

ERUOLA, ABAYOMI OLAYIWOLA



i. Biography

Professor ERUOLA Abayomi is a Professor of Agro-hydrology in the Department of Water Resources Management and Agrometeorology, College of Environmental Resources Management (COLERM). Prof. Eruola was born in June 1967, he obtained his Bachelor's degree in Agricultural Meteorology and Water Management, a Master's degree in Water Resources Management, and a Doctoral degree in Agricultural Meteorology from the same department. He joined the active service of the Federal University of Agriculture, Abeokuta (FUNAAB) in 2005 as an Assistant Lecturer, where he rose through the rank to become a professor in 2021. Based on his broad expertise in the field of hydrology (Water Management) and Agrometeorology, Prof. Eruola has maintained multidisciplinary research in his research engagement, with the sole aim of improving knowledge in the scope of Agrohydrology. He is currently the Head of the Department, since 2020. His research expertise and interest cut across irrigation, agricultural water management, morphometry (drainage and sediment transport) and climate related research.

ii. **Personal Information**

- | | | |
|-------|---------------------------|-----------------------------------|
| (i) | Name in Full: | ERUOLA , Abayomi Olayiwola |
| (ii) | Date of Birth: | 12 th June, 1967 |
| (iii) | Place of Birth: | Lagos Mainland |
| (iv) | Sex: | Male |
| (v) | Marital Status: | Married |
| (vi) | Nationality: | Nigerian |
| (vii) | Town and State of Origin: | Lagos Mainland |

iii. **Department:** Water Resources Management and Agrometeorology

iv. **E-mail address:** layosky@yahoo.com, eruolaao@funaab.edu.ng

v. **Phone Number:** +2348057354226

vi. **Rank:** Professor

vii. **Designation:** Professor

viii. **Researchgate Address:** [\(4\) Abayomi Olayiwola Eruola \(researchgate.net\)](#)

ix. **Linkedin Address:** <https://www.linkedin.com/in/abayomi-eruola-09749147>

x. **Google Scholar Profile:** [A.O. Eruola - Google Scholar](#)

xi. **ORCID Number:**

xii. **Qualifications:**

- B.Agric. Agricultural Meteorology & Water Management
University of Agriculture, Abeokuta 1992
- M.Sc. Water Resources Management
Federal University of Agriculture, Abeokuta 2004
- Ph.D. Agricultural Meteorology
Federal University of Agriculture, Abeokuta. 2011

xiii. **Membership of Professional Bodies**

- Member, Nigerian Meteorological Society (NMET)
- Member, Nigerian Association of Hydrological Sciences (NAHS)
- Member, Soil Science Society of America (SSA).
- Member, Indian Association of Agro-meteorologist (AAM).

xiv. **Award Received:**

- **University Assignments**
 - Acting Head,
Department of Water Resources Management and Agrometeorology (2021-)

- Member of Senate (2021-)

COMMENDATION

- i. Letter of Commendation by the Registrar on behalf of University Management (FUNAAB/R/SP.1187/I/96), for Prompt preparation of students' examination result as Departmental examinations officer in 2014/2015 Academic session dated July 3, 2015.

xv. Research Conducted

- i. **Eruola, A.O.** (2011): Application of rainfall-potential Evapotranspiration model to yam production in Southwestern Nigeria. Ph.D. Thesis, Federal University of Agriculture, Abeokuta (FUNAAB), Nigeria. 280p.
- ii. **Eruola, A.O.** (2004): Evaluation of some empirical methods for estimating potential evapotranspiration for water balance computation in Ogun- Oshun River Basin. M.Sc Dissertation, University of Agriculture Abeokuta (UNAAB), Nigeria. 129p.
- iii. **Eruola, A.O.** (1992): Water balance computation in Ogun River Basin. B.Agric. Research Report submitted to the Department of Water Resources Management and Agrometeorology, University of Agriculture, Abeokuta (UNAAB), 67p.

xvi. Major Conferences Attended and Papers Read

- i. Annual Meeting of American Society of Agronomy, Crop Science Society of America and Soil Science Society of America, Phoenix, Arizona, USA, 6 – 9 November, 2016.

Paper Presented

Evaluation of Reference-crop Evapotranspiration Methods and Water Supply Methods for the Determination of Crop Coefficient of Kenaf.

- ii. 26th Conference of Nigerian Meteorological Society, Benin, 5 – 9 November, 2012.

Paper Presented

Effects of Climate Variability and Climate Change on Crop Production in Tropical Wet and Dry Climate.

- iii. 25th Conference of Nigerian Meteorological Society, Zaria, 13 – 17 November, 2011.

Paper Presented

- a) Climate Change and Agriculture: Issues for Nigerian Horticulture
- b) Public Perspectives Towards Private Sector Participation In Water Supply At Obantoko, Abeokuta, Nigeria

xvii. Journal Article in Print:

1. Bello. J.; **Eruola. A.O.**; Ufoegbune. G.C; and Awomeso. J. (2009): An Assessment of Water Supply potential for crop production. Comparative study of River Basins under the jurisdiction of two River Basin Development Authorities located in different Ecological Zones of Nigeria. *Journal of Meteorology and Climate Science*. 7 (1): 23-27. Published by Nigeria Meteorological Society, Nigeria.
2. Ufoeghune. G.C, Ladipo- Ajayi. O., Oyedekpo. J. and **Eruola. A.O.** (2009). GIS Application to municipal water supply planning in Abeokuta metropolis, Southwest Nigeria. *Journal of Meteorology and Climate Science*. 7 (1): 49-57. Nigeria Meteorological Society, Nigeria.
3. Awomeso. J.A.; Ufoegbune. G.C.; Gbadabo. A.M.; Balogun. G.O and **Eruola. A.O.** (2009): Towards effective planning, design and monitoring of dams in Nigeria. *Journal of Agricultural Science and Environment, ASSET International Journal*. 9 (2): 45-63. Published by the Federal University of Agriculture, Abeokuta. Nigeria
4. Awomeso. J.A.; Ufoegbune. G.C.; **Eruola. A.O.** and Adeofun. C.O. (2009): Human Health and Environmental risk assessment of the Alakia Industrial District of Ibadan, Southwest Nigeria. *Journal of Agricultural Science and Environment, ASSET International Journal*. 9 (1): 48-69. Published by the Federal University of Agriculture, Abeokuta. Nigeria.
- f5. Ufoeghune. G.C, Lamidi. K.I., Awomeso. J.A, **Eruola. A.O.**, Idowu. O.A. and Adeofun. C. O. (2009). Hydro-geological characteristics and groundwater quality assessment in some selected communities of Abeokuta, Southwest Nigeria. *Journal of Environmental Chemistry and Eco-toxicology*. 1(1): 010-022. Available online at <http://www.academicjournals.org/jece>.
6. Makinde, A.A.; Bello, N.J. and **Eruola. A.O.** (2010): Effects of phenological rainfall pattern on the performance of cucumber intercropped with maize in the tropical wet-and-dry climate of Nigeria. *Journal of Meteorology and Climate Science*. 8 (1): 22-28. Published by Nigeria Meteorological Society, Nigeria.
- f7. **Eruola, A.O.**; Ufoegbune, G.C.; Eruola. A.O.; Awomeso, J.A.; Adeofun, C.O.; Idowu, O.A. and Sowunmi, A. (2010): Quantitative and qualitative assessment of rainwater harvesting from rooftop catchments: case study of Okelantoro community in Abeokuta, Southwest Nigeria. *European Water*, 32: 47-56. Published by European water for European Water Resources Association, Athens, UK. Available online http://www.ewra.net/ew/issue_32.htm
- f8. Bello, N. J.; **Eruola, A.O.**; Ufoegbune, G.C and Awomeso, J.A. (2010): Evaluation of some methods of estimating potential evapotranspiration for the determination of length of growing season in a tropical wet and dry climate. *African Journal of*

Agricultural Research, 5(16): 2116-2123. Published by academic journals (AJAR). Available at <https://www.academicjournal.org/AJAR>.

- f9 Ufoeghune. G.C, **Eruola. A.O.**, Awomeso. J.A and Idowu. O.A. (2010). Spatial analysis of municipal water supply in Abeokuta metropolis, Southwestern Nigeria. *Journal of Geography and Regional Planning*. 3(7): 169-176. Available online at <http://www.academicjournals.org/JGRP>.
- f10. Eruola, A.O., Ufoeghune. G.C. **Eruola. A.O.**, Awomeso. J.A., Adeofun, C.O., Idowu, O.A and Abhulimen, S.I. (2011). An assessment of the effect of industrial pollution on Ibesse river, Lagos, Nigeria. *Journal of Environmental Science and Technology*. 5(8): 606-Available online at <http://www.academicjournals.org/AJEST>.
- f11. **Eruola, A.O.**, Eruola, A.O., Ufoeghune. G.C, Ojekunle, Z.O, Makinde, A.A and Ogunyemi, I.O. (2011). Analytical Investigation of Pollutants in Lagos Coastal Waters, Nigeria. *Advances in Analytical Chemistry*. 1 (1): 8-11. Scientific & Academic Publishing, USA. Available online at <http://journal.sapub.org/aac>.
- f12. **Eruola, A.O.**, Ufoeghune. G.C, Eruola, A.O., Awomeso. J.A and Abhulimen S.A. (2011). Assessment of Cadmium, Lead and Iron in Hand Dug Wells of Ilaro and Aiyetoro in South-Western Nigeria. *Research Journal of Chemical Sciences*. 1(9): 1-5. International Science Congress Association, India. Available online at www.isca.in.
- f13. **Eruola, A.O.**, Bello, N.J., Olasantan, F.O. and Makinde, A.A. (2011). Effect of planting date and mulching on emergence, growth and yield of white yam in Southwestern Nigeria. *Libyan Agriculture Research Journal International*. 2 (6): 249-258. IDOSI Publications, Libya.
- f14. **Eruola, A.O.**, Bello, N.J., Ufoeghune. G.C. and Makinde, A.A. (2011). Effect of variety selection on growth, development and yield of white yam in Southwestern Nigeria. *Libyan Agriculture Research Journal International*. 2 (6): 244-248. IDOSI Publications, Libya.
- 15 Ufoeghune, G.C, Bello, N. J., Ogunsakin, A.O, **Eruola, A.O.**, Makinde, A.A and Amori, A. (2011). Assessment in the variations of water uptake of two horticultural crops *Amaranthus and Celosia* at Federal University of Agriculture, Abeokuta, Nigeria. *Journal of Biological and Chemical Research*. 28 (1): 78-84. Society for Advancement of Science, India.

- 16 Amori, A.A., **Eruola, A.O.** and Makinde, A.A. (2012). Socio-demographic differences in the evaluation of water resources planning in South West Nigeria. *International Journal of Water Resources and Environmental Engineering*. 4 (1): 8-14. Available online at <http://www.academicjournals.org/IJWREE>.
- f17. Ufoegbune, G.C.; Bello, N. J.; Ojekunle, Z.O.; Orunkoye, A.O.; **Eruola, A.O.** and Amori, A.A. (2012): Rainfall Erosivity Pattern of Ogun River Basin Area (Nigeria) using Modified Fournier Index. *European Water*. 35: 23-29. Published by European water for European Water Resources Association, Athens, UK. Available online http://www.ewra.net/ew/issue_35.htm
- f18 **Eruola, A.O.**, Ufoeghune. G.C., Eruola, A.O., Ojekunle, Z.O., Makinde, A.A. and Amori, A.A. (2012). Qualitative Assessment of the Effect of Thunderstorm on Rainwater Harvesting from Rooftop Catchments at Oke-Lantoro Community in Abeokuta, Southwest Nigeria. *Resources and Environmental Engineering*. 2 (1): 27-32. Scientific & Academic Publishing, USA. Available online at <http://article.sapub.org/10.5923.j.re.20120201.04.html>.
- f19. Makinde, A.A., Bello, N.J., Olasantan, F.O. and **Eruola. A.O.** (2012). Impacts of variation in agroclimatological indices and crop combination on growth and yield response of okro in mixtures with two sorghum cultivars and maize in a Forest-Savanna Transition zone of Nigeria. *Global Journal of Science Frontier Research*. 12 (3): 67-79. Global Journals Incorporated, USA.
- f20 **Eruola, A.O.**, Bello, N. J., Ufoeghune. G.C., Makinde, A.A. (2012). Effect of Mulching on Soil Temperature and Moisture Regime on Emergence, Growth and Yield of White Yam in a Tropical Wet-and-Dry Climate. *International Journal of Agriculture and Forestry*. 2 (1): 93-100. Scientific & Academic Publishing, USA. Available online at <http://journal.sapub.org/ijafl>.
- f21. Ufoegbune, G.C.; Bello, N. J.; **Eruola, A.O.**; Amori, A. A. and Makinde, A.A (2012): Effect of moisture variation on dry season production of beans at Federal University of Agriculture, Abeokuta, Nigeria. *Journal of Biological and Chemical Research*. 29 (2): 254-261. Published by Society for Advancement of Science, USA. Available at <http://www.jbcr.co.in/>
22. **Eruola, A.O.**; Bello, N. J.; Ufoegbune. G.C. and Makinde, A.A (2012): An assessment of Rain water supply on yam production in Southwestern Nigeria. *Journal of Meteorology and Climate Science*. 10 (1): 34-41. Published by Nigeria Meteorological Society, Nigeria.

23. Makinde, A.A.; Bello, N. J.; Ufoegbune. G.C.; **Eruola, A.O.** and Kazeem, H.G (2012): Agro-climatological indices and performance of okra in the mixtures with sorghum and maize in the forest-savanna transition zone of Nigeria. *Journal of Meteorology and Climate Science*, 10 (1):5-15. Published by Nigerian Meteorological Society, Nigeria.
- f24. Makinde, A.A; Bello, N. J.; Olasantan, F.O.; **Eruola, A.O.** and Ufoegbune, G.C (2012): Agroclimatic potential for cultivation of two sorghum cultivars in mixtures with okra and maize in forest-savanna transition zone of Nigeria. *Italian Journal of Agrometeorology*, 14 (3): 35-48. A Scopus and Scimago indexed journal. Published by Elsevier B.V., Online at <https://www.scopus.com/record/display.uri?eid=2-s2.0-84878324072> & origin =inward & txGid =f76363a61bea90 5b8054 ed16f3152922.
- f25 **Eruola, A.O.**, Bello, N. J., Ufoeghune. G.C and A. A. Makinde. (2012). Application of Rainfall-Potential Evapotranspiration Model for Determining Optimum Planting Date of Yam (*Dioscorea rotundata*) in a Tropical Wet-and-Dry Climate. *Global Journal of Science Frontier Research*. 12 (5): 53-58. Global Journals Incorporated, USA.
- f26. Ufoeghune, G.C, Adeyanju, A.A, **Eruola, A.O.**, Awomeso, J.A, and Amori, A. A. (2012). The Effect of Plant Density and Height on Throughfall in University of Agriculture, Abeokuta, Nigeria. *Global Journal of Science Frontier Research*. 12 (8): 43-51. Global Journals Incorporated, USA.
- f27. **Eruola, A.O.**; Bello, N. J.; Ufoegbune, G.C. and Makinde, A.A (2013): Effect of climate variability and climate change on crop production in the tropical wet-and –dry climate. *Italian Journal of Agrometeorology*, 17 (1): 17-22. A Scopus and Scimago indexed journal. Published by Elsevier B.V. Available online at http://agrometeorologia.it/Rivista2013_1/AIAM_2013_01_017_eruola.pdf
- f28. **Eruola, A.O.**, Eruola, A.O., Ufoeghune, Amori, A. A. and Ogunyemi, I.O. (2012). Assessment of atmospheric moisture using hygroscopic salts in dry-and wet climate of Nigeria. *International Journal of Water Resources and Environmental Engineering*. 4 (8): -274. Available online at <http://www.academicjournals.org/IJWREE>.
- f29. Ufoeghune, G.C, Bello, N. J., Dada, O.F, **Eruola, A.O.**, Makinde, A.A and Amori, A. A. (2016). Estimating water availability for Agriculture in Abeokuta, Southwestern Nigeria. *Global Journal of Science Frontier Research*. 12 (9): 13-24. Global Journals Incorporated, USA.

30. **Eruola, A.O.** (2012): Interactive effects of planting season, mulching and variety selection on growth, development and yield of white yam in the tropical wet-and-dry climate of Nigeria. *Journal of Agricultural Science and Environment, ASSET International Journal*. 12 (2): 1 -14. Published by University of Agriculture, Abeokuta. Nigeria.
- f31. **Eruola, A.O.**; Ufoegbune, G.C.; Makinde, A.A. and Hassan, K. (2013): Effects of planting season on phenology and accumulated heat units in relation to yield of white yam in the tropical wet-and-dry climate. *Jordan Journal of Agriculture Science*. 12 (4): 758 – 770. Published by University of Jordan. Jordan. Available at <http://journals.ju.edu.jo/JJAS /issue/view>
- f32. **Eruola, A.O.**, Sholademi, A. A., Ufoeghune, G.C, Makinde, A.A. and Iposu, S.O. Interactive effects of season, breed and grazing location on lactation a tropical wet-and-dry climate of Nigeria. *World Journal of Agriculture*. 1 (11): 318-322. World Science Research Journals. Available online at <http://wsrjournals.orj/journal/wjas>.
- f33. **Eruola, A.O.**, Awomeso. J.A, Ufoeghune, G.C, Hassan, K. and Makinde, A.A (2014). An Assessment of Rain Water Supply for Kenaf – Maize Intercrop. *Irrigation and Drainage Systems Engineering*. 3 (3): 1000125. IDSE, USA.
34. Ufoegbune, G.C.; Fadipe, O.A.; Bello, N.J.; **Eruola, A.O.**; Makinde, A.A and Ojekunle, O.Z. (2014): Growth and Development of Watermelon in Response to Seasonal Variation of Rainfall. *Journal of Meteorology and Climate Science*, 12(1): 31-41. Published by Nigeria Meteorological Society, Nigeria
35. Ufoegbune,G.C.; Adekunle, A.A.; Adebisi, G.A.; Bello, N.J.; **Eruola, A.O.** and Makinde, A.A (2015): Performance of *Amaranthus* species under two different environmental conditions in derived savannah agroecology, Southwestern Nigeria. *African Journal of Agriculture, Technology and Environment*, 4(2): 33-45. Published by Faculty of Agriculture, University of Port Harcourt ISSN:2346-7290.
36. Ojekunle, Z.O.; Ojekunle, V.O.; **Eruola, A.O.**; Oyebanji, F.F.; Olatunde, K.A.; Amujo, B.T.; Sangowusi, O.R.; Adekitan, A.A and Taiwo, A.G. (2015): The Effect of Storage on Sachet Water Quality in Ogun State, Nigeria. *Journal of Applied Sciences and Environmental Management*, 19 (2): 183 -189. Published by African Journals Online (AJOL) for the Department of Pure and Industrial Chemistry, University of Port Harcourt, Nigeria

- f37. Ufoegbune, G.C.; Bello, N.J.; **Eruola, A.O.**; Kehinde, K.E.; Makinde, A.A.; Ojekunle, Z.O. and Amori, A.A. (2016): Effect of Climate Variability on the Onset, Cessation of Rain and Length of Growing Season of Selected Crop in the Mangrove Savannah and Transition Zone in Nigeria. *Jordan Journal of Agricultural Science*, 12(2): 535-546. Published by University of Jordan. Jordan. Available at <http://journals.ju.edu.jo/JJAS/issue/view/480>.
38. Ufoegbune, G.C.; Atanlay, P.A.; **Eruola, A.O.**; Makinde, A.A and Ojekunle, Z.O.(2016): Geographical Information System (GIS) Application for Planning and Improvement of Public Water Supply in Ota, Ogun State, Nigeria. *Journal of Applied Sciences and Environmental Management*, 20 (2): 1105-1111. Published by African Journals Online (AJOL) for the Department of Pure and Industrial Chemistry, University of Port Harcourt, Nigeria.
39. Makinde, A.A.; **Eruola, A.O.**; Ufoegbune, G.C. and Amori, A.A. (2016): Seasonality and Climatic Period Effects on Crop Evapotranspiration and Irrigation Water Requirement of Cucumber. *Applied Tropical Agriculture*. 21(3):112 -115. Published by School of Agriculture and Agricultural Technology, Federal University of Technology, Akure, Nigeria.
- f40. Ayoola, .K.O.; **Eruola, A.O.**; Adejuwon, J.O. and Makinde, A.A. (2016): Effect of water supply methods, variety selection and their interaction on growth and yield of kenaf in the tropical wet-and-dry climate of Nigeria. *Italian Journal of Agrometeorology*, 21 (2):45-52. A Scopus and Scimago indexed journal. Published by Elsevier B.V. Available at <http://agrometeorologia.it>.
41. **Eruola, A.O.**; Awomeso, J.A.; Eruola, A.O.; Makinde, A.A. and Ayoola, .K.O. (2016): Impact of Upstream Industrial Effluent on Irrigation Water Quality, Soils and Plant in Alakia Area of Ibadan. *Journal of Applied Sciences and Environmental Management*, 20(3):625-632. Published by African Journals Online (AJOL) for the Department of Pure and Industrial Chemistry, University of Port Harcourt, Nigeria.
42. **Eruola, A.O.**; Ayoola, .K.O.; Adejuwon, J.O.; Busari, M.A. and Makinde, A.A., (2016): Evaluation of Reference-crop Evapotranspiration Methods and Water Supply Methods for the Determination of Crop Coefficient of Kenaf. *Applied Tropical Agriculture*, 21(3):83-89. Published by School of Agriculture and Agricultural Technology, Federal University of Technology, Akure, Nigeria.

43. **Eruola, A.O.**; Makinde, A.A.; Eruola, A.O.; Awomeso, J.A. and Amori, A.A., (2016): Investigation of the Effect of Double Rings Infiltrometer Dimension on Infiltration Rate. *Gashua Journal of Irrigation and Desertification Studies*, 2(2): 204-213. Published by Federal University, Gashua, Yobe State, Nigeria. Available online at <http://www.gjidsfugashua.org.ng>.
44. **Eruola, A.O.**; Makinde, A.A.; Eruola, A.O.; Ojekunle, .Z.O.; Awomeso, J.A. and Amori, A.A., (2017): Correlation of Climate Variables with Water Quality Indicators of Ogun River, Southwest Nigeria. *Nigerian Journal of Hydrological Sciences*, 5: 33-39. Published by Nigeria Association of Hydrological Sciences (NAHS).
45. **Eruola, A.O.** (2017): Hydrometeorological network upgrade design for Ogun-oshun River basin. *Journal of Agricultural Science and Environment, ASSET International Journal*. 17 (1): 103 -113. Published by University of Agriculture, Abeokuta. Nigeria.
- f46. Makinde. V.; Adeleke, O.O.; **Eruola, A.O.**, Okeyode, I.C.; Akinboro, F.G.; Alatise, O.O. and Dada, O.F. (2017). Impact of Climate Change on Groundwater Resources in Odeda Local Government Area. Ogun State, Southwestern Nigeria. *The African Review of Physics*. 12: 1-13. Published by African Physical Society, Ghana
47. Makinde, A. A.; **Eruola, A.O.**; Ojekunle, Z.O. (2018). Response of soil moisture content to sampling depth and canopy types in a tropical climate, Southwest Nigeria. *Nigeria Agricultural Journal*, 49(2):34-38. Published by the Agricultural Society of Nigeria, Available at <https://www.ajol.info/index.php/naj/article/view/189417>
48. **Eruola, A.O.**; Kassim, H.; Ufogbune, G.; Makinde, A. and Ayoola, K. (2019): An assessment of rain water availability for kenaf- maize intercrop in Forest-Savanna Transition Zone of Nigeria. *Nigerian Journal of Hydrological Sciences*, 7: 1-15. Published by Nigeria Association of Hydrological Sciences (NAHS).
49. Makinde A.A.; **Eruola A.O.**; Ufoegbune G.C. and Ojekunle Z.O. (2019). Sensitivity assessment of maize (*Zea mays* L.) cultivars growth parameters to agrometeorological indices in Abeokuta, Southwest Nigeria. *Agro-Science*, 18 (1): 39-44. Published by Faculty of Agriculture, University of Nigeria, Nsukka.
50. **Eruola, A.O.**; Atilola, F.; Makinde, A.A.; Ayoola, K. and Nwamini, L. (2019). Determination of permeability of soils from FUNAAB agricultural land use, using

- improvised constant head permeameter. *Journal of Agricultural Science and Environment, ASSET International Journal*. 19 (1&2): 92 -101. Published by University of Agriculture, Abeokuta, Nigeria.
51. Makinde A.A.; **Eruola, A.O.**; Ufoegbune, G.C. and Rabi Y. (2019): Assessment of Rainwater Supply and Cultivation of Okra (*Abelmoschus esculentus*) in Mixtures with Sorghum (*Sorghum bicolor*) and Maize (*Zea mays*) in a Forest-savanna Transition Zone of Nigeria. *Samaru Journal of Agricultural Education*, 8(2):60-74. Published by the Division of Agricultural College, Ahmadu Bello University, Zaria.
52. Ufoegbune, G.C.; Ayodele, D.O.; **Eruola, A.O.**; Makinde, A.A.; Ojekunle, Z.O. and Ilevbaoje, O.O. (2019): Geospatial Design of Optimal Water Distribution Network in Ado-Ekiti, Ekiti State. *Journal of Applied Science and Environmental Management*. 23(7):1207-1212. Published by The University of Port Harcourt, Nigeria. Available online at www.dx.doi.org/10.4314/jasem.v23i7.3
53. **Eruola, A.O.**; Makinde, A.A.; Eruola, A.O. and Oladele, R. (2020). Water quality assessment of owiwi river for potential irrigation of vegetables. *Nigerian Journal of Technology (NIJOTECH)*, 39(1): 293 – 300. Published by Faculty of Engineering, University of Nigeria, Nsukka. Available online at <http://www.nijotech.com>
- f54. **Eruola, A.O.**; Kassim, H.; Makinde, A.; Ayoola, K and Nwamini, L. (2020): Assessment of water productivity of sorghum- kenaf- okra intercrop. *Journal of Biological and Chemical Research*, 37 (2A): 66- 71. Published by Society for Advancement of Science, USA. Available at <http://www.jbcr.co.in/>
55. **Eruola, A.O.**; Makinde, A.A.; Ladejobi, Y.F.; Ayoola, K.O. and Nwamini, L.O. (2020): Periodic Evaluation of Atmospheric Dew and Dust in Abeokuta, Nigeria. *Journal of Meteorology and Climate Science*, 18 (1): 1- 6. Published by Nigerian Meteorological Society, Nigeria. Available at <https://www.ajol.info/index.php/naj/article/view>
- f56. Makinde, A.A.; **Eruola, A.O.** and Akinola, R. (2020). Assessing the effects of water management regimes on the growth of Tomatoes in Abeokuta, South West Nigeria. *ASRIC Journal on Water, Energy and Environment* 1: 61-67. Published by African Union Scientific Research and Innovation Council. Available online at www.asric.org.
57. **Eruola, A.O.**, Makinde, A.A., Ladejobi, Y.F., Ayoola, K.O. and Nwamini, L.O. (2020): Response of some selected crops to rainfall exceedance anomaly. *Nigerian*

- Journal of Scientific Research*, 19 (4): 271- 277. Published by Ahmadu Bello University Zaria, Nigeria, Available online at abu.edu.ng; ISSN-0794-0319
58. **Eruola, A.O.**; Makinde, A.A.; Eruola, G.A.; Ayoola, .K.O. and Nwamini, L.O. (2021): Effect of float-weight on discharge measurement. *Journal of Engineering and Engineering Technology*, 15(1):98-103. Published by School of Engineering and Engineering Technology, Federal University of Technology, Akure, Nigeria. Available online at www.futajeet.com
59. **Eruola, A.O.**; Makinde, A.A.; Eruola, G.A. and Ayoola, K.O. (2021). Assessment of the rainfall exceedance in Nigeria. *Nigerian Journal of Technology (NIJOTECH)*, 40 (4): 751-761. Published by Faculty of Engineering, University of Nigeria, Nsukka.
- f60. **Eruola, A.O.** (2021): Response of Yam Varieties to Soil Moisture Regime in Southwestern Nigeria. *Italian Journal of Agrometeorology*, 26 (2): 3-14 A Scopus and Scimago indexed journal. Published by Elsevier B.V.
61. Rabiou, Y; **Makinde, A.A.**; Eruola, A.O, and Yamusa, A.M. (2021): Response of groundnut to thermal indices as influenced by intercropping and mulching in tropical wet and dry climate in Nigeria. *Nigerian Journal of Horticultural Science* 26 (1): 116-122. Published by Horticultural Society of Nigeria.

f = Articles in foreign Journals