c) "Effects of Population Increase on Transportation Facilities in Warri Metropolis, Nigeria" *Journal of Social and Policy Issues* Vol. 2 No. 1. Pages 49-55.
40. Atubi, A.O. & Onokala, P. C. (2005d) "The Effect of Traffic Congestion and Road Accidents in the Niger Delta State : The Case of Warri Metropolis" *Journal of Nigerian Academic Forum*, Vol. 9, No. 2, 25 -32.
41. Atubi, A.O. & Onokala, P.C. (2006a) "The Socio-economic Effects of Oil Spillage on Agriculture in the Niger Delta: A Case Study of Olomora, Delta State, Nigeria" *Journal of Environmental Studies*, Vol. 3, No. 1, pp 46-52.
42. Atubi, A. O. & Onokala, P.C. (2006b) "Analysis of Rural-Urban Transportation Pattern and Modes of Transportation in Delta State, Nigeria : A Case Study of Ubeji and Warri" *Journal of Nigerian Academic Forum*, Vol. 10, No. 2, pp 52-59.
43. Atubi, A.O. and Onokala, P.C. (2007a) "Seaport and National Development : A Geographical Appraisal of Tin Can Port in Apapa, Lagos, Nigeria" *Journal of Environmental Studies*, Vol. 3, No. 1. Pages 55-59.
44. Atubi, A. O. & Onokala, P.C. (2007b) "The Economic Importance of Inland Waterway Transportation in the Niger Delta : The Case of

Warri, Delta State” *Journal of Science, Engineering and Technology*, Vol. 2, Nos. 1 & 2, pp 32-39.

45. Atubi, A. O. & Onokala, P. C. (2007c) “Effect of Road Traffic Accident in the Niger Delta : A Case of Benin City” *International Journal of Environmental Issues* Vol. 5, Nos. 1 & 2, pp 184- 195.
46. Onokala, P. C. & Atubi, A.O. (2007) “Urban Transportation and Road Traffic Accidents in an Emergent Society : Matters Arising” *Journal of Nigerian Sociological Review*, Vol.2, No. 1, pp 190- 202.
47. Onokala, P.C. (2007) "A Critical Analysis of the Contribution of Road Transportation to Environmental Degradation in Nigeria" *Nigerian Journal of Social Sciences*, Vol. 4 No. 2, Faculty of the Social Sciences, University of Nigeria, Nsukka. Pages 189-210.
48. Ali, A.N. & Onokala, P.C. (2009) “Relative Accessibility of Major Centres of the Intra Urban Bus Service Route Network in the City of Enugu, Enugu State, Nigeria” *International Journal of Geography and Regional Planning*, Vol. 1, No. 1, Blackwell Educational Books, Nigeria, pp.
49. Atubi, A.O. & Onokala, P.C. (2009) “Contemporary Analysis of Variability in Road Traffic Accidents in Lagos State, Nigeria”, *African Geographical Review*, 28. Copyright © by the African Speciality Group of the Association of American Geographers, pp 11- 31.
50. Onokala, P.C. & Ali, A.N. (2010) “The Potential Role of Sustainable Urban Transportation in the Reduction of Greenhouse Gases (GHG) Emissions in Nigeria” in *Conference Proceeding on Climate Change and the Nigerian Environment at the University of Nigeria, Nsukka* in July, 2009. pp 625 – 643.
51. Onokala, P.C. (2011) “Climate Change and the Need for Curriculum Development in Geography”, *Nigerian Geographical Journal*, Vol. 7, pp 1-17.
52. Onokala, P. C. (2012) “Developing an Integrated and Intermodal Transportation System for Nigeria”, *Nigerian Geographical Journal*, Vol. 8, pp 1-35.

53. Onokala, P.C. (2012) “Transportation as Social Services in Nigeria” *Conference Proceedings*, University of Benin, Benin City, Nigeria.
55. Ajaero, C.K. & Onokala, P.C. (2013) “The Effects of Rural-Urban Migration on Rural Communities of Southeastern Nigeria” *International Journal of Population Research*, Volume 2013, Article ID 610193, 10 pages, Hindawi Publishing Corporation.

## **20. AREAS OF SPECIALIZATION**

- (i) Transportation Geography
- (ii) Quantitative Techniques in Geography
- (iii) Environmental Impact Assessment of Transport Infrastructure
- (iv) Gender Studies

## **21. RESEARCH INTERESTS**

- (i) Analysis of Transportation Systems
- (ii) Urban Transportation Problems
- (iii) Traffic Accidents in Developing Countries
- (iv) GIS and Transportation

## **22. EXTRACURRICULAR ACTIVITIES**

- (i) Music
- (ii) Dancing
- (iii) Gardening
- (iv) Sewing
- (v) Cooking