

## **PROFILE OF PROFESSOR JOHNSON KAYODE ADESODUN**



### **1.0 BIOGRAPHY:**

Prof J. K. Adesodun, a Registered Soil Scientist of Nigeria (RSSN), joined the services of the Federal University of Agriculture, Abeokuta of 18<sup>th</sup> February 1999 as an Assistant Lecturer and rose to the position of Professor of Soil Physics on 1<sup>st</sup> October 2014. Prof Adesodun obtained his Ph.D (Soil Physics) in September, 2004 from the University of Nigeria, Nsukka with additional skill on the application of micromorphological techniques for soil quality assessment at the University of Stirling, Stirling, United

Kingdom in 2003. His core research interests include “Soil and Climate Change Studies/Soil Remediation”.

### **2.0 PERSONAL INFORMATION**

2.1 **Present Position:** RECTOR, Ekiti State Polytechnic, Isan-Ekiti, Nigeria.

2.2 **Present Address:** Ekiti State Polytechnic, P. M. B. 1101, Isan-Ekiti, NIGERIA.

2.3 **Marital Status:** Married with two (2) children.

2.4 **Date of Birth:** 1<sup>st</sup> June 1962

2.5 **Rank:** Professor of Soil Physics with effect from 1<sup>st</sup> October 2014

3.0 **DEPARTMENT:** Department of Soil Science & Land Management

4.0 **EMAIL ADDRESSES:** adesodunjk@funaab.edu.ng; adesodunjk@gmail.com; jkadesodun@ekspoly.edu.ng

5.0 **PHONE NUMBERS:** +234-803-3469381; +234-8028876938

6.0 **RESEARCHGATE ADDRESS:** <https://www.researchgate.net/profile/Johnson-Adesodun>

7.0 **LinkedIn ADDRESS:** <https://www.linkedin.com/in/prof-j-kayode-adesodun-b6b24888>

8.0 **Google Scholar Profile:** Citation = 1546; h-index = 14; i10 index = 17

9.0 **ORCID NUMBER:** 0000-0003-3731-8197

10.0 **QUALIFICATIONS:** PhD Soil Physics (Nigeria); MSc. Soil Conservation/Soil (Nigeria); PGD Land and Water Resources Management (Nigeria).

#### **11.0 MEMBERSHIP OF PROFESSIONAL BODIES:**

1. **Member**, International Union of Soil Sciences (IUSS).
2. **Member**, Soil Science Society of Nigeria (Membership No.: M-00-242).
3. **Associate** of the Scottish Network International (SNI), Scotland, United Kingdom.
4. **Member**, Organic Agriculture Project in Tertiary Institutions in Nigeria.
5. **Member**, Biochar Initiatives of Nigeria.

#### **12.0 AWARD RECEIVED:**

1. 2018/2019 Fulbright Scholar-In-Residence Program tenable at Alabama Agricultural & Mechanical University, Huntsville, Alabama, USA from August 15, 2018 to May 15, 2019.
2. 2002 Commonwealth Academic Staff Scholarship tenable at University of Stirling, Scotland, United Kingdom (1 October, 2002 – 30 September, 2003).
3. MSc. research work with funds from the European Union STD project titled “Stability of organic matter pools in African (Nigeria and Ethiopia) ecosystems”.

**13.0 RESEARCH CONDUCTED:** Researches conducted to date are as presented in the list of publications.

#### **14.0 CONFERENCES ATTENDED (RECENTLY):**

1. ICT and Financial Crimes Control for an Effective Economic, Social Security Growth of the Nation organized by House of Representative Committee on Financial Crimes from 24<sup>th</sup> to 25<sup>th</sup> November 2022 at Women Development Centre, Abuja, Nigeria.
2. 46<sup>th</sup> Annual Conference of Soil Science Society of Nigeria, Zaria 2022 held on 14<sup>th</sup> to 18<sup>th</sup> March 2022 at Ahmadu Bello University, Zaria, Nigeria.
3. 2021 E-Workshop for TVET and Infrastructural Development: The Role of Stakeholders in Addressing the Skills Gap for Infrastructural Development through TVET in Nigeria, organized by International Vocational Education and Training Association (IVET) East and West African Region and The National Board for Technical Education (NBTE), Kaduna, Nigeria on 12<sup>th</sup> October 2021.
4. Global E-coaching Forum: Effective Project Implementation in Emergency Situations. organized by International Training Centre of the International Labour Organization (ILO) from 7<sup>th</sup> to 9<sup>th</sup> December, 2020.

5. Agri-Parks workshop held at AGCO Zambia Future Farm, Lusaka, Zambia from 4<sup>th</sup> to 5<sup>th</sup> February, 2020.
6. Meeting of Belarusian-Nigerian Universities Collaboration held at National Open University, JabiAbuja on 16<sup>th</sup> March, 2020.
7. 144<sup>th</sup> Regular meeting of the Council of Heads of Polytechnics and Colleges of Technology Nigeria (COHEADS) held at Nigeria Army Resource Centre (NARC), Asokoro, Abuja on 17<sup>th</sup> March, 2020.
8. Capacity building workshop for Rectors and Principal Officers of Polytechnics held at Nigeria Army Resource Centre (NARC), Asokoro, Abuja from 18<sup>th</sup> to 19<sup>th</sup> March, 2020.
9. Spring 2019 Fulbright Visiting Scholars Enrichment Seminar entitled “*American Security: Economic and Food Solutions*” held in Minneapolis, MN, USA from Wednesday, April 24 to Saturday, April 27, 2019.
10. 61<sup>st</sup> Annual African Studies Association (ASA) Conference of November 29<sup>th</sup> to Sunday 2<sup>nd</sup> December, 2018 at Atlanta Marriott Marquis Hotel, Atlanta, Georgia, USA.
11. 42<sup>nd</sup> Annual Conference of Soil Science Society of Nigeria, Institute of Agricultural Research & Training (IAR&T), Moor Plantation, Ibadan, 12-16 March, 2018
12. Workshop on “Promotion of Wider Uptake of Integrated Soil Fertility Management (ISFM) Protocols to Boost Agricultural Productivity and Impact on rural Farmers’ Livelihoods” at Institute of Agricultural Research & Training, Obafemi Awolowo University, Moor-Plantation, Ibadan, Nigeria (25<sup>th</sup> October, 2016).
13. Professorial Retreat on “Grant-Winning Professors and Strategic Postgraduate Mentoring”. Organized by Directorate of Grant Management, Federal University of Agriculture, Abeokuta, Nigeria (12<sup>th</sup> July, 2016).
14. Capacity building workshop on “Building Academic Leadership Capacity for Higher Education in the 21<sup>st</sup> Century”. Organized by Centre for Innovation and Strategy in Learning, Federal University of Agriculture, Abeokuta, Nigeria (21<sup>st</sup> June, 2016).
15. International Conference on “**SOILS in Space and Time**” (30<sup>th</sup> September to 6<sup>th</sup> October, 2013) at Ulm University, Ulm, GERMANY. Sponsored with Nigerian TETFUND Conference Attendance Intervention Grant.

## 15.0 PUBLICATIONS:

**A. Articles in Learned Journals:**

1. Okoro I. G.1, Babalola A. O., **Adesodun J. K.**, Gbadebo A. M. & Nwachukwu O. I. (2022). Ecological Risk Assessment of Heavy Metals Pollution in Farmlands around Mining Site in Amagu-Enyigba, Ebonyi State, Nigeria. *Nigerian Journal Soil & Environmental Research* Vol. 21: 87 – 93.
2. A. K. Aromolaran, C. I Alarima, W. A Salami, E. O. Fakoya, **J. K. Adesodun**, C. I. Sodiya, E. Fabusoro & S. O. Apantaku (2021). Degradation of agricultural land: Evidence from non-farm livelihood sites in Ogun State, Southwest Nigeria. *Community Development*. DOI: [doi.org/10.1080/15575330.2020.1863995](https://doi.org/10.1080/15575330.2020.1863995).
3. **Adesodun, J. K.**; Udom, B. E.; Abudu, O. S.; Adejuyigbe, C. O.; Enikuomihin, O. A.; Thanni, B. M.; Oke, O. O.; Olowokere, F. A.; Oyegoke, C. O.; Mbila, M. & Olubode, A. A. (2020). Soil organic carbon fractions and aggregation of a tropical Alfisol as affected by plant residues. *Nigerian Journal of Soil Science*, 30 (1): 92-101. DOI: [doi.org/10.36265/njss.2020.300112](https://doi.org/10.36265/njss.2020.300112).
4. **Adesodun.J. K.**; Udom B. E.; Adekunle A. O.; Adejuyigbe C. O.; Atayese M. O.; Olowokere F. A.; Mbila M. & Oyegoke C. O. (2020). Effect of tillage and maize-cowpea intercrop on fractal features of particle and aggregate size distribution on a tropical sandy loam soil in southwest Nigeria. *Nigerian Journal of Soil Science*, 30 (1): 102-110. DOI: [doi.org/10.36265/njss.2020.300113](https://doi.org/10.36265/njss.2020.300113).
5. G. A. Ajiboye, S. G. Hammed, S. B. Bada, **J. K. Adesodun**, M. O. Dare & Samuel Ayodele Mesele (2019) Changes in the Morphogenetic and Physicochemical Properties of an Alfisol as Affected by the Healing Period After Charcoal Production. *Communications in Soil Science and Plant Analysis*, 50:3, 321332. DOI: [10.1080/00103624.2018.1563099](https://doi.org/10.1080/00103624.2018.1563099).
6. Adeniyi A. Soretire, Olalekan S. Sakariyawo, Oyinkansola S. Yewande, **Johnson K. Adesodun**, Aderonke K. Akintokun, Paul A.S. Soremi and Sunday G. Aderibigbe (2019). Changes in microbial biomass and grain yield of rice varieties in response to the alternate wet and dry water regime in the inland valley of derived Savanna. *Journal of Agricultural Sciences*, Vol. 64, No. 3, Pages 239-253. <https://doi.org/10.2298/JAS1903239S>.
7. Azeez, J. O., Ojewande, B. O., Olayinka, O. O. & **Adesodun, J. K.** (2018): Impact assessment of organic farming on soil nutrients and heavy metal content. *Pertanika Journal Tropical*

- Agricultural Science*, 41 (4): 1-22. Published by Universiti Putra Malaysia Press. ISSN: 1511-3701. e-ISSN: 2231-8542. <http://www.pertanika.upm.edu.my/>.
8. Senjobi, B. A, Idehen, R. T., Oduntan, O. O., & **Adesodun, J. K.** (2016). Characterization and morphogenetic variability of soils under organic based oil palm plantations in Southwestern Nigeria. *Journal of Organic Agriculture and Environment*, 4: 17-27. Published by Organic Agriculture Project in Tertiary Institutions in Nigeria (OAPTIN).
  9. B. E. Udom, B. O. Nuga & **J. K. Adesodun** (2016). Water-stable aggregates and aggregate-associated organic carbon and nitrogen after three annual applications of poultry manure and spent mushroom wastes. *Applied Soil Ecology* 101: 5-10, DOI: <http://dx.doi.org/10.1016/j.apsoil.2016.01.007>. Published by Elsevier, Netherlands.
  10. Bassey Udom & **Johnson Kayode Adesodun** (2016): Soil penetrating quality in cultivated and forested coastal plain sands of Southern Nigeria. *Archives of Agronomy and Soil Science*, 62:7, 963-971, DOI: [10.1080/03650340.2015.1107677](http://dx.doi.org/10.1080/03650340.2015.1107677). Published by Taylor & Francis Group. <http://dx.doi.org/10.1080/03650340.2015.1107677>.
  11. **Adesodun, J. K.**, Olowokere, F. A, Ismail, A. O., Adekunle, A. O. & Osore, J. A. (2015). Transmission and storage properties of a tropical loamy sand soil as influenced by organic-based and inorganic fertilizers. *Acta Agriculturae Scandinavica, Section B — Soil & Plant Science*, 65: (1) 14-22. DOI: [10.1080/09064710.2014.959555](http://dx.doi.org/10.1080/09064710.2014.959555). Published by Taylor & Francis, United Kingdom.
  12. **Adesodun, J. K.**, Olowokere, F. A., Soretire, A. A., Adejuyigbe, C. O., Adewole, A. O., Akintokun, P. O. & Omoju, O. J. (2015). Carbon-nitrogen stocks and structural stability of a loamy sand soil as influenced by *Tithonia diversifolia* (L.) and other fertilizers. *International Journal of Soil Science* 10 (1): 37-44. Published by Academic Journal (**Science Alert**), USA. DOI: [10.3923/ijss.2015.37.44](http://dx.doi.org/10.3923/ijss.2015.37.44).
  13. **Adesodun, J. K.**, Lasisi, A. A., Salako, F. K., Njah, A. N. (2014). Physico-chemical properties and estimation of saturated hydraulic conductivity by pedotransfer functions along a toposequence under tillage in Isolu–Opeji, Southwest Nigeria. *Nigerian Journal of Tillage Research* 1: 31-41. Published by International Soil Tillage Research Organization (ISTRO), Nigeria Branch.

14. Sotona, T., Salako, F. K., **Adesodun, J. K.** (2014). Soil physical properties of selected soil series in relation to compaction and erosion on Farmers' fields at Abeokuta, southwestern Nigeria. ***Archives of Agronomy and Soil Science***. Volume 60 (6): 841-857. Published by Taylor & Francis, United Kingdom. [www.tandfonline.com/loi/gags20](http://www.tandfonline.com/loi/gags20). DOI: [10.1080/03650340.2013.844334](https://doi.org/10.1080/03650340.2013.844334).
15. Ijiyokun, A. O., **Adesodun, J. K.**, Akinsete, S. J., Atayese, M. O., Soretire, A. A. (2014). Impact of organic and inorganic fertilizers on physical and rheological properties of a sandy loam soil planted with maize (*Zea mays* L.). ***Journal of Organic Agriculture and Environment***, 2: 5-13. Published by Organic Agriculture Project in Tertiary Institutions in Nigeria (OAPTIN).
16. Olowokere, F. A., **Adesodun, J. K.**, Babalola, O. A., Akintokun, P. O., Adeyeye, A. A. (2014). Soil chemical properties and nutrient (N, P, K) uptake as affected by residual effect of organic and inorganic fertilizers. ***Nigerian Journal of Soil Science*** 24 (1):167-173. Published by Soil Science Society of Nigeria.
17. Olowokere, F. A., **Adesodun, J. K.**, Lawal, I. O., Omoayena, E. J., Ilori, V. O., Adeniji, O. T., Adia, D., Rahman, K. (2014): Soil chemical properties and okra yield as affected by sole and combined application of poultry manure and cow dung. ***Nigerian Journal of Ecology*** 13:01-11. Published by Ecological Society of Nigeria.
18. Fadare, F. J., Salako, F. K., and **Adesodun, J. K.** (2013). Soil structural and chemical conditions after disposal of fabric dye on a loamy sand soil in southwestern Nigeria. ***Nigerian Journal of Soil Science*** 23 (2): 27-37. Published by Soil Science Society of Nigeria.
19. Olowokere, F. A., **Adesodun, J. K.**, Adejuyigbe, C. O., Akintokun, P. O., Akinleye, S. A., Adeyemo, T. O. & Adeyemo, A. O. (2013). Soil chemical properties, yield and nutrient uptake of maize as influenced by plant and animal based amendments. ***Nigerian Journal of Soil Science***. Volume 23 (1): 197-206. Published by Soil Science Society of Nigeria.
20. Olowokere, F. A., **Adesodun, J. K.**, Akintokun, P. O., Egbedokun, A. O., Oyenekan, O. A. & Martins, M. S. (2013). Influence of plant and animal manures on soil chemical properties and tomato (*lycopersicum esculentum*) yield. ***Nigerian Journal of Soil Science***. Volume 23 (1): 207-217. Published by Soil Science Society of Nigeria.
21. Coker, J.O., Makinde, V., Mustapha, A.O. & **Adesodun, J.K.** (2013). The Application of Geophysical methods in foundation failure investigation: A case study of Metro Hotels, Camp

- Area, Abeokuta, South-western Nigeria. *Nature and Science* 11 (11): 103-109. ISSN 1545-0740. [www.sciencepub.net/nature](http://www.sciencepub.net/nature)
22. Coker, J.O., Makinde, V., Mustapha, A.O. & **Adesodun, J.K.** (2013). Electrical resistivity imaging for foundation failure investigation at Remo Secondary School, Sagamu, South-western Nigeria. *International Science and Investigation Journal* 2 (4): 40-50. ISSN: 2251-8576. Journal homepage: [www.isijournal.info](http://www.isijournal.info)
23. Coker, J.O., Makinde, V., **Adesodun, J.K.** & Mustapha, A.O. (2013). Integration of Geophysical and Geotechnical investigation for a proposed new Lecture Theatre at Federal University of Agriculture, Abeokuta, South-western Nigeria. *International Journal of Emerging Trends in Engineering and Development* 5 (3): 338-348. ISSN 2249-6149. [www.rspublication.com/ijeted/ijeted\\_index.htm](http://www.rspublication.com/ijeted/ijeted_index.htm)
24. Coker, J.O., Mustapha, A.O., Makinde, V. & **Adesodun, J.K.** (2013). Application of Radiometric surveys to delineate between sedimentary terrain and basement complex: A case study of Sagamu and Abeokuta, South-western Nigeria. *Journal of Natural Science Research* 3 (13): 13-16. Published by The International Institute for Science, Technology and Education (IISTE), USA. ISSN (Paper) 22243186; ISSN (Online) 2225-0921. [www.iiste.org/journals/](http://www.iiste.org/journals/)
25. Azeez, J. O., Hassan, O. A., **Adesodun, J. K.** & Arowolo, T. A. (2013). Soil Metal Sorption Characteristics and its Influence on the Comparative Effectiveness of EDTA and Legume Intercrop on the Phytoremediative Abilities of Maize (*Zea mays*), Mucuna (*Mucuna pruriens*), Okra (*Abelmoschus esculentus*), and Kenaf (*Hibiscus cannabinus*). *Soil and Sediment Contamination*, 22: 930–957. Published by Taylor & Francis, United Kingdom. <http://www.tandfonline.com/loi/bssc20>. DOI: [10.1080/15320383.2013.770442](https://doi.org/10.1080/15320383.2013.770442).
26. Babalola, O. A, **Adesodun, J. K.**, Olasantan, F. O., & Adekunle, A. F. (2012). Responses of Some Soil Biological, Chemical and Physical Properties to Short-term Compost Amendment. *International Journal of Soil Science* 7 (1): 28-38. Published by Academic Journals (**Science Alert**), USA.
27. Ekwue Y. A., Gbadebo A. M., Arowolo T. A. and **Adesodun J. K.** (2012). Assessment of metal contamination in soil and plants from abandoned secondary and primary goldmines in Osun

- State, Nigeria. *Journal of Soil Science and Environmental Management* 3 (11): 262-274. Published by Academic Journals. Available online at <http://www.academicjournals.org/JSSEM>. DOI: [10.5897/JSSEM11.116](https://doi.org/10.5897/JSSEM11.116).
28. **Adesodun, J. K.** & Adekonojo, O. S. (2011). Microaggregate stability and organic carbon fractions of a tropical loamy sand amended with pig-composted manure. *Nigerian Journal of Soil Science*. 21 (2): 80-89. Published by Soil Science Society of Nigeria.
  29. Ajiboye, G. A., Alabi, K. O., Aiboni, V. U., Okeleye, K. A., **Adesodun, J. K.** (2011). Classification and suitability evaluation of the soils of a toposequence at Odeda, Ogun-State for the production of rice (*Oriza sativa* L). *Nigerian Journal of Soil Science* 21 (2): 142-155. Published by Soil Science Society of Nigeria.
  30. Soretire, A. A., **Adesodun, J. K.**, Oludemi, B. M. (2011). Effect of heavy metal contamination on microbial population, carbon and nitrogen mineralization in soil planted to legumes. *Nigerian Journal of Soil Science*. 21 (2): 112-117. Published by Soil Science Society of Nigeria.
  31. **Adesodun, J. K.**, Atayese, M. O., Agbaje, T. A., Osadiaye, B. A., Mafe, O. F., & Soretire, A. A., (2010). Phytoremediation potentials of Sunflowers (*Tithonia diversifolia* and *Helianthus annuus*) for metals in soils contaminated with zinc and lead nitrates. *Water, Air, and Soil Pollution*, Volume 207, Issue 1, Page 195-201. DOI 10.1007/s11270-009-0128-3. Published by Springer Science, Netherlands. Available online at <http://dx.doi.org/10.1007/s11270-009-0128-3>.
  32. **Adesodun, J. K.**, Soretire, A. A., & Oyegoke, C. O., (2010). Evaluation of some organic amendments for bioremediation of spent oil-contaminated soil using soybean (*Glycine max.* L) as a test crop. *Nigerian Journal of Soil Science* 20: 128-143. Published by Soil Science Society of Nigeria. Available online at <http://soilsnigeria.net/s/download/journal>.
  33. **Adesodun, J. K.**, & Odejimi, O. E., (2010). Carbon-nitrogen sequestration potentials and structural stability of a tropical Alfisol as influenced by pig-composted manure. *International Agrophysics* 24: 333-338. Published by Polish Academy of Sciences, Poland. Available online at [www.internationalagrophysics.org](http://www.internationalagrophysics.org).
  34. Atayese, M. O., Eigbadon, A. I., Oluwa, K. A., & **Adesodun, J. K.**, (2009). Heavy metal contamination of amarantus grown along major highways in Lagos, Nigeria. *African Crop Science Journal* Volume 16, No. 4: 225-235. Published by African Crop Science Society.



35. **Adesodun, J. K.** (2008). Changes in physico-chemical properties of an alfisol polluted with spent oil and amended with animal droppings. *Nigerian Journal of Soil Science* 18:147-160. Published by Soil Science Society of Nigeria. Available online at <http://soilnigeria.net/s/download/journal>
36. **Adesodun, J. K.,** & Mbagwu, J. S. C. (2008). Biodegradation of waste-lubricating petroleum oil in a tropical alfisol as mediated by animal droppings. *Bioresource Technology* 99: 5659-5665. Published by Elsevier, Netherlands. Available online at [www.elsevier.com/locate/biortech](http://www.elsevier.com/locate/biortech)
37. **Adesodun, J. K.,** & Mbagwu, J. S. C. (2008). Distribution of heavy metals and hydrocarbon contents in an alfisol contaminated with waste-lubricating oil amended with organic wastes. *Bioresource Technology* 99: 3195-3204. Published by Elsevier, Netherlands. Available online at [www.elsevier.com/locate/biortech](http://www.elsevier.com/locate/biortech)
38. **Adesodun, J. K.,** Davidson, D. A., & Mbagwu, J. S. C. (2008). Soil faunal activity of an oil-polluted tropical alfisol amended with organic wastes as determined by micromorphological observations. *Applied Soil Ecology* 39: 46-57. Published by Elsevier, Netherlands. Available online at [www.elsevier.com/locate/apsoil](http://www.elsevier.com/locate/apsoil).
39. **Adesodun, J. K.,** Davidson, D. A., & Mbagwu, J. S. C. (2008). Soil quality assessment of an oil-contaminated tropical alfisol amended with organic wastes based on image analysis of pore space. *Geoderma* Volume 146: 166-174. Published by Elsevier, Netherlands. Available online at [www.elsevier.com/locate/geoderma](http://www.elsevier.com/locate/geoderma).
40. **Adesodun, J. K.,** Adeyemi, E. F., & Oyegoke, C. O. (2007). Distribution of nutrient elements within water-stable aggregates of two tropical agro-ecological soils under different land uses. *Soil & Tillage Research* 92: 190-197. Published by Elsevier, Netherlands. Available online at [www.elsevier.com/locate/still](http://www.elsevier.com/locate/still)
41. Salako, F. K., Dada, P. O., **Adesodun, J. K.,** Olowokere, F. A., & Adekunle, I. O. (2007). Variation in soil strength, bulk density and gravel concentration along a toposequences in Abeokuta, southwestern Nigeria. *Australian Journal of Soil Research* 45: 643-650. Published by CSIRO, Australia. Available online at [www.publish.csiro.au/journals/ajsr](http://www.publish.csiro.au/journals/ajsr)
42. Kazeem, A. T., & **Adesodun, J. K.** (2006). An environmental management study of soils contaminated with effluents from a roofing sheet-producing plant in Abeokuta, Nigeria.

*Journal of Agricultural Management and Rural Development* 3: 66-72. Published by The Faculty of Agricultural Management

and Rural Development, Olabisi Onabanjo University, Yelwa campus, Ayetoro, Nigeria.

43. **Adesodun, J.K.**, Mbagwu, J.S.C, & Oti, N. (2005). Distribution of carbon, nitrogen and phosphorus in water-stable aggregates of an organic waste amended Ultisol in southern Nigeria. *Bioresource Technology* 96: 509-516. Published by Elsevier, Netherlands. Available online at [www.elsevier.com/locate/biortech](http://www.elsevier.com/locate/biortech)
44. **Adesodun, J. K.**, Davidson, D. A., & Hopkins, D. W. (2005). Micromorphological evidence for changes in soil faunal activity following application of sewage sludge and biocide. *Applied Soil Ecology* 29: 39-
45. Published by Elsevier, Netherlands. Available online at [www.elsevier.com/locate/apsoil](http://www.elsevier.com/locate/apsoil).
45. Udom, B. E., Mbagwu, J. S. C., **Adesodun, J. K.**, & Agbim, N. N. (2004). Distribution of zinc, copper, cadmium and lead in a tropical Ultisol after long-term disposal of sewage sludge. *Environment International* 30: 467-470. Published by Elsevier, Netherlands. Available online at [www.elsevier.com/locate/envint](http://www.elsevier.com/locate/envint).
46. **Adesodun, J.K.**, Mbagwu, J.S.C, & Oti, N. (2004). Distribution of carbohydrate pools within waterstable aggregates of an Ultisol in Southern Nigeria. *International Agrophysics* 18: 103-109. Published by Polish Academy of Sciences, Poland. Available online at [www.ipan.lublin.pl/int-agrophysics](http://www.ipan.lublin.pl/int-agrophysics).
47. **Adesodun, J.K.**, Mbagwu, J.S.C, & Oti, N. (2001). Structural stability and carbohydrate contents of an ultisol under different management systems. *Soil & Tillage Research* 60:135-142. Published by Elsevier, Netherlands. Available online at [www.elsevier.com/locate/still](http://www.elsevier.com/locate/still). **B.**

**Edited Conference Proceeding:**

48. **J. K. Adesodun** (2021). Scientific and Technological Approaches to Mitigating the Impact of COVID-19 Pandemic and its Socio-Economic Challenges (**Lead Paper Presentation**). 3<sup>rd</sup> Biennial International Conference, Centre for Research, Innovation and Development (CRID), The Federal Polytechnic, AdoEkiti, Nigeria (21-25 June, 2021).
49. **J. K. Adesodun**, A. A. Lasisi, F. K. Salako, A. N. Njah (2014). Maximum soil water content for optimum tillage operations along a toposequence in Isolu–Opeji, Southwest Nigeria. **Proceedings of the International Soil Tillage Research Organisation (ISTRO) Nigeria**

**Symposium, Akure 2014 November 3 - 6, Akure, Nigeria.** Manuwa, S. I and Olaoye, J. O. (Eds). pp. 307 – 319. ISBN – 978 – 187 – 472 – 4.

Published by ISTRO-Nigeria.

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