

## CURRICULUM VITAE

A. **NAME:** AKINOLA, Adebayo Akinboye  
**ADDRESS:** House 5, Road 12, Senior Staff Quarters,  
ObafemiAwolowo University, Ile-Ife  
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**MOBILE PHONE NUMBERS:** +2348069682203  
**DATE OF BIRTH:** 21<sup>st</sup> March, 1970  
**MARITAL STATUS:** Married  
**GOOGLE SCHOLAR:** [https://scholar.google.com/citations?user=\\_x-yzGgAAAAJ&hl=en](https://scholar.google.com/citations?user=_x-yzGgAAAAJ&hl=en)  
**RESEARCGGATE:** <https://www.researchgate.net/profile/Adebayo-Akinola>

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A Professor and Head, Department of Agricultural Economics, Obafemi Awolowo University, Ile-Ife, Nigeria, where he has been teaching, undertaking research, and advocacy (involving gender, youth, male, and female) on economic, social, and development policy issues for more than 20 years. He has been involved in value chain analysis, technology evaluation combined with dissemination and impact assessment of several projects in sub-Saharan Africa. He has published many peer reviewed articles and numerous reports, conference papers, extension materials, and policy briefs on a wide range of issues facing the agricultural and food system in Africa. His research work covers a wide range of rural economic issues, including seed systems, value chains, farm-level efficiency, and technology evaluation and transfer for enhanced food security, better nutrition, and poverty reduction. His more recent research interests focus on innovation systems and how they can help increase technology uptake by smallholder farmers. He is a proactive and determined scientist with a superior work ethic, aimed at improving the livelihoods and attaining food security in sub-Saharan Africa.

### B. EDUCATIONAL BACKGROUND

#### 1. Higher Educational Institutions Attended and Dates:

- |       |  |   |             |
|-------|--|---|-------------|
| (i)   | Obafemi Awolowo University, Ile-Ife, Nigeria | - | 1990 - 1996 |
| (ii)  | Obafemi Awolowo University, Ile-Ife, Nigeria | - | 1998 - 2003 |
| (iii) | Obafemi Awolowo University, Ile-Ife, Nigeria | - | 2004 - 2008 |

#### 2. Academic Qualifications with Dates:

- |       |   |   |      |
|-------|---|---|------|
| (i)   | B. Agric. (Agric. Econs.), Ife (Second Class –Upper Division) | – | 1996 |
| (ii)  | M. Sc. (Agric. Econs.), Ife                                   | – | 2003 |
| (iii) | Ph.D. (Agric. Econs.), Ife                                    | – | 2008 |

#### 3. Others Distinctions and Awards with Dates:

- (a) Scholarship: Nil
- (b) **Fellowship:**
  - (i) Fellowship on Balanced Nutrients Management Systems Technologies (Land Enhancing Technologies), sponsored by Katholieke Universiteit, Leuven, and the International Institute of Tropical Agriculture (IITA), Ibadan 2004-2007
- (c) **Research Grants:**
  - (i) Grant for the Ex Ante Impact Assessment of Integrated Agricultural Research for Development (IAR4D) in Nigeria, Niger, Zimbabwe, Mozambique, Malawi, Rwanda, Democratic Republic of Congo, and Uganda, sponsored by Forum for Agricultural Research in Africa (FARA), Ghana. 2010
  - (ii) Grant for Bibliographic Review of Impact Assessment and Adoption Studies on Roots and Tubers: A Contribution to the Current CGIAR Research Program on Roots, Tubers, and Bananas (CRP-RTB) in Africa, sponsored by the International Institute of Tropical Agriculture, IITA, Ibadan. 2012
  - (iii) Grant for the Nigeria Country Plan Baseline and Varietal Monitoring Survey towards Understanding the Data to Establish Current Levels of Agricultural Outcome Indicators for Key Crops and Livestock, and Adoption and Productivity Targets, sponsored by the Bill and Melinda Gates Foundation 2017
  - (iv) Grant for Study on Climate Change in Ghana on the Assessment of Smallholder Farmers' Perceptions and Strategies for Adaptation to Climate Change in Brong Ahafo and Upper West Regions of Ghana, sponsored by CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) 2017
  - (v) Grant for Food Systems for Healthier Diets on Strengthening the Food Systems for Healthier Diets in Nigeria, supported by the International Institute of Tropical Agriculture (IITA), Ibadan 2017
  - (vi) Grant for Training in large demand systems modeling using SAS, Supported by the Agricultural & Applied Economics, University of Georgia 2019
  - (vii) Grant for Training in Analysis of Large Cross-Sectional Data Using STATA, Supported by the Bill and Melinda Gates Foundation, USA 2019

- (viii) Grant to Attend the African Association of Agricultural Economists, Supported by the Bill and Melinda Gates Foundation, USA  
2019
  - (ix) Grant for the Review of the Nigeria Food System, Supported by the International Institute of Tropical Agriculture (IITA), Ibadan  
2019
  - (x) Grant for IMAGE Nigeria Varietal Monitoring Survey, Supported by the Bill and Melinda Gates Foundation, USA  
2020-2022
  - (xi) Principal Investigator, National Research Fund of the Tertiary Education Trust Fund, sponsored by the Nigerian Government  
2021 – 2024
  - (xii) Principal Investigator, Institutional Based Research (IBR), sponsored by the Nigerian Government.
- (d) Awards:**
- (i) Professor Kenneth Herald Parson Prize in Land Economics for the Best Graduating Student with the Highest Score in the Land Economics Course  
1996
  - (ii) Professor Hezekial Adedunmola Oluwasanmi Memorial Prize for the Best Student with the Highest CPGA in the Department of Agricultural Economics  
1996
  - (iii) Professor Kenneth Herald Parson Prize in Agricultural Marketing for the Best Graduating Student with the Highest Score in the Agricultural Marketing Course  
1996
  - (xiii) Professor Caleb Adeniyi Osuntogun Prize for the Best Student with the Highest CPGA in the Department of Agricultural Economics  
1996
- (e) International Award:**
- (i) Second Best Scientific Presentation: Annual Conference of African Association of Agricultural Economists, La Palm Beach Hotel, Ghana: August 20<sup>th</sup> -23<sup>rd</sup>, 2007

## **C. WORK EXPERIENCE**

### **1. Work Experience outside the University System with Dates:**

- (i) Teaching as a National Youth Service Corps (NYSC) Member in Shell Assisted School, Otuasega Community High School, Bayelsa State – 1997 - 1998

### **2. Work Experience in Other Universities with Dates: Nil**

### 3. Work Experience in the Obafemi Awolowo University

(i)	Stock-taker, Audit Unit, Obafemi Awolowo University, Ile-Ife	1989 - 1990
(ii)	Graduate Assistant, Department of Agricultural Economics	2002 - 2003
(iii)	Assistant Lecturer, Department of Agricultural Economics	2003 - 2008
(iv)	International Association of Research Scholars and Fellows	2004 - 2008
(v)	Lecturer I, Department of Agricultural Economics	2008 - 2011
(vi)	Senior Lecturer, Department of Agricultural Economics	2011 – 2015
(vii)	Visiting Scientist, International Institute of Tropical Agriculture	2011 – to date
(viii)	Associate Professor, Obafemi Awolowo University, Ile-Ife	2015 – 2018
(ix)	Professor, Obafemi Awolowo University, Ile-Ife	2018 – to date
(x)	Head, Department of Agricultural Economics, OAU., Ile-Ife	2021 - to date

### 4. Courses Being Jointly Taught in the Current Session:

Co-taught the following courses:	Units	Participation
AEC301: Statistics and Biometrics	(3 units)	(33%)
AEC501: Fundamentals of Econometrics	(3 units)	(33%)
AEC503: Agricultural Mathematics	(3 units)	(50%)
AEC506: Land Economics	(3 units)	(50%)
AEC516: Environmental Resource Economics	(3 units)	(50%)
AEC602: Advanced Econometrics	(3 units)	(50%)
AEC603: Advanced Mathematics for Agric. Economics	(3 units)	(50%)
AEC606: Advanced Resource Economics	(3 units)	(50%)
AEC609: Advanced Statistics	(3 units)	(50%)

### 5. Graduate Student Supervision:

#### (a) By Research: 11

- (i) OLATIDOYE Muyiwa Sunday (AGP05/06/10/H/2389) “Economic Analysis of Grasscutter Management Systems in Osun State, Nigeria”, M.Sc. Thesis (2011).
- (ii) OWOMBO Paul Temegbe (AGP09/10/R/075) “Factors Influencing Investment Decisions in Land Conservation Techniques in Ondo State, Nigeria”, M.Sc. Thesis (2012).
- (iii) OGUNDAINI Ibidunni Olufunmilayo (AGP11/12/H/2659): “Effects of Climate Change on Maize Production”, M.Sc. Thesis (2015).
- (iv) ILORI Leke Olatunji (AGP11/12/H//2650) “Climate Change and Vulnerability of Roots and Tubers in South-Western Nigeria”, M.Sc. Thesis (2015).
- (v) ADETUNJI Toyin Rebecca (AGP11/12/H/1434) “Resource Use Efficiency and Varietal Gaps in South-Western Nigeria”, M.Sc. Thesis (2015).
- (vi) OSENI Rahmat Olaitan (AGP13/14/H/0828) “Effects of Institutional Factors on the Adoption of Fertilizers among Cocoa Farmers in Ondo State, Nigeria”, M.Sc. Thesis (2016)

- (vii) OWOMBO Paul Temegbe (AGP12/13/H/0439) “Effects of Integrated Pest Management on Maize Production and Food Security in Edo and Delta States, Nigeria”, Ph.D. Thesis
- (viii) OKPAKO-UYEM Caleb Emamowho (AGP14/15/H/0472) “Assessment of Environmental Hazards, Coping Strategies and Food Security in Oil Producing Areas of Delta State, Nigeria” , M.Sc. Thesis (2017)
- (ix) FAMUYINI Clement Adefarati (AGP15/16/H/0098) “Economic Analysis of On-Farm Weed Control Trials in Cassava/Maize Intercrop in Oyo State, Nigeria” M.Sc. Thesis Ready for Defense, (Completed)
- (x) OSENI Rahmot Olaitan (AGP16/17/H/0708), Ph.D. Course Work Completed (Completed)
- (xi) OLUROTIMI Peter Oluwatobi (AGP16/17/H/0292), Ph.D. Course Work Completed (Completed)
- (xii) ADEDEJI Tosin Elijah (AGP15/16/R/0047), M.Sc. Course Work (Completed)
- (xiii) AINA Oluwaseun (AGP16/17/H/0043), (**On-going**)

(b) **By Long Essay:** Nil

(c) **Current Undergraduate Supervision (in Details of Professional Experience, indicating Institution, Levels of Responsibilities with Dates:** 3

#### D. MEMBERSHIP OF PROFESSIONAL BODIES (with dates)

- |  |              |
|--|--------------|
| 1. Farm Management Association of Nigeria                              | 2002 to date |
| 2. Nigerian Association of Agricultural Economists                     | 2002 to date |
| 3. International Association of Research Scholars and Fellow (IARSAF). | 2004 - 2007  |
| 4. African Association of Agricultural Economists                      | 2007 to date |
| 5. International Association of Agricultural Economics                 | 2015 to date |

#### E. PUBLICATIONS

##### 1. Theses/Dissertations

- (i) **Akinola, A. A.** (2003) “Maize Marketing in Osun State, Nigeria” M. Sc Thesis, Department of Agricultural Economics, Obafemi Awolowo University, Ile-Ife, 117p
- (ii) **Akinola, A. A.** (2008) “Effects of Balanced Plant Nutrient Management Systems Technologies on Food Security and Poverty in Selected Villages of Kaduna State in Northern Guinea Savanna of Nigeria” Ph.D. Thesis, Department of Agricultural Economics, Obafemi Awolowo University, Ile-Ife, 223p.

##### 2. Books/Monographs:

- (i) **Authored:** Nil
- (ii) **Edited:** Nil
- (iii) **Contribution to Books:**

- (i) Abdoulaye, T., Bamire, A. S., **Akinola, A. A.**, Alene, A., Menkir, A. and Manyong, V. (2017) Constraints in Adopting Improved Technologies for Maize Cultivation: The Case of Africa. In: D. Watson (Eds): Achieving Sustainable Cultivation of Maize, 1; From Improved Varieties to Local Applications, 330pp, Burleigh Dodds Science Publishing Limited, UK

### 3. (a) Published Journal Articles:

- (ii) Ajobo, O., Tijani, A. A. and **Akinola, A. A.** (2004). Socio-Economic Variables in the Management of Cocoa Farms: Ondo State, Nigeria. *LASU Journal of Economics*, 1 (2): 166-181, **Nigeria**.
- (iii) Ajobo, O., Tijani, A. A. and **Akinola, A. A.** (2004). Pollution Externalities and Farm Enterprise Profitability in Agbara Industrial Estate, Ogun State, Nigeria. *LASU Journal of Economics*, 1 (2): 182-190, **Nigeria**.
- (iv) Alimi, T., Ayanwale, A. B., Bamire, A. S. and **Akinola, A. A.** (2006). Maize Grain Production in Nigeria: An Ordinary Least Squares Analysis. *The Nigerian Journal of Agricultural and Rural Management*, 8 (1): 1-16, **Nigeria**.
- (v) Bamire, A. S., Olubode, O. O. and **Akinola, A. A.** (2005). Socio-economic Analysis of Smallholder Land Management Practices in Rice – Based Production Systems in Nigeria. *Eastern Africa Journal of Rural Development*, 21 (1): 119-136, **Uganda**.
- (vi) **Akinola, A. A.**; Alene, A. D. and Adeyemo, R. (2007) Determinants of Adoption of Balanced Nutrient Management Systems Technologies in the Northern Guinea Savanna of Nigeria: A Multinomial Logit Approach. *International Journal of Agricultural Economics & Rural Development*, 4 (2): 2011, **Nigeria**.
- (vii) Bamire, A. S., **Akinola, A. A.**, Olubode-Awosola, O. O. and Oyewusi, G. (2008). Comparative Economic Analysis of Crop-Livestock Integration among Smallholder Maize Farmers in the Derived Savanna Zone of Southwestern Nigeria. *Ife Journal of Agriculture*, 23 (1): 86-103, **Nigeria**.
- (viii) **Akinola, A. A.** and Adeyemo, R. (2008). Adoption and Productivity of Improved Rice Varieties in Osun State, Nigeria. *Ife Journal of Agriculture*: 23 (1): 104-116, **Nigeria**.
- (ix) **Akinola, A. A.**, Alene, A. D., Adeyemo, R., Sanogo, D., and Olanrewaju, A. S. (2009). Impact of Balanced Nutrient Management Systems Technologies in the Northern Guinea Savanna of Nigeria. *Journal of Food, Agriculture and Environment*: 7(2): 496-504, **Finland**.

- (x) **Akinola, A. A.**, Alene, A. D. Adeyemo, R., Sanogo, D., and Olanrewaju, A. S. (2009). Economic Impacts of Soil Fertility Management Research in West Africa. *African Journal of Agricultural and Resource Economics*: 3 (2): 159-175, **South Africa**.
- (xi) **Akinola, A. A.**, Alene, A. D., Adeyemo., R., Sanogo, D., Olanrewaju, A. S.; Nwoke, C., and Nziguheba, G. (2010). Determinants of Adoption and Intensity of Use of Balanced Nutrient Management Systems Technology in the Northern Guinea Savanna of Nigeria. *Quarterly Journal of International Agriculture*: 49 (1): 25-45, **Germany**.
- (xii) Adeyemo, R., Oke, J. T. O. and **Akinola, A. A.** (2010). Economic Efficiency of Small-Scale Farmers in Ogun State, Nigeria. *Tropicicultura*: 28 (2): 84-88, **Belgium**.
- (xiii) **Akinola, A. A.** and Eresama, P. C. (2010). Economics of *Amaranthus cruentus* Production under Tropical Conditions. *International Journal of Vegetable Science*: 16 (1): 32-43, **U. S. A.**
- (xiv) Adeyemo, R. and **Akinola, A. A.** (2010) “Productivity of Cassava, Yam and Maize under Tropical Conditions”. *International Journal of Vegetable Science*: 16 (2): 118-127, **U. S. A.**
- (xv) **Akinola, A. A.**, Adeyemo, R., and Alene, A. D. (2010). Adoption of Land-Enhancing Technologies in the Northern Guinea Savanna of Nigeria. *The Indian Journal of Economics*: No. 359, Part-IV, Vol. XC, ISSN 0019-5170: 1303-1321. **India**.
- (xvi) Ayanwale, A. B., **Akinola, A. A.**, Adekunle, A. A., Emechebe, A., Abdoulahi, T. and Adeyemo, V. A. (2011) “Ex-Ante Evaluation of the Economic Impact of Adoption of the IAR4D Concept in the KKM PLS of the SSA CP: The Case of Maize in the Sudan Savanna Taskforce” *Learning Publics Journal of Agriculture and Environmental Studies*: 2 (1): 161- 179. **Ghana**.
- (xvii) Tijani, A. A., **Akinola, A. A.** and Sofoluwe, N. A. (2011). Analysis of Profitability of Synthetic and Naturally Occurring Pesticides in *Solanecio bialfrae* Production. *International Journal of Vegetable Science*. 17 (2): 137-143, **U. S. A.**
- (xviii) **Akinola, A. A.** and Sofoluwe, N. A. (2011). Economics of Bush Burning Practice among Yam Farmers in Oyo State, Nigeria. *Journal of Agriculture and Rural Development*: 8:78 – 86, **Swaziland**.
- (xix) **Akinola, A. A.** and Sofoluwe, N. A. (2012). Impact of Mulching Technology Adoption on Output and Net Return to Yam Farmers in Osun State, Nigeria. *Agrekon*: 51 (2): 75-92, **South Africa**.

- (xx) Owombo, P. T., **Akinola, A. A.**, Ayodele, O. O. and Koledoye, G. F (2012). Economic Impact of Agricultural Mechanization Adoption: Evidence from Maize Farmers in Ondo State, Nigeria. *Journal of Agriculture and Biodiversity Research*: 1 (2): 25-32 <http://www.onlineresearchjournals.org/JABR>, **U.S.A.**
- (xxi) **Akinola, A. A.** and Owombo P. (2012). Economic Analysis of Adoption of Mulching Technology in Yam Production in Osun State, Nigeria. *International Journal of Agriculture and Forestry*: 2 (1): 1-6, **Slovenia.**
- (xxii) Ayodele, O. O., **Akinola, A. A.** and Owombo P.T. (2012). Economic Efficiency of Land Improvement Techniques among Cassava Farmers in Kogi State, Nigeria. *Online Journal of Social Sciences Research*: 1 (5); 154-159. [www.onlineresearchjournals.org/JSS](http://www.onlineresearchjournals.org/JSS), **U.K.**
- (xxiii) Mignouna, D. B., Manyong, V. M., Mutabazi, K.D.S., Senkondo, E. M., Madulu, R.B., Labintan, C.A. and **Akinola, A. A.** (2012). Economic Analysis of Imazapyr-Resistant Maize Technology for Small Farm Households in Western Kenya. *Eastern and Southern Africa Journal of Agricultural Economics & Development* : 9: 572-580, <http://www.academicjournals.org/JDAE>, **U. S. A.**
- (xxiv) Ayanwale, A. B., Adekunle, A. A., **Akinola, A. A.** and Adeyemo, V. A. (2013). Economic Impacts of Integrated Agricultural Research for Development (IAR4D) in the Sudan Savanna of Nigeria. *African Development Review*: 25 (1): 30-41, **Kenya**
- (xxv) **Akinola, A. A.** and Adeyemo R. (2013). Effects of Property Rights on Agricultural Production: The Nigerian Experience. *Journal of Development and Agricultural Economics*: 5 (10): 382-389, <http://www.academicjournals.org/JDAE>, **New York, U. S. A.**
- (xxvi) **Akinola, A. A.**, Ikudayisi, J. O, and Ayedun, B. (2014). Property Rights and Adoption of Land Management Practices in Ekiti State, Nigeria. *International Journal of Agriculture and Forestry*, 4 (3): 217-223, DOI: 10.5923/j.ijaf.20140403.12, **U. S. A.**
- (xxvii)Owombo, P.T, **Akinola, A. A.**, Koledoye, G. F, Deji, O. F, Ayodele, O. O. (2013). Assessment of Potential Profitability of Amaranth Vegetable Production under Different Fertility Restoring Technologies in Ondo State, Nigeria. *Spanish Journal of Rural Development*, 4 (2): 67-74, 1-8, **Spain**
- (xxviii)Ayanwale, A. B., Adekunle A. A., **Akinola, A. A.** and Adeyemo, V. A. (2013). Analysis of the Potential Effects of Integrated Agricultural Research for Development (IAR4D) Concept in Uganda. *Ife Journal of the Humanities and Social Studies*, 1 (2): 1-18, **Nigeria.**

- (xxix) **Akinola, A. A.**, Maziya-Dixon, B. Ayedun B. and Abdoulaye T. (2014). Economics of Maize, Soybean and Cowpea Processing in the Northern Regions of Ghana. *Journal of Food, Agriculture & Environment*, 12 (2): 252-258, **Finland**
- (xxx) Ayanwale, A. B., Abdoulaye, T., Kamara, A. Y., Adekunle, A., Fatunbi, O., B., Ayedun, B. and **Akinola, A. A.** (2014). Determinants of Adoption of Agricultural Innovation and Profitability of Cereals and Legumes in Sudan Savanna of Nigeria (2014)". *Ife Journal of Agriculture*, 12, 95-110, **Nigeria**
- (xxxix) **Akinola, A. A.**, Ayedun, B., Abubakar, M., Sheu, M. and Abdoulaye, T. (2015). Crop Residue Usage and Its Determinants in Kano State, Nigeria. *Journal of Development and Agricultural Economics*, 7 (4), 162 – 173, **U. S. A.**
- (xxxvii) **Akinola, A. A.**, Baruwa, O. I., Ayodele, O. O., Owombo, P. T. (2015). Impact of Land Management Practices on Crop Production and Household Income of Farmers in Oyo State, Nigeria. *Spanish Journal of Rural Development*, VI (1-2): 1-8, **Spain.**
- (xxxviii) Owombo, P. T., **Akinola A. A.** and Akinboade, P. G. (2015). Economic Analysis of Fish Production in Oyo State, Nigeria: *Humboldt International Journal of Gender, Agriculture and Development*. 1 (1), 110-118, **Germany.**
- (xxxix)Owombo, P. T., Oaikhena, F., Idumah, F. O., **Akinola, A. A.** and Oladipupo, A. (2015). Does Land Tenure Security Matter for Adoption of Sustainable Agricultural Technology? Evidence from Agroforestry in Nigeria. *Journal of Sustainable Development in Africa*: 17 (6): 65-72, **U. S. A.**
- (xl) **Akinola, A. A.**, Abdoulaye T., Valbuena D., Erenstein O., Haileslasie, A., Germaine, I., Shehu, M. and Ayedun, B. (2016). Determinants of Crop Residue Use along an Intensification Gradient in West Africa's Savannah Zones: *Tropicultura*: 34 (4), 396-410, **Belgium.**
- (xli)Mignouna, D. B., Abdoulaye, T., **Akinola A. A.** Kamara, A. Y. and Oluoch, M. (2016). Understanding Market Participation Choices and Decisions of Maize and Cowpea Farmers in Northern Nigeria. *Tropicultura*: 34 (1): 26-39, **Belgium.**
- (xlii)Ayedun, B., Okpachu, G., Abdoulaye, T., Manyong, V., Bandyopadhyay, R., Atehnkeng, J., **Akinola, A. A.** and Abu G. A. (2017). An Assessment of Willingness To Pay by Maize and Groundnut Farmers for Aflatoxin Biocontrol Product in Northern Nigeria. *Journal of Food Protection*: 80 (9):1451-1460, **U. S. A.**
- (xliiii) Owombo, P. T., **Akinola, A. A.** and Afolayan, A. F. (2018) "Assessment of Food Insecurity Coping Strategies among Farming Households in Edo and Delta States, Nigeria". *Moor Journal of agricultural Research*, Ibadan, **Nigeria**
- (xliv) Ikudayisi O. J., T. Alimi, T. Abdoulaye, S. O. Ajala, J. H. Kaltungo and A. A.

Akinola (2019) Socio-Economic Determinants of Adoption of Improved Cowpea Varieties in Northern Nigeria. *International Journal of Agriculture and Development Studies*, 4(2), 34-41

- (xl) Mignouna, D. B. and **Akinola, A. A.** Abdoulaye, T., Alene, A.D., Manyong, V., Maroya, N. G., Aighevi, B. A., Kumar, L. P., Balogun, M., Lopez-Montes, A., Rees, B., Asiedu, R. (2020) Potential returns to yam research investment in sub-Saharan Africa and beyond. *Outlook on Agriculture* 2020, 49(3): 215–224
- (xli) Maziya-Dixon, B., Achterbosch, T., Adelekan, D., Adeyemi, O., Ajieroh, V., Akerele, D., **Akinola, A.**, Alamu, E., Berkum, S., Byrd, K., Nijhuis, A., Ojide, M., Onabolu, A., Onyibe, J., Raaijmakers, J., Samuel, F., Snoek, H., Adekunle, M. Y., and Brouwer, I. D. (2021) Food Systems for Healthier Diets in Nigeria: A Research Agenda. IFPRI Discussion Paper 02018. Pp96. International Food Policy Research Institute.  
<https://a4nh.cgiar.org/2021/05/07/food-systems-for-healthier-diets-in-nigeria-a-research-agenda/>, **U. S. A.**
- Xlii** Kehinde, M. A. Akinola, A. A., Kehinde, A. D. and Ogundeji, A. A. (2022). Agricultural Organizations and Adoption Of Soil Conservation Practices among Smallholder Farmers in Oyo State, Nigeria. *Tropical and Subtropical Agroecosystems* 25 (125): 1-18
- (xliii) G. Marechera, M. Sedi, M. A. Adebayo, A. A. Akinola, I. Mazambani, D. Muungani, C. O. Obunyali, S. O. Oikeh (2022). Assessment of Existing Gaps among Genders in Maize Value-Chain in Northern Nigeria. *International Journal of Agriculture and Technology*, 2 (1): 1-10
- (xliv) **Akinola, A.**, Kehinde, A., Tijani, A., Ayanwale, A., Adesiyani, F., Animonure, V., Ogunleye, A., Temitope Ojo (2023) Impact of Membership in Agricultural Cooperatives on Yield of Smallholder Tomato Farmers in Nigeria. *Environmental and Sustainability Indicators*, 20, December 2023
- (xlv) **Akinola, A.**, Kehinde, A., Tijani, A., Ayanwale, A., Adesiyani, O., Tanimonure, V., Ogunleye, A., & Ojo, T. (2023). Impact of membership in agricultural cooperatives on yield of smallholder tomato farmers in Nigeria. *Environmental and Sustainability Indicators*, 20, 100313. <https://doi.org/10.1016/j.indic.2023.100313>
- (xlvi) **Akinola, A.**, Kehinde, A., Tijani, A., Ayanwale, A., Manga, A., Adesiyani, O., Tanimonure, V., Ogunleye, A., & Ojo, T. (2025). Impact of income share on dietary diversity of primary actors in the tomato supply chain in Nigeria. *Scientia Agriculturae Bohemica*, 56(1), 1–21. <https://doi.org/10.7160/sab.2025.560102>
- (xlvii) Kehinde, A. D., Akinola, A., & Tijani, A. (2026). Unlocking yield potential through credit access: Insights from smallholder tomato farmers in Nigeria. *BMC Agriculture*, 2(3), 1–23. <https://doi.org/10.1186/s44399-025-00025-7>.

- (xlviii) Kehinde, A. D., & Akinola, A. (2026). Modeling the dynamics of adoption intensity and disadoption of sustainable green packs among smallholder farmers in Northern Nigeria using a triple hurdle approach. *Journal of Agriculture and Food Research*, 28, 102961. <https://doi.org/10.1016/j.jafr.2026.102961>.
- (xlix) Jimoh, L., O., **Akinola, A. A.**, & Popoola, L. (2026). Can climate-smart agricultural practices improve nutrition and food security? Evidence from maize farming households in Southwestern Nigeria. *The Journal of Agricultural Sciences – Sri Lanka*, 21(2), 331–346. <https://doi.org/10.4038/jas.v21i2.11198>

**(b) Published Refereed Conference Proceedings:**

- (1) Bamire, A. S., Adejobi, A. O., **Akinola, A. A.** and Olagbaju, O. (2007). Socioeconomic Factors Influencing the Choice of Soil Amendment Techniques among Maize Farmers in Oyo State, Nigeria. Pages 433-441, in U. Haruna, S. A. Jubril, P. Mancha and M. Nasiru (eds.). Proceedings of 9<sup>th</sup> Annual National Conference of Nigerian Association of Agricultural Economists, on Consolidation of Growth and Development of Agricultural Sector held in ATBU, Bauchi State. November 5<sup>th</sup> -8<sup>th</sup> 2007, **Nigeria**.
- (li) Ayanwale, A. B. and **Akinola, A. A.** (2007). Economic Analysis of Cassava Processing Industry in Oyo State. Pages 237-241, in U. Haruna, S. A. Jubril, Y. P. Mancha and M. Nasiru (eds.). Proceedings of 9<sup>th</sup> Annual National Conference of Nigerian Association of Agricultural Economists, on Consolidation of Growth and Development of the Agricultural Sector held in ATBU, Bauchi State, November 5<sup>th</sup> -8<sup>th</sup> 2007, **Nigeria**.
- (lii) Adeyemo, R., Kassali, R., Oke, J. T. O. and **Akinola, A. A.** (2011). Reuse of Organic Solid Waste in Urban Farming: A Case Study of Akinyele and Egbeda Local Government Areas, Ibadan, Oyo State, Nigeria. Proceeding of the Humboldt International Conference held between December 5 - 9, 2010, **Germany**.
- (liii) **Akinola, A. A.**, Akinwole, O. T. and Bamire, A. S. (2011). Effects of Organic and Inorganic Fertilizers on the Productivity of *Amaranthus cruentus* in Ile-Ife, Osun State, Nigeria. Proceeding of the Humboldt International Conference held between December 5 - 9, 2010: 114-118, **Germany**.
- (liv) **Akinola, A. A.** and Owombo, P. T. (2012). Estimation of Technology Choice: An Application to Organic and Inorganic Fertilizer among Maize Farmers in Osun State, Nigeria. Proceeding of the Nigerian Association of Agricultural Economics held between September 25 and 27, 2012: 423-437, at the Obafemi Awolowo University, Ile-Ife. **Nigeria**.

- \***(lv)** Owombo, P. T., Idumah, F. O. and Akinola, **A. A.** (2015). Bushfires and Forest Resources Conservation in Nigeria: Implications and Policy Needs. Proceedings of the Annual Conference of the Agricultural Society of Nigeria held between 9<sup>th</sup> to 12<sup>th</sup> November, 2015 at the Delta State University, Asaba, **Nigeria**
- (lvi)** Adeyeye, O., Ogunleye, A. S., **Akinola A. A.**, Bamire A. S., Abdoulaye, T., Reed, H., Alia D., Wineman, A. (2019) Gender Differentials in Time Use: Implications for Household Efficiency in Agricultural Productivity in Nigeria. Paper Presentation at the 28th IAFFE Annual Conference, 27<sup>th</sup> - 29<sup>th</sup> June, 2019 Glasgow Caledonian University, **United Kingdom**
- (lvii)** **Akinola, A. A.**, Ogunleye, A.S. Bamire, A. S., Abdoulaye, T., Reed, H., Adeyeye, V., Adeyeye, O., Alia, D., Oni, T. O. and Ogundele, O. (2019) Potential Economics Impacts of Research on Climate Adaptation Strategies in Nigeria. Paper Presented at the 6th African Conference of Agricultural Economists, 23-26<sup>th</sup> September, 2019, Sheraton Hotel, Abuja, **Kenya**
- (lviii)** **Akinola, A. A.**, Oke, J. T. O., Adesiyani, A. T., Famuyini, C. A.; and Owolabi, B. A. (2019) Climate change and economic efficiency of yam farmers in Ekiti State, Nigeria. Paper Presented at the 6th African Conference of Agricultural Economists, 23-26<sup>th</sup> September, 2019, Sheraton Hotel, Abuja, **Kenya**
- (lix)** Adeyeye, O., Ogunleye, A. S., **Akinola A. A.**, Bamire A. S., Abdoulaye, T., Reed, H., Alia D., Wineman, A. (2019) Women's Empowerment and Technical Efficiency: What Role for Technology Adoption in Nigeria? Paper Presented at the Agricultural and Applied Economics Annual Meeting, 21<sup>st</sup> - 23<sup>rd</sup> July, 2019 Mariot Hotel, Atlanta, **United States**
- (lx)** Ogunleye, A. S., **Akinola, A. A.**, Bamire, A. S., Alia, D., Adeyeye, O., Abdoulaye, T and Reed, H. (2019) A Cross Sectional Analysis of Farm-Size Productivity Relationship in African Agriculture: Evidence from Maize Farming Households in Nigeria. Paper at the Early Career Mentoring Workshop holding between July 24-25, 2019 in Atlanta Marriot Marquis, Atlanta, United States.
- (c) Published Non-Refereed Conference Proceeding:** Nil

**4. Manuscripts Accepted for Publication:**

**5. Manuscripts Submitted for Publication:**

- (i)** **A. A. Akinola;** V. A. Tanimonure, A. A. Tijani, A. B. Ayanwale, A. A. Manga, O. F. Adesiyani, E. O. Ajayi, A. Amao, A. S. Ogunleye, T. O. Ojo, and A. D. Kehinde (2022). Current and Future outlooks of Tomato Supply Chain in Nigeria. *Journal of the Saudi Society of Agricultural Sciences*
- (ii)** **Akinola, A. A.** T. O. Ojo, A. B. Ayanwale, A. A. Tijani, A. Manga, O. F.

- Adesiyan, V. Tanimonure, A. S. Ogunleye, A. A. Amao, A. E. Oluwakayode, A. D. Kehinde. Drivers of multidimensional poverty index among smallholder tomato farmers in Nigeria. *Journal of Poverty*:
- (iii) **Akinola A. A.**, Kehinde A. D. Tijani A. A. Ayanwale A. B. Manga, A. A. Adesiyan, A. S. Ajayi, A. Amao, E. O. Tanimonure, V. A Ogunleye, A. S. Ojo, T. O. (2022). Estimating Income Share of Primary Actors in the tomato supply chain and Its Impact on household food security. *Agriculturae Conspectus Scientificus*
- (iv) **Adebayo Akinola**, Ayodeji Kehinde, Akeem Tijani, Adeolu Ayanwale, Felicia Adesiyan, Victoria Tanimonure, Ayodeji Ogunleye, Temitope Ojo (2022). Impact of Agricultural Cooperative Membership on Tomato Yield of Smallholder Farmers in Nigeria. *Journal of Co-operative Organization and Management*

6. **Other Publications:** Nil

7. **Creative Work:** Nil

8. **Technical Report**

- (i) **Akinola, A. A.** (2007). Identification and Quantification of Factors for Potential Adoption of Balanced Nutrient Management System Technologies by Male and Female Farmers. In Achieving Development Impact and Environmental Enhancement through adoption of Balanced Nutrient Management Systems by Farmers in the West African Savanna. Final Report of a Collaborative Project involving The International Institute of Tropical Agriculture (IITA), The Katholieke Universiteit Leuven (KU Leuven), Belgium, The Institut National des Recherches Agricoles du Benin (INRAB), The Institut Togolais des Recherches Agricoles (ITRA) and The Institute of Agricultural Research IAR), Nigeria. Funded by: The Directorate General for Development Cooperation (DGDC), **Belgium**.
- (ii) Ayanwale, A. B., **Akinola, A. A.** and Adeyemo, V. A. (2010). Focus Group Analysis of the Perception of Stakeholders of the Formation and Implementation of Innovation Platforms for the Integrated Approach for Research for Development of the Sub Saharan Challenge Programme
- (iii) **Akinola A. A.** (2013). Bibliographic Review of Impact Assessment and Adoption Studies on Roots. A contribution to the current CGIAR Research Program on Roots, Tubers, and Bananas (CRP-RTB) in Africa
- (iv) Mignouna, D. B. **Akinola, A. A.**, Suleman, I., Nweke, F. and Abdoulaye, T. (2014). Yam: A Cash Crop in West Africa. YIIFSWA Working Paper Series No. 3, Yam Improvement for Income and Food Security in West Africa International Institute of Tropical Agriculture. ISBN 978-978-8444-38-1.  
[http://www.iita.org/c/document\\_library/get\\_file?p\\_l\\_id=4693358&folderId=4693324&name=DLFE-8335.pdf](http://www.iita.org/c/document_library/get_file?p_l_id=4693358&folderId=4693324&name=DLFE-8335.pdf).
- (v) Mignouna, D. B., Abdoulaye, T., Alene, A., **Akinola, A. A.** and Maroya N. (2014).

Baseline Protocols: The Case of Yam Improvement for Income and Food Security in West Africa (YIIFSWA) Project. YIIFSWA Working Paper Series No. 4. ISBN 978-978-8444-38-1. Yam Improvement for Income and Food Security in West Africa, International Institute of Tropical Agriculture, Ibadan, Nigeria. 80 pp.  
[http://www.iita.org/c/document\\_library/get\\_file?p\\_l\\_id=4693358&folderId=4693324&name=DLFE-8336.pdf](http://www.iita.org/c/document_library/get_file?p_l_id=4693358&folderId=4693324&name=DLFE-8336.pdf).

- (xi) Abdoulaye, T.; Alene, A.; Rusike, J.; **Akinola A. A.** (2014). Results of a Global Online Expert Survey: Major Constraints, Opportunities, and Trends for Yam Production and Marketing and Priorities for Future RTB Yam Research. Lima (Peru). CGIAR Research Program on Roots, Tubers and Bananas (RTB). RTB Working Paper 3. Available online at: [www.rtb.cgiar.org](http://www.rtb.cgiar.org): ISSN 2309 6586
- (vii) Abdoulaye, T.; Alene, A.; Rusike, J.; **Akinola, A. A.** (2014). Strategic Assessment of Yam Research Priorities. Lima (Peru). CGIAR Research Program on Roots, Tubers and Bananas (RTB). RTB Working Paper 2014-3. Available online at: [www.rtb.cgiar.org](http://www.rtb.cgiar.org). ISSN 2309-6586
- (viii) **Akinola, A. A.**, Maziya-Dixon, B., Abdoulaye, T. and Ayedun, B. (2014). Gari – Food Chain in Sierra Leone: A Focus Group Discussion Analysis
- (ix) Abdoulaye, T., Bamire, A. S., and **Akinola A. A.** (2015). Determinants of Adoption of Improved Cassava Varieties among Farming Households in Oyo, Benue, and Akwa Ibom States of Nigeria. *HarvestPlus* Working Paper. International Food Policy Research Institute. Pp2
- (x) Mignouna, D., B., Abdoulaye, T., **Akinola, A. A.** Alene, A. and Nweke, F. (2015). Factors Influencing the Use of Selected Inputs in Yam Production in Nigeria and Ghana. *Journal of Agriculture and Rural Development in the Tropics and Subtropics*: 116 (2): 131–142, **Germany**.
- (xi) Abdoulaye, T., Bamire, A. S, **Akinola, A. A.** and Etwire, P. M. (2017). Smallholder Farmers’ Perceptions and Strategies for Adaptation to Climate Change in Brong Ahafo and Upper West Regions of Ghana. CCAFS Working Paper no. 207. Wageningen, the Netherlands: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS). Available online at: [www.ccafs.cgiar.org](http://www.ccafs.cgiar.org)
- (xii) Mignouna, B. D., Maroya, N., Aighewi, B., Kumar, L., Akinribido, B., Ikeorgu, J., Abdoulaye, T., **Akinola, A. A.**, Alene, A. D., Manyong, V. M. And Asiedu, R. (2017) Impact Assessment Report of YIIFSWA Project. Raising Household Income, Improving Food Security, and Reducing Poverty in Ghana. International Institute of Tropical Agriculture, Ibadan, Nigeria, 48pp.
- (xiii) Mignouna, B. D., Maroya, N., Aighewi, B., Kumar, L., Akinribido, B., Ikeorgu, J., Abdoulaye, T., **Akinola, A. A.**, Alene, A. D., Manyong, V. M. And Asiedu, R. (2017) Impact Assessment Report of YIIFSWA Project. Raising Household Income,

Improving Food Security, and Reducing Poverty in Nigeria. International Institute of Tropical Agriculture, Ibadan, Nigeria, 48pp

- (xiv) Bamire, A. S., **Akinola, A. A.**, Ogunleye, A. S., Adeyeye, O., Adeyeye, A. V., Oni, T. O., Ogundele, O., Abdoulaye, T., Tesfamichael, W. (2019). Nigeria Country Plan Baseline and Varietal Monitoring Survey Household Report: Katsina State. Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria. 48pp
- (xv) Bamire, A. S., **Akinola, A. A.**, Ogunleye, A. S., Adeyeye, O., Adeyeye, A. V., Oni, T. O., Ogundele, O., Abdoulaye, T., Tesfamichael, W. (2019). Nigeria Country Plan Baseline and Varietal Monitoring Survey Household Report: Kaduna State. Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria. 49pp
- (xvi) Bamire, A. S., **Akinola, A. A.**, Ogunleye, A. S., Adeyeye, O., Adeyeye, A. V., Oni, T. O., Ogundele, O., Abdoulaye, T., Tesfamichael, W. (2019). Nigeria Country Plan Baseline and Varietal Monitoring Survey Household Report: Niger State. Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria. 49pp
- (xvii) Bamire, A. S., **Akinola, A. A.**, Ogunleye, A. S., Adeyeye, O., Adeyeye, A. V., Oni, T. O., Ogundele, O., Abdoulaye, T., Tesfamichael, W. (2019). Nigeria Country Plan Baseline and Varietal Monitoring Survey Household Report: Benue State. Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria. 50pp
- (xviii) Bamire, A. S., **Akinola, A. A.**, Ogunleye, A. S., Adeyeye, O., Adeyeye, A. V., Oni, T. O., Ogundele, O., Abdoulaye, T., Tesfamichael, W. (2019). Nigeria Country Plan Baseline and Varietal Monitoring Survey Household Report: Nasarawa State. Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria. 50pp
- (xix) Bamire, A. S., **Akinola, A. A.**, Ogunleye, A. S., Adeyeye, O., Adeyeye, A. V., Oni, T. O., Ogundele, O., Abdoulaye, T., Tesfamichael, W. (2019). Nigeria Country Plan Baseline and Varietal Monitoring Survey Household Report: Kano State. Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria. 47pp

## **F. PROFESSIONAL ACCOMPLISHMENTS**

- (i) I was a member of the team that received grant for the Ex Ante Impact Assessment of Integrated Agricultural Research for Development (IAR4D) covering Nigeria, Niger, Zimbabwe, Mozambique, Malawi, Rwanda, Democratic Republic of Congo and Uganda sponsored by Forum for Agricultural Research in Africa (FARA), Ghana.
- (vii) I have received Grant for Bibliographic Review of Impact Assessment and Adoption Studies on Roots and Tubers: This was a Contribution to the Current CGIAR Research Program on Roots, Tubers, and Bananas (CRP-RTB) in Africa Sponsored by the International Institute for Tropical Agriculture, IITA, Ibadan

**G. CONFERENCES (SEMINARS AND WORKSHOPS) ATTENDED:**

- (i) Workshop on Impact Assessment of Balanced Nutrient Management Systems in the Northern Guinea Savannah, Nigeria Organized by the International Institute of Tropical Agriculture (IITA) in Cotonou, Benin Republic, 31<sup>st</sup> January – 2<sup>nd</sup> February 2005.
- (ii) Workshop on Grant Proposal Writing, Organized by the International Association of Research Scholars and Fellows (IARSSAF), held in the International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria. 29<sup>th</sup> July 2005.
- (iii) Annual Conference of African Association of Agricultural Economists held at La Palm Beach, Hotel, Accra, Ghana. 20<sup>th</sup>- 23<sup>rd</sup> August, 2007
- (iv) Workshop on Inclusive Growth, Innovation and Technological Change: Education, Social Capital and Sustainable Development Organized by the Global Network for the Economics of Learning, Innovation and Competence Building Systems held in Hotel Le Meridien President, Dakar, Senegal, 6<sup>th</sup>-8<sup>th</sup> October, 2009.
- (v) Workshop on Impact Assessment of Cassava Production in Southwestern and Southeastern Nigeria Organized in International Institute of Tropical agriculture (IITA), Ibadan, 21<sup>st</sup> – 25<sup>th</sup> November, 2010.
- (vi) Humboldt International Conference held at the Conference Centre, Obafemi Awolowo University, Ile-Ife, Nigeria. December 5 - 9, 2010. Paper Presented: **Akinola, A. A.**, Akinwole, O. T. and Bamire, A. S. “Effects of Organic and Inorganic Fertilizers on the Productivity of *Amaranthus Cruentus* in Ile-Ife, Osun State, Nigeria.
- (vii) Workshop on Planning and Strategies for the Implementation of Meta-Analysis of Proof of Concept of Sub-Saharan African Challenge Program held in Cotonou, Benin Republic. 27<sup>th</sup> - 28 June, 2010.
- (viii) Inception Workshop of the IDRC Grant No. 106511 on “Sustainable Production and Utilization of Underutilized Nigerian Vegetables to Enhance Rural Food Security” Under the Canadian International Food Security Research Fund (CIFSRF) held at the Conference Centre, Obafemi Awolowo University, Ile-Ife, Nigeria. 14<sup>th</sup>-18<sup>th</sup> March, 2011
- (ix) The 16<sup>th</sup> International Symposium of the International Society for Tuber & Root Crops (ISTRC) on Root Crops held at Federal University of Agriculture, Abeokuta (UNAAB), Ogun State, Nigeria between Sunday 23<sup>rd</sup> – Friday 28<sup>th</sup> September, 2012
- (x) The DTMA Project Training Course on Conducting and Management of Field

Trials and Nurseries and Seed Production of Open-Pollinated and Hybrid Seeds held at the International Institute of Tropical Agriculture (IITA), Ibadan from 27 August -1 September, 2012

- (xi) Training Workshop on Maize and Soybean Seeds and Cassava Planting Materials held at the International Institute of Tropical Agriculture (IITA), Ibadan between 3<sup>rd</sup> and 5<sup>th</sup> June, 2013. Paper Presented: **Akinola, A. A.** and Abdoulaye T. Deployment of Maize and Soybean Seeds and Cassava Planting Materials in West Africa.
- (xii) Workshop on Youth Agribusiness: Achieving Youth Employment in Agriculture held on 21 December, 2013 at the Conference Centre, IITA, Ibadan, Paper presented: **Akinola A. A.** and Abdoulaye T. Getting started in seed business.
- (xxiii) Operational and Business Training Workshop for Cost Efficient Production of Seed Yam Using the Novel High Ratio Propagation held between 5<sup>th</sup> and 7<sup>th</sup> November, 2014 at IITA, Ibadan. Paper presented: **Akinola A. A.** and Maroya N. Preparing a Realistic Business Plan.
- (xiv) Operational and Business Training Workshop for Cost Efficient Production of Seed Yam Using the Novel High Ratio Propagation held between 5<sup>th</sup> and 7<sup>th</sup> November, 2014 at IITA, Ibadan. Paper presented: **Akinola A. A.** and Abdoulaye T. Getting Started in Seed Business.
- (xv) Operational and Business Training Workshop for Cost Efficient Production of Seed Yam using the Novel High Ratio Propagation held between 5<sup>th</sup> and 7<sup>th</sup> November, 2014 at IITA, Ibadan. Paper presented: **Akinola A. A.** and Maroya N. Seed Business Management Tool Manual.
- (xvi) Inception Workshop on Nigeria Baseline Study held between 6<sup>th</sup> to 8<sup>th</sup> February, 2017 at Obafemi Awolowo University, Ile-Ife. Paper presented: **Akinola A. A.** Understanding Household Survey.

## **H. CURRENT RESEARCH ACTIVITIES**

- (i) Economic Efficiency of Crop Residue Production in West Africa
- (ii) Effects of Social Capital on Technical Efficiency of Farming Households in Nigeria
- (iii) Resource Use and Climate Variability in Southwestern Nigeria

## **I. OTHER RELEVANT INFORMATION**

### **1. Services within the Department:**

- (i) Chairman, Examination Committee 2015 to date
- (ii) Assistant Chairman, Examination Committee 2011 – 2014
- (viii) Member, Undergraduate Committee 2011 to Date
- (iv) Secretary, Departmental Postgraduate Committee 2012 – 2011
- (v) Secretary, Departmental Postgraduate Committee 2009 – 2011
- (vi) Secretary, Departmental Undergraduate Committee 2002 to 2011

- (vii) Secretary, Departmental Equipment Committee 2007 to 2012
- (viii) Secretary, Departmental Social Committee 2004 – 2009
- (ix) Member, Departmental Reading Room Committee 2005 – 2006
- (x) Member, Departmental Examination Committee 2002 to 2012

**2. Services within the Faculty:**

- (i) Member, Faculty Board of Agriculture 2003 to date
- (ii) Member, Faculty Board of Examiners 2003 to date
- (ix) Member, Faculty Board of Studies 2003 to date
- (x) Member, Faculty Review Committee 2010 to 2011
- (xi) Member, Faculty Internship Committee 2006 – 2007
- (vi) Member, Faculty Internship Committee 2010 - 2011
- (vii) Member, Faculty TEEAL Committee 2008 - 2010
- (viii) Chairman, Faculty TEAL Committee 2017 to date
- (viii) Member, Examination Coordination Committee 2003 to date
- (ix) Editor, Ife Journal of Agriculture 2016 - 2017
- (ix) Reviewer, Ife Journal of Agriculture 2008 to date

**3. Services within the University:**

- (i) Departmental Representative, Faculty Board of Technology 2009 -2012
- (ii) Examiner, PhD Thesis in the Department of Management and Accounting, Faculty of Administration, Obafemi Awolowo University, Ile-Ife, 2015
- (iii) Staff Adviser, Winners Campus Fellowship, Obafemi Awolowo University, Ile-Ife 2012 to date
- (iv) PG, Faculty Postgraduate Representative 2019 - 2021

**4. Services outside the University:**

- (i) Reviewer, Journal of Development and Agricultural Economics 2008 to date
- (ii) Reviewer, African Development Review 2017 to date
- (iii) Reviewer, Experimental Agriculture 2018 to date

**5. Co-Curricular Activities:**

- (i) Foot-balling
- (ii) Reading in philosophy

**I. CONTRIBUTION TO KNOWLEDGE:**

The primary areas of my research focus in the field of agricultural economics have been on environmental and natural resource economics for improved production, efficiency and productivity in agriculture in order to improve the livelihood of resource-poor farmers in Africa. I have conducted research on the improvement of crop production activities within the framework of the use of resources (land, labour, capital, etc), their efficiency, productivity as well as their management in the context of the systems under which farmers operate.

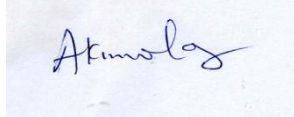
The researches stress the impact of soil degradation and nutrient depletion occasioned by the increasing rate of population growth and consequent pressures from competing socioeconomic demands for land on farm production, income and general livelihood of the farming households. This was initiated through assessment of effects of land enhancing technologies (Balanced

Nutrient Management Systems) on poverty and food security in Northern Nigeria. Contrary to most studies that link adoption of agricultural innovations to yields and farm income, the researches modeled the adoption of the integrated soil fertility management technologies through productivity/profitability into food security and poverty alleviation. Studies on other land enhancing technologies also indicated that policy intervention that institutionalizes micro-finance in the rural area and increased draft power and equipment for fertilizer and manure application would favor increased adoption of technologies. Moreover, efforts should be made to produce organic manure *in situ* and insert pastoralists into exchange networks of the community. Another study posited that increasing yam output through mulching technology is a potentially viable option (See i, iv, v, vi, x, xi, xv, xvii, xxviii).

I have investigated efficiency and productivity of resource (land, labour, capital, etc) utilization on diverse arable crops production in the sub-Saharan Africa (ii, viii, xxii, xviii, xxii, xxvi, xxvii). On the economics of improved varieties, the studies identified major land management practices such as inorganic fertilizer, bush fallow, shifting cultivation, crop rotation and crop rotation/inorganic fertilizer mix in rice production. Inorganic fertilizer was found to be most predominant. Studies on economic efficiency of cassava production revealed that age and farming experience contributed to technical inefficiency while cost of fertilizer, cost of herbicides, and membership of cooperative and level of education enhanced technical efficiency. It was revealed that cassava production was highly profitable in the area. Similarly, Analysis of economics of *Amaranthus cruentus* production under Tropical Conditions, indicated that farm size, quantity of organic manure and man-days of labor were the main factors determining levels of output. Also, studies on productivity of cassava, yam and maize under tropical conditions indicated that younger; single and educated farmers were more technically efficient than their counterparts. Credit availability was also a significant factor determining farmers' technical efficiency. Analysis of profitability of synthetic and naturally occurring pesticides indicated that education and farm experience positively impacted profit level and using naturally occurring pesticides is more economically feasible than using synthetic pesticides. Study on economics of bush burning (xiii) advocated for increased access to credit for farming and other activities as diversionary approach to reducing demand on crop residue as fuel

In order to ensure efficient use of resources from donor groups and organization, a new approach - Integrated Agricultural Research for Development (IAR4D) that allows for easier and better flow of information and materials among relevant stakeholders was initiated. I was involved in the Ex Ante Impact Assessments of the Integrated Agricultural Research for Development (IAR4D) in the Pilot Learning Sites of Lake Kivu (LK) in Eastern and Central Africa, Kano-Katsina-Maradi (KKM) in West Africa and Zimbabwe-Malawi-Mozambique (ZMM) in Southern Africa. These studies (xi, xix, xxiv), in addition to the baseline report participated in, on the subject matter, in the Sudan Savanna of Nigeria, have brought to limelight the point of departure of IAR4D from the conventional Agricultural Research for Development (ARD). The studies on the Innovation Platform showed that the estimated rate of return is higher than the prevailing market interest rates and confirms that adoption of the approach generates a stream of benefits in excess of the research and extension expenditures

Signature:



Date: 06/03/2023

### Referees

1. Prof. A. S. Bamire, Vice Chancellor, Obafemi Awolowo University, Ile-Ife, Nigeria  
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E-Mail: [T.Abdoulaye@cgiar.org](mailto:T.Abdoulaye@cgiar.org)  
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3. Prof. A. A. Tijani, Dean, Faculty of Agriculture, Obafemi Awolowo University, Ile-Ife  
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