

PUBLICATIONS:

(i) Books:

1. Akinbola, G.E. (2003). Introduction to Pedology and soil physics: Ibadan Distance Learning Center Series. Distance Learning Center, University of Ibadan. Nigeria 99 pp (ISBN 978-021-157-8). (Nigeria) (100 %)

2. Akinbola, G.E. (2003). Introduction to climatology in agriculture. Ibadan Distance Learning Center Series. Distance Learning Center, University of Ibadan, Ibadan, Nigeria. 116 pp (ISBN 978-021-148-9). (Nigeria) (100 %)

3. Akinbola G.E. (2019) Compendium of Soil Science Glossary. Berachah Publishers 210pp (ISBN-978-978-977-287-2) (Nigeria) (100%)

(ii) Chapter in Book

4. Akinbola, G.E. (2002). Poverty reduction through the crop sector in Nigeria: A regional perspective. In: Poverty Reduction and Nigeria Agricultural Sub-sector. Foluso Okunmadewa (Ed.) Elshaddai Global Ventures, Ibadan. Pp. 39-52. (Nigeria) (100 %)

(iii) Papers in Refereed Conference Proceedings:

5. Akinbola, G. E. (2003). Characterization and classification of some valley bottom soils on basement complex of southwestern Nigeria. Babalola O., Ojeniyi S.O., Ano A.O., Asawalam and Chukwu G.O (Eds.). Proceedings of the 27th Annual Conference of Soil Science of Nigeria, Calabar (2003). Pp 100-111. (Nigeria) (100 %)

6. Bolaji O.M. and Akinbola, G. E. (2004). Evaluation of heavy metals contents of valley bottom soils in Ibadan urban area. Olasantan F.O., Elemo K. A., Ojo L.O. and Azeez J.O. (Eds.). Proceedings of the 29th Annual Conference of the Soil Science Society of Nigeria. University of Agriculture, Abeokuta, Nigeria. Pp. 256-260. (Nigeria) (50 %)

7. Senjobi B.A., Owa S.O., Akinbola, G. E. and Fapojuwo O. E. (2005) Pilferage Practice in Agriculture: An enhancing factor of food insecurity in Nigeria. Fola-Adedoyin S. and Adeokun A.O. (Eds.). Proceedings of 2nd Annual National Research Network meeting and conference. Pp. 74 – 75. (Nigeria) (25 %)

8. Akinbola G.E., Omueti J.A.I., Adigun M.O. and Ajayi O. R. (2009) Agronomic and Economic Evaluation of Organo-Mineral Fertilizer for Maize Production on an Alfisol in Southwestern Nigeria. Ojeniyi S.O.; Okusami T.A.; Olayinka and Amalu U.C. (Eds.). Proceedings of the 33rd Annual Conference of the Soil Science Society of Nigeria, March 9-13, 2009. University of Ado-Ekiti, Nigeria. Pp 130-137. (Nigeria) (50%)

9. Obi J.C. and Akinbola G.E. (2009) Texture contrast in some Basement Complex soils of southwestern Nigeria. Ojeniyi S.O.; Okusami T.A.; Olayinka and Amalu U.C. (Eds.). Proceedings of the 33rd Annual Conference of the Soil Science Society of Nigeria, March 9-13, 2009. University of Ado-Ekiti, Nigeria. Pp 38-44. (Nigeria) (50 %)

10. Nuga B.O. and Akinbola G.E. (2010). Soil survey information for sustainable agriculture in Ikwano Local Government area of Abia State, South East Nigeria. Second RUFORUM Biennial Meeting, Entebbe Uganda. 20-24 September, 2010. (Uganda) (50%)

11. Akinbola G.E.; Ojo U.A. and Adigun M.O. (2010). Variability of properties of some Pedons on the Basement Complex of Southwestern Nigeria. Proceedings of the 34th Annual Conference of the Soil Science Society of Nigeria, held at the Institute of Agricultural Research & Training, Ibadan, Nigeria. March 22-26, 2010. Pp78-85. (Nigeria) (60%) 12. Akinwa, A.O and Akinbola G.E (2018). Characterisation, classification and Management of selected soils on the Jos Plateau. Proceedings of the 42nd Annual Conference of the soil Science Society of Nigeria. March 12 -16th 2018, pp 98-111

(iv) Articles that have already appeared in Learned Journals

13. Eneji A. E., Aiyelari E. A., Agboola A. A., Ogunkunle A. O., Akinbola G.E., Omueti J.A.I and Babalola O. (1995). Effect of land clearing methods on some soil properties and crop yield in the forest zone of South Western Nigeria. African Soils. Vol. 28: 345-352. (Kenya) (15 %)

14. Eneji A.E., Aiyelari E. A., Agboola A. A., Kutu, F.R.; Ndaeyo, N.U. and Akinbola G.E. (1997). Preliminary investigations of the effects of bush clearing on soil nutrient status. Journal of Tropical Forest Resources Vol. 13, 16-25. (Nigeria) (15 %)

15. Akinbola, G. E. and F.R. Kutu (1999). Productivity and Suitability Assessment of an Inland Valley Soils on Basement Complex of South-Western Nigeria for dry season vegetable production. *Environment Analar* No. 2: 135-146. (Nigeria) (75 %)

16. Akinbola, G. E. and A. A. Fagbami (2000). Land use/land cover changes in Ibadan and their implications for environmental conservation. *EnvironmentalAnalar* No. 6: 528-540. (Nigeria) (75 %)

17. Okoruwa, V.O., Akinbola, G. E. and Salako, C. (2001): Potentials of land use pattern and soil characteristics for agricultural development in Ibadan. *Journal of Tropical Forest Resources*. 17. 1: 41-50. (Nigeria) (40 %)

18. Akinbola, G. E., Ndaeyo, N. U. and Oduroye, E.F. (2001). Spatial nutrient distribution in a valley bottom land, South Western Nigeria. *Journal of Tropical Forest Resources*. 17.1 51-56. (Nigeria) (60 %)

19. Akinbola, G. E. and A.A. Fagbami (2002). The Influence of Landuse/landcover types on soil physical properties in Ibadan: Implication for environmental management and conservation. *Environmental Analar*. 8:1028-1038. (Nigeria) (75 %)

20. Akinbola, G. E., Adeoye, G.O; Nadeyo, N. U. and A.A. Agboola (2002). Fertility status and sustainability of some soils from Basement Complex and Sedimentary Parent Materials in Southwestern Nigeria. *Journal of Tropical Forest Resources* 18(1) 22-33 (Nigeria) (60 %)

21. Nuga, B.O., J. O. Orimoloye and G. E. Akinbola (2002). Characterization and classification of soils on a Basement Complex parent material of southwestern Nigeria. *Annals of Agricultural Sciences*. 3(1): 70-77. (Nigeria) (30 %)

22. Nuga. B. O. and G. E. Akinbola (2004). Application of Geographical Information Systems (GIS) in soil survey – A new methodology for increased precision. *Nigerian Agricultural Journal*. Vol. 35: 112-117. (Nigeria) (50 %)

23. Akinbola, G. E.; Idrissa Abarchi and F.R. Kutu (2004). Influence of longterm crop residue and fertilizer application on some chemical properties of an Alfisol under arid environment. *Moor Journal of Agricultural Research*. Vol.5. No.1: 1-6.(Nigeria) (60 %)

24. Olaleye A. O., S. O. S. Akinyemi, Hassan Tijani-Eniola, G. E. Akinbola, F.O. Odeleye; S.A. Oladosu and B.A. Gambo (2005). Influence of Potassium fertilizer on the yield of plantain-melon intercropped on an OxicPaleustalf in Southwestern Nigeria. *Journal of Food, Agriculture & Environment*. Vol. 3(3&4): 89-91. (Norway) (15 %)
25. Oluwatosin, G. A., Jaiyeola, O.M., Banjoko, V.A., Aikore, O.D. and Akinbola, G. E. (2005). Heavy metals in an Urban Valley Bottom Land. *Discovery and Innovation* Vol. 17 (1/2) 85-93. (Kenya) (20 %)
26. Akinbola, G. E.; J.O. Ojetade and A. O. Olaleye (2006). Variability of soil properties along two toposequences on Basement Complex in South Western Nigeria. *Discovery and Innovation* Vol. 18 No. 1: 44-52. (Kenya) (60 %)
27. Nuga B.O., N.C. Eluwa, G. E. Akinbola and C.C. Wokocha (2006). Characterisation and classification of soils along a toposequence in Ikwuano Local Government Area of Abia State, Nigeria. *Medwell Online, Agricultural Journal* 1 (4): 192-197. (Pakistan) (25 %)
28. Salako F.K., G. Tian, G. Kirchhof and G. E. Akinbola (2006). Soil particles in agricultural landscapes of a derived sananna in southwestern Nigeria and implications for selected soil properties. *Geoderma* Vol. 137:90-99. (Germany) (25 %)
29. Nuga B.O., Akinbola G. E., Lawal O., Gaiser T. and Harrmann L. (2006). Production of the 1:350,000 scale digital geological map of the old Imo state. *Electronic Journal of Environmental Agriculture and Food Chemistry* EJEAFChe 5(6) 1654 – 1658. (Nigeria) (30 %)
30. Akinbola, G. E. (2006). Crop yield potentials of the inland valleys of Ibadan Urban Area, Southwestern Nigeria. *Moor Journal of Agricultural Research*. Vol.8 No. 2. 46- 53 (Nigeria) (100 %)
31. Orimoloye J.R., Nuga B.O. and Akinbola G. E. (2007). Evaluation of the potential of some pedons of the Basement Complex of Southwestern Nigeria for rainfed maize, cassava and rubber cultivation. *ChemTech Journal* Vol. 3:483 -490. (Nigeria) (30%)

32. Omotoso S.O. and Akinbola G.E. (2007) Variability of soil properties at the Transition zone between two parent materials in South Western Nigeria. *International Journal of Soil Science*. Vol. 2 (3):218-223
33. Olatunji O.O., G. E. Akinbola, G.O. Oyediran, B.A. Lawal, W.B. Akanbi, J.C. Obi and F.M. Owoade (2008). Mycorrhiza Fungi distribution in six different soil types of southwestern Nigeria. *Medwell Research Journal of Agronomy* 2(2) 52 -55. (Pakistan)(25 %)
34. Senjobi B. A., A. A. Akinpelu, G. E. Akinbola, C.T. Senjobi, S.A. Ayanlaja and A.O. Ogunkunle (2008). Performance of *Celociaargentea* (L) as influenced by pollution and fertilizer application in a typical Paleustalf. *Underutilised and Underexploited Horticultural Crops*. Vol. 3: 369-380. (Nigeria) (20 %)
35. Olaleye A. O., A. O. Ogunkunle and G. E. Akinbola (2008). Dynamics of Iron oxides in two Benchmark inland valley soils and rice grain yields in Nigeria. *Communications in Soil Science and Plant Analysis*. 39:2939 – 2949. (USA) (30%)
36. Adigun M. O., G. E. Akinbola, A.O. Olaleye and J. Obuh (2008). Variability of soil properties across planted fallows and earthworm casts on an Alfisol in southwestern Nigeria. *World Journal of Agricultural Sciences* 4(4) 435 – 441. (Pakistan) (35 %)
37. Olaleye A.O., G. E. Akinbola, V. M. Marake, S.F. Molete and B. Mapheshoane (2008). Soil in suitability evaluation for irrigated lowland rice culture in southwestern Nigeria: Management implications for sustainability. *Communications in Soil Science and Plant Analysis*. 39: 2920 – 2938. (USA) (30 %)
38. Oluwatosin G.A., Adeoyolanu O.D., Dauda T.O. and Akinbola G. E. (2008). Levels and geochemical fractions of Cd, Pb and Zn in valley bottom soils of some urban cities in southwestern Nigeria. *African Journal of Biotechnology*. Vol. 7 (19) 3455-3465 (Kenya) (20 %)
39. Akinbola G. E. and Ojimadu O.C. (2008). Variation in soil physical properties and land use types on a toposequences on the Basement Complex of Southwestern Nigeria. *Ibadan Journal of Agricultural Research*. Vol. 4 No. 2:1-10 (Nigeria) (75 %)
40. Akinbola G. E., Umeokafor T.O. and Obi J.C. (2008). Land evaluation for sustainable urban land use in the humid forest agroecological zone of south western Nigeria. *Nigerian Journal of Soil and Environmental Research*. Vol. 8:86-92. (Nigeria) (60 %)

41. Nuga B.O.; Eluwa N.C. and Akinbola G.E. (2008). Characterization and classification of soils along a Toposequence in Ikwuano Local Government area of Abia State, Nigeria. *Electronic Journal of Environmental, Agricultural and Food Chemistry*, Vol. 7 (3): 2780 – 2788.
42. Olaleye A.O., A.O. Ogunkunle, B.N. Singh, G. E. Akinbola, F.O.Tabi, O.O. Fayinminu, and M.E. Iji (2009). Ratio of nutrients in lowland rice grown on two iron toxic soils in Nigeria. *Journal of Plant Nutrition*. 32:1336-1352. (USA) (15 %)
43. Olaleye A.O., Ogunkunle A.O., Singh B.N. and Akinbola G. E., Obuh J. (2009). Morphology, organic carbon and dissolved nutrients in ground water table in two Benchmark wetland sites in Nigeria. *Agriculturae Conspectus Scientificus*. Vol.74 No. 1:31-37. (Croatia) (20 %)
44. Obi J.C., Akinbola G. E. and Anozie H.I. (2009). Distribution of Dithionate and oxalate extractable iron oxides of a Catena in the Basement Complex of southwestern Nigeria. *Nigerian Journal of Soil Science*. 19(1) 100 – 108. (Nigeria) (30 %)
45. Akinbola G. E., Anozie H.I. and Obi J.C. (2009). Classification and characterization of some pedons on Basement Complex in the Forest environment of southwestern Nigeria. *Nigerian Journal of Soil Science*. 19(1) 109 – 117. (Nigeria) (70 %)
46. Akinbola G. E. and Obi. J.C. (2009). Characterization and classification of a landscape underlain by Basement Complex for engineering purposes. *Nigerian Journal of Soil Science*. Vol. 19(2) 121-128. (Nigeria) (75 %)
47. Nuga B.O., Akinbola G.E. and Nuga O.O. (2009). Stakeholders analysis: A conceptual framework for sustainable watershed development in Ikwuano watershed in south east Nigeria. *Global Approaches to Extension Practice*. Vol. 5, No.2 77-85 (Nigeria) (40 %)
48. Nuga B.O., Akinbola G.E. and Nuga O.O. (2009). Drivers of climate change: causes, effects and mitigation. *Journal of Agriculture and Social Research*. Vol. 9 No. 2. 116-123 (Nigeria) (40 %) (Accepted 12 February, 2009).

49. Obi J.C. and Akinbola G.E. (2010). Local land use systems and sustainable soil management in Southwestern Nigeria. *Agriculture and Rural Development*. Vol. 13 (1):44-53.

50. Obi J. C, Akinbola G. E., Ogunkunle A. O. and Umeojiakor A. O. (2010). Profile distribution of Clay, Ca, Mg and K in some soils of the savanna region of Nigeria. *Agro*

Science Journal of Tropical Agriculture, Food, Environment and Extension Vol. 9(2):76 – 83

51. Olaleye A.O., Osiname O.A., Fashola, Akinbola G.E., Ayanlaja S.A., Akinyemi J.O. and Obuh J. (2010). Interaction between grain yields of rice and environment (Soil) in four agro-ecological zones in Nigeria. *Communications in Soil Science and Plant Analysis*, 41: 10: 1220-1236

52. Nuga B.O and Akinbola G.E. (2011) Land use / Land cover change detection in Ikwano Area, Abia State Nigeria, using Landsat Data. *Nigeria Journal of Soil Science*. 21(2):6167 53. Nuga B.O.; Nuga O.O. and Akinbola G.E. (2011). Participatory natural resource management in Nigeria: The place of participatory Geographical Information System (PGIS). *Journal for Applied Research*, Vol. 3(1):57 – 64. (Nigeria) (20%)

54. Nuga B.O. and Akinbola G.E. (2011). Characteristics and classification of soils developed over Coastal Plain sand and Shale parent materials in Abia State Nigeria. *Journal of Technology and Education in Nigeria*, Vol. 16(1): 36 – 56 (Nigeria) (10%)

55. Orimoloye J.R., Akinbola G.E. and Abubakar M. (2011) Indigenous knowledge on Land Evaluation and Soil Fertility Management among Rubber farmers in Southern Nigeria. *World Rural Observations*. Vol. 3 No. 2: 70 -75 (United States of America)

56. Akinbola G.E., Adigun M.O. and Shittu K.A. (2012) Soil characteristics and qualities of an Inland Valley Bottom Land for Dry Season Sweet Potato Production. *Journal of Applied Agricultural Research* 4(1):127-132

57. Amosu S.A. and Akinbola G.E. (2012) Assessment of the level of Heavy Metal contamination of River Ogunpa Valley Bottom Land in Ibadan, Oyo State, Nigeria. *International Journal of Agriculture*. Vol.4(3) 114-118

58. Oyeogbe A.I., K.O. Oluwasemire and G.E. Akinbola (2012) Modelling soil water characteristics of an inland valley soil. *Indian Journal of Agricultural Research* 46 (4) 317- 323
59. Orimoloye J.R., Akinbola G.E., Idiko S.O., Waizah Y. and Esemuede U. (2012) Effect of Rubber cultivation and associated Land Use Types on the properties of surface soils. *Nature and Science* 109:48-52.
60. Obi J.C., Akinbola G.E. and P.I. Ogban (2013) Variations in chemical properties of soils from Shale parent materials in southwestern Nigeria. *Journal of Applied Agricultural Research (Agricultural Research Council of Nigeria, ARCN)* Vol. 5 No. 2:229-240.
61. Orimoloye J.R. and Akinbola G.E. (2013) Evaluation of some Sandstone derived soils of Southern Nigeria for Rubber (*Hevea brasiliensis*) cultivation. *Nigerian Journal of Soil Science*. 23:252-263.
62. Akinbola G.E., Adigun M.O. and Ajimoh O.H. (2014) Variability of characteristics and productive potential of some pedons on Basement Complex of Southwestern Nigeria. *Journal of Scientific Research & Reports*. 3(23):2943-2959).
63. Adamu, I., Akinbola, G. E., Orimoloye, J. R. and Buji, I. B. (2017). Comparative analysis and evaluation of some pedons of sedimentary parent materials in South-Western Nigeria for crop production. *Merit Research Journal of Agricultural Science and Soil Science*. Vol. 5 No 7, 115 – 122
64. Akinbola, G. E. and Orimoloye, J. R. (2017). Potential impacts of natural gas pipeline construction on the land/soil quality in south eastern Nigeria. *The Nigerian Journal of Soil Science* Vol. 49, 335-344 (Nigeria)
65. Orimoloye, J. R., Akinbola, G. E. and Achi, C. A. (2018). Variability Evaluation of Some Soil Properties in Three Locations in Oyo State, South West Nigeria. *Ibadan Journal of Agricultural Research* Vol. 14 No. 1, (Nigeria).
66. Orimoloye J. R., Amadi-Rapheal, K. A. and Akinbola, G. E. (2019). Characterization and agricultural potentials of some pedons derived from sand stone parent rock near Abeokuta, southwestern Nigeria. *Journal of Soil Science and Environmental Management* Vol. 10, No. 6: 82-93 (Kenya).

(v) TECHNICAL REPORTS AND MONOGRAPHS

67. Gbadegesin, A. and Akinbola, G. E. (1995). Reference soil of the Southern Guinea Savanna Region of Central Western Nigeria. Soil Brief Nigeria 7. Published by ISRIC, Wageningen, The Netherlands, 15 pp.

68. Gbadegesin, A. and Akinbola, G. E. (1995). Nigeria Reference soil of the Southern Guinea Savanna of South Western Nigeria. Soil Brief Nigeria 8. Published by ISRIC, Wageningen, The Netherlands, 13 pp.

69. Fagbami, A. A., Omueti J.A .I., Babalola, O.; Oluwatosin, G. A. and Akinbola, G. E. (1998). Reconnaissance Soil Survey (An Ecological Appraisal) of the proposed permanent site of the University of Agriculture, Abeokuta, Nigeria.

70. Fagbami, A. A. and Akinbola, G. E. (2001). Baseline Ecological/Soil Survey of the permanent site of the Redeemer's University for Nations, Ede Osun State, Nigeria. 115pp. 71. Akinbola, G. E. (2005). Baseline Ecological Survey of the University of Ibadan, Ajibode land 140 pp.

72. Akinbola, G. E., Ajani O.I.Y., Olaniran T. S., Alarape O. and Ayodele O. I. (2006). Baseline Ecological Survey of the proposed permanent site of the Emmanuel University, Ibadan. 124 pp.

73. Akinbola G.E., Adebisi L.A., Lameed G. A., Ajani O.I.Y. and Obi J.C. (2007). Baseline ecological survey of the proposed permanent site of Redeemer's University (RUN), Km 38 Lagos-Ibadan express way, Ogun State, Nigeria. 189 pp.

74. Akinbola G.E., Adebisi L.A., Ajani O.I.Y. and Obi J.C. (2007). Baseline ecological survey of the proposed permanent site of Calvary University, Papalanto- Ewekoro, Ogun State, Nigeria. 160 pp.

75. Akinbola G.E., Okoruwa V.O., Adebisi L.A., and Alarape K.A. (2010) Baseline ecological survey of the proposed permanent site of Roseful University, Egbedi, Osun State Nigeria.

76. Akinbola G.E. (2012) Soil survey and land evaluation of KEVDEL Farms, Sonda – Ajobo, Oyo State, Nigeria. 70pp

77. Akinbola G.E. (2013) Land evaluation of the University College Hospital Rural Health Centre, Igbo-Ora, Oyo State, Nigeria. 83pp

78. Orimoloye J.R. and Akinbola G.E. (2015). Soil survey and Land Evaluation of COSMOS Farms Ltd., Ekerin village, Abeokuta west LGA, Ogun State, Nigeria. 91pp.

79. Orimoloye J.R., Oshunsanya S.O. and Akinbola G.E. (2015). Soil survey and Land evaluation of FABUFARMS Ikanyin village, Iseyin LGA, Oyo state, Nigeria. 123pp.