

**OMOTAYO, Akinwunmi Moses**

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Department: Agric. Ext. & Rural Development

Academic Rank: Professor

Current position: Director, UNAAB Consult Ltd.



**Research interest:** Participatory Technology Development and Appraisal  
Extension programme impact assessment  
Media use in extension and their impact  
Farming systems analysis  
Livestock and land use systems analysis  
Participatory Geographical Information Systems (PPGIS).

## Detailed Resume

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### ACADEMIC DEGREES WITH DATE

- Ph.D. 1995
- M.Sc. 1984
- B.Sc. 1983
- NCE 1979

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### INSTITUTIONS ATTENDED WITH DATE

- Natural Resources Institute, University of Greenwich, Chatham Maritime, UK  
Jan.-March, 2001
- Ahmadu Bello University, Zaria, Nigeria 1989-1995
- Virginia State University, Petersburg, USA 1983 – 1984
- Virginia State University, Petersburg, USA 1982 - 1983
- Ahmadu Bello University (Federal College of Education) 1976 – 1979

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### MEMBERSHIP OF PROFESSIONAL BODIES

- Agricultural Extension Society of Nigeria (Life Member)
- Association for Farming Systems Research and Extension (World wide) (Member)
- Association for International Agricultural and Extension Education.(Member)
- Nigeria Participatory Rural Appraisal Network (NIPRANET) (Member)
- African Association for Farming Systems Research Approach to Research, Extension and Training(AFSRARET) (Member)
- Nigerian Rural Sociological Association. (Member)
- International Association for Sustainable Agricultural Development (Executive member)

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### PRIZES, HONOURS, NATIONAL AND INTERNATIONAL RECOGNITION

- Federal government of Nigeria overseas scholarship award (To study in the United States of America 1982 -1984)
- American University Deans List (May, 1983)

- International Institute of Environment and Development (IIED) Dry Lands Small Grants Fund for thesis writing (For PhD thesis completed 1995)
- Wellcome Trust Research Grant for population Studies (Awarded January 2000, completed in December, 2002)
- African Studies Centre, Leiden, the Netherlands, Visiting Fellows Award, April to July 2002
- Wellcome Trust Research Grant award on Health Consequences of Population Change in Developing countries (2003- August, 2005)

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### **COURSES TAUGHT**

- ARD 508 - Programme, planning Monitoring and Evaluation
- ARD 701 -Principles and practices of Agricultural Extension PG
- ARD 704 -Programme, planning Monitoring and Evaluation PG

### **POSTGRADUATE STUDENTS SUPERVISION**

- I have produced five PhD and eleven Masters Degree holders. I am currently supervising three PhD candidates and on the supervisory committee of four Masters degree students

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### **RESEARCH CONDUCTED**

1. Analysis of the impact of animal traction in Katsina State, Nigeria ( PhD thesis- Supported by the International Institute of Environment and Development (IIED))
2. A survey of the potentials of animal traction in the humid zone of Nigeria 1997 – 1998
3. Population dynamics and livelihood systems among settled pastoralists in southwestern Nigeria (Sponsored by the Wellcome Trust UK)
4. Health consequences of population change among settled Fulani pastoralists in southwestern Nigeria (Sponsored by the Wellcome Trust UK)
5. Mapping of Ofada rice production areas in southwestern Nigeria (Sponsored by PROPCOM/DFID)
6. Commercial demand for soybeans in Nigeria (Sponsored by PROPCOM/DFID)
7. The role of the three tiers of government in agricultural development in Nigeria (Sponsored by the International Food Policy Research Institute IFPRI)

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## PUBLICATIONS

### Journal papers

1. Omotayo A. M. and Arokoyo J.O. (1993): "Issues and Trends in Human Resources Development in Nigerian Agricultural Extension" The *Nigerian Journal of Agricultural Extension* Vol. 7, No.1 Pp 40 -49.
2. Chikwendu D. O. and Omotayo A. M. (1993): " Making Fertiliser Available To Small Scale Farmers: Rural Development Policy Options for Nigeria". *Phillipine Journal of Public Administration*; vol. 37: 2, April 1993 Issue. Pp 189 - 199.
3. Omotayo A. M.; Chikwendu D. O.; Arokoyo J. O. and Ajala K. M. (1993): "Role Perception and Job Performance of Village Extension agents under the Training and Visit Extension System in Nigeria: A case study of Kaduna State Agricultural Development Project" *Agricultural Systems in Africa*, Vol. 3 No 2 Pp. 74 - 83
4. Chikwendu D.O., C.C.Chinaka and A.M. Omotayo (1994):"Adoption of Mini-sett Technique of Seed Yam Production by Farmers in Cross River State of Nigeria" *Agricultural Systems in Africa* Vol 4 (1) Pp. 59-68.
5. Omotayo A. M., Akpoko J.G. and Koroma A.S. (1995) "The Performance of Small-Scale Farmers Under Private Extension Agencies: A Case Study of Afcott Nigeria Plc." *Agricultural Systems in Africa* Vol 5 No 2, Pp. 27 - 34.
6. Chikwundu D.O., Omotayo A.M. and Iwuanyanwu I.E.J. (1995) "Livestock Co-operative Extension: A Viable Option Under the Unified Training and Visit Extension System in Nigeria". *The Nigerian Journal of Agricultural Extension*. Vol 9 no. 1 Pp103-118
7. Omotayo A. M., Atala T. K. And Ogunwale S. A.(1996) " Animal Traction Ownership and Utilisation in Nigeria: Farmers Characteristics are Determinants" *Journal of Extension Systems* 12 No1 pages 91 - 107

8. Sanni S. A. and A. M. Omotayo (1996) Economics of animal traction technology in integrated crop- livestock farming systems in Katsina state Nigeria. *Nigeria Journal of Rural Economy and Society* (1) 2; Pp 29-38
9. Omotayo A.M., Chikwendu D.O., and Auta S. J., (1997) "Communicating Agricultural Innovations To Women Farmers By Radio: A Study of its Effectiveness and Impact in a Village in Nigeria": Published in the *Journal of Development Communication*, Vol. 5 No.2,pages 35 - 48.
10. Omotayo A., D.O. Chikwendu, M. B. Zaria, J. O. Yusuf and Z. E. Omenesa (1997) "Effectiveness of Radio in the dissemination of improved farming practices in Nigeria" *Journal of Extension Systems* Vol. 13. No. 2. Pp 99 - 120.
11. Omotayo A. M. D. O.Chikwendu and J.O. Arokoyo (1997) "Professional role and family role conflict among WIA agents under the T&V extension system in Nigeria" *The Nigerian Journal of Rural Economy and Society* Vol 1 No 3 pages 24 -32
12. Omotayo A. M.(1998) "The Impact of Animal Traction in a Semi-Arid Farming System in Nigeria" *Quarterly Journal of International Agriculture Vol 37 No 2 April – June* Pages 116 - 132
13. Amos T.T., Chikwendu, D. O.and Omotayo A. M. (1998) " Analysis of growth in area, production and productivity of groundnut in Nigeria" *The Nigerian Journal of Agricultural Extension*, 11 (1&2) pp 151-162.
14. Omotayo A. M. and Musa M. W. (1999) "The Role of Indigenous Land Classification and Management Practices in Sustaining Land Use System in the Semi-Arid Zone of Nigeria" *Journal of Sustainable Agriculture* Vol 14 (1) pages 49 - 58
15. Omotayo A, I.F. Adu and A.B.J. Aina (1999) "The evolving sedentary lifestyle among nomadic pastorlaists in Southwest Nigeria: Implications for land use policy" *The*

*International Journal of Sustainable Development and World Ecology*” Vol. 6 pages 1 - 9.

16. Adu I. F., A. M. Omotayo , A.B. J. Aina and A. O.. Iposu (2000) “The potentials of animal traction in Ogun State” *Nigerian Journal of Animal Production* Vol.27 No.1 Pages 95 - 98

17. Chikwendu D. O. , A. M. Omotayo, J. O. Yusuf, and Z. E. Omenesa (2000) Effectiveness of extension publications in disseminating information on improved farm practices in Nigeria. *The Nigerian Journal of Rural Economy and Society* 1 (5): Pp51-56

18. Omotayo A. M., D. O. Chikwendu and K. Adebayo (2001) “Two decades of World Bank assisted agricultural extension services in Nigeria: Lessons and challenges for the future” *Journal of Agricultural Education and Extension*. Vol. No. Pp 143-151

19. Omotayo A. M. (2002) “A land use system and the challenge of sustainable agro-pastoral production in South western Nigeria” *The International Journal of Sustainable Development and World Ecology* Vol 9. Pp 369-382.

20. Adebayo, K., Omotayo, A. M., Garforth, C. J. and Awotunde, M. (2002). "Small farmers' perception of the characteristics of new farm practices in Ogun State, Nigeria." *Journal of Extension Systems*. 18 (December-2002)Pp 79-92.

21. Omotayo A. M. (2003) “Ecological implications of Fulani pastoralism in south western Nigeria. *Land Degradation and Development* (14 ) Pp 445-457

22. Omotayo A. M. (2004) “ Fertility and reproductive health among settled pastoral Fulani women in South Western Nigeria” *African Journal of Reproductive Health*

23. Omotayo A. M., U. F. Ekpo and M. A. Dipeolu (2005) “Prevalence and clinical profile of malaria among settled pastoral Fulani populations in southwest Nigeria” *Tropical Medicine and International Health*.

24. Uwem F. Ekpo<sup>1</sup>, Akin M. Omotayo, Morenike. A. Dipeolu (2008) Changing lifestyle and prevalence of malnutrition among settled pastoral Fulani children in southwest Nigeria *Annals of Agriculture, Environment and Medicine* (15) 187-191
25. Ekpo, U.F., **Omotayo, A.M.**, Dipeolu, M.A. (2008). Prevalence of malnutrition among settled pastoral Fulani children in southwest Nigeria. *BMC Research Notes*, **2008**, 1:7
26. Ekpo, U.F., **Omotayo, A.M.**, Dipeolu, M.A (2008). Sedentarization and prevalence of malaria and anaemia among settled pastoral Fulani in Southwest Nigeria. *Nigerian Journal of Parasitology* **29(2)**: 125-130.
27. Ekpo, U.F., **Omotayo, A.M.**, Dipeolu, M.A (2009). Sedentism and malnutrition among nomadic Fulani children in south western Nigeria. *African Journal of Food, Agriculture, Nutrition and Development* **9(1)**: 536-549.
28. Fabusoro E., Omotayo A.M., Apantaku S. O.and Okuneye P. A. (2010): Forms and determinants of rural livelihood diversification in Ogun State. *Journal of Sustainable Agriculture* 34: 4. 417-438

### Chapters in Books and Papers in Edited Proceedings

29. Omotayo A. M. and Idisi P. O. (1990): Promoting the Adoption of Animal Traction in Nigeria: Some Relevant Issues. In Lawrence P. R., Lawrence K., Dijkman J. K., and Starkey, P.H., (Editors) *Research for the Development of Animal Traction in Africa: Proceedings of the 4<sup>th</sup> Workshop of the West African Animal Traction Network*;, Kano, Nigeria. 9-13 July, pages 248 to 252.
30. Omotayo A. M. (1991) The structure, content and conduct of fortnightly training under the T& V extension system In NAERLS ( Editor) *Proceedings of the specialized training workshop on the roles of the Subject Matter Specialist in the Agricultural Development Projects*. NAERLS, Ahmadu Bello University, Zaria, Nigeria: Pp 28-40
31. Omotayo A. M. (1994) The expected roles of the human resources development unit in implementing the T & V extension system in Nigeria. In NAERLS (Editor) *Proceedings of*

*the Training workshop on training the trainers in the Agricultural Development Projects in Nigeria.* National Agricultural Extension and Research Liaison Services, Ahmadu Bello University, Zaria, Nigeria. Pp 1-8.

32. Omotayo A. M. (1993) "Identifying Economic Ventures for Development of Rural Women" In Akinbode A. I. and Afolami C. A. (Eds) *Strategies for mobilising Rural Women for Economic Ventures*. UNAAB proceedings No. 4 pages 30 -38.
33. Omotayo A. M. and Arokoyo J. O. (1994) An Assessment of the use of Contact Farmers in the Training and Visit Extension System in Nigeria: *Refereed paper published in the proceedings of the 10<sup>th</sup> Annual conference of the Association for International Agricultural and Extension Education (AIAEE)* Section I, pages 1 - 8.
34. Zaria M. B., Arokoyo J. O., Omotayo A. M. and Akpoko, J. G. (1994) "Extension Issues and Priorities from a multi-sectoral perspective" *In Issues and Priorities for Nigeria's Agricultural Extension in the Twenty First Century*: Afolayan S.O. and Akinbode A.I.(Editors)Proceedings of the inaugural conference of the Agricultural Extension Society of Nigeria". Feb 28 - 3<sup>rd</sup> March, ARMTI, Ilorin; Pages 89 to96.
35. Omotayo A.M., J. O. Arokoyo, and J. G. Akpoko (1995)" Approaches to technology generation and dissemination in Nigeria: an overview. In Akinbode A. I, (Editor) *Proceedings of the annual conference of the Agricultural Extension Society of Nigeria* Pp 33- 42
36. Omotayo A. M. and I. D. Erinle (1995) Resource development in Agricultural Extension In. A. A. Jibowo (Editor) *Proceedings of the annual conference of the Agricultural Extension society of Nigeria,* Obafemi Awolowo University, Ile Ife. Pp 150- 159
37. Omotayo A. M. (1995) Transfer of technology in the production of fruits and vegetables. In NAERLS (Editor) *Vegetable and fruits production*. Proceedings of the workshop held at the National Agricultural Extension and Research Liaison Services, Ahmadu Bello University, Zaria. Pp 172-184



38. Arokoyo J.T. and Omotayo A. M. (1995) Lessons and Experiences From an NGOs Approach to Technology Transfer in Maize Production in the Northern Guinea Savanna of Nigeria. In B. Badu-Apraku, M.O. Akoroda, M. Oudraogo and F. M. Quin. (Editors) *Contributing to Food Self-sufficiency: Maize Research and Development in Africa. Proceedings of a Regional Workshop of the West and Central Africa Maize Collaborative Research Network*. 29<sup>th</sup> May to 2<sup>nd</sup> June 1995 IITA, Cotonou, Benin Republic, Pages 134-139.
39. Omotayo A. M. (1996) Leadership and group dynamics. In NAERLS (Editor) Proceedings of the NAERLS/NALDA pre-season training workshop. National Agricultural Extension and Research Liaison Services, Ahmadu Bello University, Zaria, Nigeria Pp 56 -67
40. Zaria, M.B. and A.M. Omotayo (1997) "Improving Every Farmer's Access to Extension Services in Sub-Saharan Africa: Approaches and Challenges" In R.K. Samanta and S. K. Arora (Editors) *Management of Agricultural Extension in Global Perspectives*. BRPC Ltd. India, Chapter Six. Pages 67 to 83.
41. Omotayo A.M. and Musa M.W. (1998) "Land Classification and Management Practices by Farmers in a Semi-Arid Farming System in Nigeria" In Klaus D. Becker *et al* (Editors) *Soil Fertility Management in West African Land Use Systems*. University of Hohenheim, Stuttgart, Germany. (Published as short communication). P.543
42. Omotayo A. M. T.K. Atala and S.A. Ogunwale (1998) "Animal Traction Ownership Structure and Utilization in a Semi-Arid Farming System in Nigeria" In Taye Bezuneh, Souleymane Ouedraogo, Joseph Menyonga, Jean-Didier Zongo and Mahama Ouedraogo (Editors) *Towards Sustainable Farming Systems in Sub-Saharan Africa*. Published by the African Association for Farming Systems Research Approach to Research, Extension and Training, Ouagadougou, Burkina Faso. Pages 443 to 452.
43. S.T.O. Lagoke, L Aliyu, J. Kling, R. J. Karsky, A. Omotayo, S. K. Kim and J. Shebayan, (2002) "Integrated management of Striga Hermonthica in Maize in the Northern Guinea

Savannah of Nigeria” In Lagoke S.T.O. and S. S. Mboob (Editors) Integrated Striga Management Technologies – From Research to Farmers. Proceedings of the Fourth Pan African Striga Control Network Workshop (PASCON) Bamako, Mali 28<sup>th</sup> October to 1<sup>st</sup> November 1996

44. **Omotayo A. M.** (2002) Demographic change, agro-pastoral production and the quest for sustainable land use system in south western Nigeria. In Li Dajue (Editor) Proceedings of the Second International Conference on sustainable agriculture for food, energy and industry, held at the Institute of Botany, Chinese academy of Sciences, Beijing, China. September 8 – 13. 2002, Pp. 18-30

45. Omotayo A. M. (2002) Perspective on rural development in Nigeria. In Oso, Lai (Editor) Communication and Development – A reader: Jedidah Publishers Abeokuta Nigeria. Pp 29 – 44

46. Omotayo A. M. (2003) Population of settled pastoralists in south western Nigeria: Size, structure, distribution and their effects on land use. In J. O. Gefu. (Editor) ***Land Tenure Systems in Nigeria- Evolving effective land use policy for poverty alleviation.*** Proceedings of the Nigeria land Network workshop Held at the Aforestation Programme Coordinating Unit, Kano 11<sup>th</sup> – 13<sup>th</sup> February 2002, Pp 79-83