

PUBLICATIONS

(a) Articles that have already appeared in learned Journals

- (1) Oku, E .E. A.N. Essoka and **S. O. Oshunsanya** (2005). Determination of infiltration Characteristics and suitability of kostiakov and Philip infiltration models in predicting infiltration into soils under different treatments. *Global Journal of Pure and Applied Sciences*. 11(3): 323-326
<http://doi.org/10.4314/gipas.v11i3.16508>
- (2) Babalola, O., **S. O. Oshunsanya** and K. Are (2005). Continuous cultivation of maize under vetiver grass (*vetiveria nigritana*) strip management: Runoff, Soil loss, Nutrient loss and crop yields. *Ibadan Journal of Agricultural Research*. 1 (2): 16-26
- (3) Babalola, O. and **S.O. Oshunsanya** (2007). Effect of vetiver grass strip (*Vetiveria nigritana*) Spacing on soil and water loss and the yield of maize. *Ibadan Journal of Agricultural Research*. 3 (1): 17-25
- (4) Babalola, O., **S. O. Oshunsanya** and K. Are (2007). Effects of vetiver grass (*vetiveria nigritana*) strips, vetiver grass mulch and an organo-mineral fertilizer on soil water and nutrient losses and maize (*Zea mays* L.) yields. *Soil and Tillage Research* 96: 6-18 (Netherlands) (**Elsevier**)
<http://doi:10.1016/j.still.2007.02.008>
- (5) Aiyelari, E.A. and **S.O. Oshunsanya** (2008). Preliminary studies of Soil Erosion in a valley bottom in Ibadan under some tillage practices. *Global Journal of Pure and Applied Sciences*. 7 (2): 221-228. <http://doi.org/10.4314/gjass.v7i2.2388>
- (6) Aiyelari E.A., **S.O. Oshunsanya**, R.A. Abimbola and M.O. Adigun (2009). Seedbed methods and mulching interactive effects on the growth and yield of okra (*Abelmoscuhus esculentus* L. Moench) in Ibadan. *International Journal of Multi – disciplinary Research* 2 (2): 173 – 180.

- (7) **Oshunsanya, S.O.** (2010). Predicting infiltration rates and determining suitability of infiltration models under vetiver grass strips management systems in Southwestern Nigeria. *Nigerian Journal of Soil Science*, 20(1): 36 – 44.
- (8) **Oshunsanya, S.O.** (2010). Soil Physical Properties and Yields of Okra (*Abelmoschus esculentus*) as Affected by Locally Manufactured Compost in Nigeria. *American-Eurasian Journal of Agricultural and Environmental Science*, 9 (4): 450 – 459
(Pakistan)
- (9) **Oshunsanya, S.O.** (2011). Improving the physical properties of degraded Alfisol in Nigeria using organic amendments for profitable okra production. *Nigerian Journal of Soil Science*, 21 (1): 90 - 94.
- (10) **Oshunsanya, S.O.** and E.A. Ewetola (2011). Production of Hygienic *Amaranthus cruentus* on soils remediated with vetiver grass species in Ibadan, Nigeria. *Journal of Science Research*, 10 (2): 212 - 220.
- (11) **Oshunsanya, S.O.**, K.O. Oluwasemire and K. S. Ogunwumi (2012). The Use of Vetiver Grass Slips in Removing Heavy Metal Contamination of Dumpsite in Ibadan Metropolis. *Scholarly Journal of Agricultural Science*, 2 (6): 115 – 118.
<http://www.scholarly-journals.com/SJAS>
- (12) Fagbenro, J.A., A.O. Banjo and **S.O. Oshunsanya** (2012). Effect of Amendment and Composting on the Effectiveness of Saw Dust as an Organic Fertilizer. *Envirotopica (An International Journal of the Tropical Environment)* 8: 80 - 88
- (13) Fagbenro, J.A., B.T. Salami, **S.O. Oshunsanya** and E.A. Aduayi (2012). The Potential and Promise of Biochar for Sustainable Soil Productivity and Crop Production. *Envirotopica (An International Journal of the Tropical Environment)* 8 : 89 – 110.
- (14) **Oshunsanya, S.O.**, J.A. Fagbenro and N.O. Anenyeonwu (2012). Evaluation of the Quality of Soils Retained by Vetiver Grass Hedgerows on Runoff Plots in Southwest Nigeria. *Envirotopica (An International Journal of the Tropical Environment)*, 8: 1 - 10
- (15) Adeniyi, M.O., **S.O. Oshunsanya** and E. F. Nymphas (2012). Validation of analytical algorithms for the estimation of soil thermal properties using de Vries model. *American Journal of Scientific and Industrial Research (AJSIR)*, 3(2): 103 - 114. (United States of America)
<http://www.scihub.org/AJSIR/10.5251/ajsir.2012.3.2.103.114>

- (16) K.O. Oluwasemire, G.T. Oyerinde and **S.O. Oshunsanya** (2012). Effects of water pollution on soil physical and hydrological properties of a valley bottom at the University of Ibadan, Oyo State, Nigeria. *Nigerian Journal of Ecology* 12: 1 – 12.
- (17) **Oshunsanya, S.O.** and T.B. Akinrinola (2012). Changes in soil physical properties under yam production on a degraded soil amended with organomineral fertilizers in southwest Nigeria. *African Journal of Agricultural Research* 8(39): 4895 – 4901. <http://doi.org/10.5897/AJAR2011.708>
- (18) **S.O. Oshunsanya** (2013). Spacing Effects of Vetiver Grass (*Vetiveria nigriflora* Stapf) Hedgerows on Soil Accumulation and Yields of Maize-Cassava Intercropping System in Southwest Nigeria. *Catena* 104: 120 – 126. (Netherlands) (**Elsevier**) <http://dx.doi.org/10.1016/j.catena.2012.10.019>
- (19) **S.O. Oshunsanya** (2013). Crop Yields as Influenced by Land preparation Methods Established within Vetiver Grass Alleys for Sustainable Agriculture in Southwest Nigeria. *Agroecology and Sustainable Food Systems* 37 (5) 578 – 591. (California, United States of America) (**Taylor & Francis**) <http://doi.org/10.1080/21683565.2012.762439>
- (20) **S.O. Oshunsanya** (2013). Surface soil properties and maize yields in runoff plots planted with vetiver grass (*Vetiveria nigriflora* Stapf) hedges. *Soil Science* 178 (4): 205 – 213. <http://doi.org/10.1079/SS.0B013e318298bdd1> (**New Jersey, U.S.A.**)
- (21) **S.O. Oshunsanya** (2013). Predicting saturated hydraulic conductivity from selected properties of Alfisol using pedo-transfer functions – A case study of the Iwo sandy loam, Ibadan, Southwest Nigeria. *Ife Journal of Science* 15 (1): 135 – 143.
- (22) E. A. Aiyelari, **S.O. Oshunsanya**, J.A. Fagbenro, Favour O. Oritsejafor and Esther A. Ewetola (2013). Groundnut (*Arachis hypogaea* L.) Growth and Yield as affected by Soil Compaction. *Environtropica (An International Journal of the Tropical Environment)* 10: 73 – 83.
- (23) Fagbenro, J.A., **Oshunsanya, S.O.** and Onawumi, O.A. (2013). Effect of Saw Dust Biochar and NPK 15:15:15 Inorganic Fertilizer on *Moringa oleifera* Seedlings Grown in an Oxisol. *Agrosearch* 13 (1): 57 – 68. <http://doi.org/10.4314/agrosh.v13i1.6>

- (24) Adelana, A. O., Aiyelari, E. A., **Oshunsanya, S. O.** and Are, K. S. (2013). Soil structural quality of an Oxic Paleustalf as affected by tillage and grass cover in a derived savanna of Southwest, Nigeria. *Moor Journal of Agricultural Research* 14: 9 – 22.
- (25) **Oshunsanya, S.O.**, Are, K. and Fagbenro, J.A. (2014). The use of vetiver grass (*Vetiver nigritana* Stapf) strips in checking soil loss and improving yields of maize-cassava-cowpea intercropping systems in Southwest Nigeria. *Journal of Applied Agricultural Research* 6(1): 237 – 244.
- (26) **Oshunsanya, S.O.** and T. O. Adeniran (2014). Water Quality and Crop Contamination in Peri-Urban Agriculture. *Agricultura Tropica et Subtropica* 47 (3): 94 – 105. (Czech Republic) (**Elsevier**) <http://doi.org/10.2478/ats-2014-0013>
- (27) **Oshunsanya, S. O.**, Fagbenro, J. A. and T. O. Oyewo (2015). Growth and mineral composition of *Moringa oleifera* seedlings as affected by soil texture under water stress conditions. *Journal of Applied Agricultural Research* 7: 151-160.
- (28) Fagbenro, J. A., **Oshunsanya, S. O.** and Oyeleye, B. A. (2015). Effects of Gliricidia Biochar and Inorganic Fertilizer on Moringa Plant Grown in an Oxisol. *Communications in Soil Science and Plant Analysis* 46 (5): 619 – 626. <http://doi.org/10.1080/00103624.2015.1005222> (United States of America) (**Taylor & Francis**)
- (29) Fagbenro, J. A., **Oshunsanya, S. O.**, Aluko, P. A. and Oyeleye, B. A. (2015). Biomass production, tissue nutrient concentration, and N₂-fixing potentials of seven tropical leguminous species. *Communications in Soil Science and Plant Analysis* 46 (6): 709 – 723. <http://doi.org/10.1080/00103624.2015.1005221> (United States of America) (**Taylor & Francis**)
- (30) Ewetola, E. A. and **Oshunsanya, S. O.** (2015). Artificial topsoil removal effect on some arable crops performance in Ogbomoso, Nigeria. *Journal of Agriculture and Veterinary Science* 8 (5): 90 – 98. (**India**) <http://doi.org/10.9790/2380-08519098>
- (31) **Oshunsanya, S. O.**, Aiyelari, E. A., Aliku, O. and Odekanyin, R. A. (2015). Comparative performance of okra (*Abelmoschus esculentus*) under subsistence farming using drip and watering can methods of irrigation. *Irrigation and Drainage Systems Engineering* 5 (2): 159 (**USA**) <http://doi.org/10.4172/2168-9768.1000159>
- (32) **Oshunsanya, S. O.** (2016). Quantification of soil loss due to white cocoyam (*Colocasia esculentus*) and red cocoyam (*Xanthosoma sagittifolium*) harvesting in traditional farming system. *Catena* 137: 134 – 143 (Netherlands) (**Elsevier**) <http://dx.doi.org/10.1016/j.catena.2015.09.013>
- (33) Aliku, O. and **Oshunsanya, S. O.** (2016). Modelling irrigation water requirements at physiological growth stages of okra life cycle using CROPWAT model

for driven savannah and humid forest zones of Nigeria. *Agricultura Tropica Et Subtropica* Vol. 49 No. 1- 4: 20 – 29. (Czech Republic) **(Elsevier)**
<http://doi.org/10.1515/ats-2016-0003>

- (34) **Oshnusanya, S. O.** (2016). Alternative method of reducing soil loss due to harvesting of sweet potato in Nigeria: A case study of low input agriculture. *Soil and Tillage Research* 158: 49 – 56 (Netherland) **(Elsevier)**.
<http://dx.doi.org/10.1016/j.still.2015.11.007>
- (35) **Oshunsanya, S. O.,** Oluwasemire, K. O. and Taiwo, O. J. (2017). Use of GIS to delineate site-specific management zone for precision agriculture. *Communications in Soil Science and Plant Analysis* Vol. 48. No. 5: 565 – 575. (United States of America) **(Taylor & Francis)**
<http://doi.org/10.1080/00103624.2016.1270298>
- (36) **Oshunsanya, S. O.** and Nwosu, N. J. (2017). Predicting soil erodibility of four tropical soils in South-western Nigeria using selected soil properties. *Ibadan Journal of Agricultural Research* Vol. 12. No. 1: 71 - 84.
- (37) **Oshunsanya, S.O.** and Nwosu, N. J. (2017). Suitability of universal soil loss erodibility, inter-rill and rill erodibility models for selected tropical soils. *Agricultura Tropica et Subtropica* 50 (4): 191 – 198. (Czech Republic) **(Elsevier)** <http://doi.org/10.1515/ats-2017-0020>
- (38) Fagbenro, J.A., **S.O. Oshunsanya,** Oyeleye, B. and E.A. Aduayi (2018). Effect of two biochar types and inorganic fertilizer on soil chemical properties and growth of maize (zea mays l.). *International Educational Scienfitic Journal* 4 (2): 43-50 (USA)
- (39) **Oshunsanya, S.O.,** Hanqing Yu and Y. Li (2018). Soil loss due to root crop harvesting increases with tillage operations. *Soil and Tillage Research* 181: 93-101. **(Elsevier)** <https://doi.org/10.1016/j.still.2018.04.003>
- (40) **Oshunsanya, S. O.,** Ayeni, A. and Fagbenro, J. A. (2018). Biomass production of moringa (*Moringa oleifera* L.) at various sowing depths in a coarse textured soil. *AGROFOR International Journal* 2 (2): 5-14.
<http://udc:582.683.4//doi.org/10.7251/AGRENG17020050> (Republic of Srpska)
- (41) Akanji, M.A., **S.O. Oshunsanya** and A. Alomran (2018). Electrical conductivity method for predicting yields of two yam (*Dioscorea alata*) cultivars in a coarse textured soil. *International Soil and Water Conservation* 6: 230-236. (China)**(Elsevier)** <https://doi.org/10.1016/j.iswcr.2018.01.003i>
- (42) Are, K. S., **S.O. Oshunsanya** and G.A. Oluwatosin (2018). Changes in soil physical health indicators of an eroded land as influenced by integrated use of narrow grass strips and mulch. *Soil and Tillage Research* 184: 269-280 **(Elsevier)**. <https://doi.org/10.1016/j.still.2018.08.009>

- (43) Amao, P.A, **Oshunsanya, S.O.** and Afolabi, A. M. (2018). Yield evaluation and assessment of growth of five different varieties of sweet potato (*Ipomoea batatas* (L.) lam). *Journal of Agriculture and Ecology Research International* 15 (1): 1-8. <http://doi.org/10.9734/JAERI/2018/40744>
- (44) Aliku, O. and **Oshunsanya, S.O.** (2018). Assessment of the SOILWAT model for predicting soil hydro-physical characteristics in three agro-ecological zones in Nigeria. *International Soil and Water Conservation* 6: 131-142. <https://doi.org/10.1016/j.iswcr.2018.01.003i> (China)(Elsevier)
- (45) **Oshunsanya, S. O.**, H. Yu, Y. Li, S. Saggar (2018). Root hairs and cortex contribute to soil loss due to root crop harvesting. *Catena* 174: 514-523 (Elsevier) <https://doi.org/10.1016/j.catena.2018.11.016>
- (46) **Oshunsanya, S. O.**, Y. Li, H. Yu (2019). Vetiver grass hedgerows significantly reduce nitrogen and phosphorus losses from fertilized sloping lands. *Science of the Total Environment* 661: 86-94 (Elsevier). <https://doi.org/10.1016/j.scitotenv.2019.01.129>
- (47) Yu, H., Y. Li, **S. O. Oshunsanya**, K. S. Are, Y. Geng, S. Saggar, W. Liu (2019). Re-introduction of light grazing reduces soil erosion and soil respiration in a converted grassland on the Loess Plateau, China. *Agriculture, Ecosystems and Environment* 280: 43-52. (Elsevier) <https://doi.org/10.1016/j.agee.2019.04.020>
- (48) Huang, Z., **Oshunsanya, S. O.**, Li, Y., Yu, Y., Are, S.K. (2019). Vetiver grass hedgerows significantly trap P but little N from sloping land: evidenced from a 10-year field observation. *Agriculture, Ecosystems and Environment* 281 (1): 72-80 (Elsevier) <https://doi.org/10.1016/j.agee.2019.05.005>
- (49) Aliku, O.O., Oshunsanya, S.O., Ikoko, C.B. (2019). Organic farming: An agricultural waste management system for enhancing soil properties and crop yield. *Modern Concepts and Developments in Agronomy* 4(5): 478-482. <https://doi.org/10.31031/MCDA.2019.04.000599>
- (50) Aiyelari, E. A., **Oshunsanya, S. O.**, Aliku, O., Akomolafe, T. N. (2019). Energy requirement for manual cassava harvesting on coarse textured soils in Ibadan, Nigeria. *Journal of Agricultural Science and Technology* 21 (2): 439-450.
- (51) **Oshunsanya, S. O.**, Okoh, G. E., Amao, P. A., Aliku, O., Chukwuma, E. A. (2019). Effect of live mulch conservation practices on crop yields: A study of sweet potato in Southwest Nigeria. *Asian Research Journal of Agriculture*. 11(2): 1-13.

- (52) Fagbenro, J. A., **Oshunsanya, S. O.**, Aliku O., Odekunle D. (2018). Effects of Maize Crop Residue Biochar, Un-Charred Poultry Manure and Inorganic Fertilizer on Maize Grown in Pedogenic Horizons of a Tropical Alfisol. *BiocharTec Journal*. 1:15-27.
- (53) Odekunle, D., Olutona G. O., **Oshunsanya S. O.**, Fagbenro, J. A. (2018). Effects of organic-based amendments on soil chemical properties and stabilization of cadmium (Cd) and lead (Pb) in battery-waste contaminated soil. *BiocharTec Journal*. 1:32-35.
- (54) **Oshunsanya, S. O.**, Aliku, O., and Fagbenro, J. A. (2018). Biochar – Remediation Technology: An alternative method of cleaning up heavy metals in soils. *BiocharTec Journal*. 1:66-77.
- (55) **Oshunsanya, S. O.**, Fagbenro, J. A., Aliku, O., Adeyemi, A. (2018). An integrated biochar and soil moisture deficit management for maize (*zea mays* L.) growth and biomass production. *BiocharTec Journal*. 1:91-94.

(C) Books and Monographs

- (56) **Oshunsanya, S.O.** (2011). Soil Physics. First Edition. Ibadan, Debank Publishers. 166pp. ISBN 978-978-912-477-0

(a) Chapters in Edited Books/Revised Chapters in Edited Books

- (57) **Oshunsanya, S. O.** and Aliku, O. (2016). Biochar Technology for Sustainable Organic Farming. In Konvalina, P. (Ed.) Organic Farming. A promising way of Food Production: Intech (Science, Technology and Medicine open access), 111 – 129pp. ISBN 978 – 953 – 51 – 4582 – 0 <http://dx.doi.org/10.5772/61440> (Croatia)
- (58) **Oshunsanya, S. O.** and Aliku, O. (2016). GIS Applications in Agronomy. In Imperatore, P. and Pepe, A. (Eds.) Geospatial Technology. Environmental and Social Applications: Intech (Science, Technology and Medicine open access), 217 – 234pp. ISBN 978-953-51-2627-0 <http://dx.doi.org/10.5772/64528> (Croatia)
- (59) **Oshunsanya, S.O.** and Aliku, O. (2017). Vetiver grass: A tool for sustainable agriculture. In Almusaed, A. and Al-Samaraee, S.M.S. (Ed.) Grasses. Benefits, Diversities and Functional Roles: Intech (Science, Technology and Medicine open access), 143-158pp. <http://dx.doi.org/10.5772/intechopen.69303> (Croatia)
- (60) **Oshunsanya, S.O.** and N.J. Nwosu (2018). Soil-Water-Crop Relationship: A Case Study of Cassava in the Tropics. Intech (Science, Technology and Medicine open access), 163 – 181pp. <http://dx.doi.org/10.5772/intechopen.71968> (Croatia).

- (61) **Oshunsanya, S. O.**, Nwosu, N. J. and Li, Y. (2019). Abiotic stress in agricultural crops under climatic conditions. In: Jhariya, M., Banerjee, A., Meena, R., Yadav, D. (Eds.) Sustainable Agriculture, Forest and Environmental Management: Springer, Singapore, 71-100pp. https://doi.org/10.1007/978-981-13-6830-1_3 (Switzerland) Print ISBN 978-981-13-6829-5, Online ISBN 978-981-13-6830-1
- (62) Nwosu, N. J. and **Oshunsanya, S. O.** (2021). Irrigation Practices in Moderately Warm Arid Areas of Sub-Sahara Africa. In: Leal Filho et al. (Eds.) Handbook of Climate Change Management: Springer, Singapore, 1-29pp. https://doi.org/10.1007/978-3-030-22759-3_130-1 (Switzerland)

Articles that have already appeared in Referred Conference Proceedings

- (63) AdeOluwa O. O. and **S. O. Oshunsanya** (2009). Changes in soil physical properties resulting from application of organic material sources. In: A.S. Fasina, O. J. Ayodele, A.E.Salami and S. O. Ojieniyi (Eds.) Proceedings of the 33th Annual Conference of the Soil Science Society of Nigeria. Held in University of Ado – Ekiti, Ado – Ekiti, Ekiti State, March 9 – 13, 2009. P 219 – 224
- (64) **Oshunsanya, S.O.**, Oluwasemire, K.O., Akinnowo, O.O. and Awosanmi, R.O. (2010). A comparison of field and laboratory saturated hydraulic conductivities of an Alfisol in Ibadan. In: S.O.Ojieniyi (Ed.) Proceedings of the 34th Annual Conference of the Soil Science Society of Nigeria. Held in Institute of Agricultural Research and Training, Ibadan, March 22nd – 26th, 2010. p 97 – 104.
- (65) Dennis, E. and **Oshunsanya, S.O.** (2014). Preliminary Studies of Variability of Runoff and Soil Loss within and among Runoff Plots Planted with Vetiver Grass Strips. Proceedings of the 38th Annual Conference of the Soil Science Society of Nigeria. Held in University of Uyo, Uyo, March 10 – 14, 2014, p 195 – 205.
- (66) **Oshunsanya, S. O.**, Fagbenro, J. A. , Aliku, O. and Oke, O. A. (2015). Nursery establishment of *Moringa oleifera* as affected by pre-sowing seed treatments in a coarse textured soil. In: G. Rahmann, T. I. Olabiyi and V. I. O. Olowe (Eds.) Scientific Track Proceedings of the 3th African Organic Conference “Achieving Social and Economic Development through Ecological and Organic Agricultural Alternatives”. Held in Lagos, 5 – 9 October, 2015, p 1 – 5.
- (67) AyanfeOluwa, O. E., AdeOluwa, O. O., **Oshunsanya, S. O.** and Aduramigba-Modupe V. O. (2015). Effect of accelerated compost on soil physical and chemical properties of an Alfisol. In: G. Rahmann, T. I. Olabiyi and V. I. O. Olowe (Eds.) Scientific Track Proceedings of the 3th African Organic Conference “Achieving Social and Economic Development through Ecological and Organic Agricultural Alternatives”. Held in Lagos, 5 – 9 October, 2015, p 53 – 57.

- (68) **Oshunsanya, S. O.** and Isola, J. O. (2015). Growth and yield of yam cultivars as influenced by staked and unstaked cultural practices in Southwest Nigeria. In S.O.Ojeniyi, O. O. Agbede, O.T.V. Adebisi, A. A. Onwukwe (Eds.) Proceedings of the 39th Annual Conference of the Soil Science Society of Nigeria. Held in Landmark University Omu-Aran, Kwara State, March 9th – 13th, 2015. p 425 – 431.
- (69) **Oshunsanya, S. O.** and Aliku, O. (2015). Restoring and Improving Soil Properties using Biochar Technology. In Taiwo, L. B., Adesanwo, O. O., Ojo, A. O. and Are, K. S. (Eds.) Putting the Earth Back in Black for Sustainable Food Security and Safer Environment: Proceedings of the 1st Annual Conference of Biochar Initiative of Nigeria. Iwo: Bowen University. 57 – 66pp. (Nigeria)
- (70) **Oshunsanya, S.O.**, Fagbenro, J.A., Aliku, O. and Adeyemi, A. (2017). An integrated biochar and soil moisture deficit management for maize (*Zea mays* L.) growth and biomass production. Proceedings of the 3rd Annual Conference of Biochar Initiative of Nigeria. Ibadan: University of Ibadan.
- (71) Asowata, F.E., **S.O, Oshunsanya**, M.O, Ogunlade, M Akanji, and M.A, Oladunjoye (2018). Predicting soil properties under cocoa plantation (*Theobroma cacao*) using electrical resistivity method in an Alfisol at Cocoa Research Institute of Nigeria. Proceedings of the 51st Annual Conference of Agricultural Society of Nigeria. Abuja: University of Abuja. 1106 – 1111pp. (Nigeria)

(d) Technical papers

- (72) Aiyelari, E.A., G.E. Akinbola and **S.O. Oshunsanya** (2010). Irrigation Suitability Evaluation of Ogun-Osun River Basin Development Authority site at Eggua-Igan Alade, Yewa North, Ogun State, Nigeria. A report submitted to Ogun- Osun River Basin Development Authority. 88pp.
- (73) Orimoloye, J. R., **Oshunsanya, S. O.** and Akinbola, G. E. (2015). Soil Survey and Land Evaluation of FABUFARMS at Ikanyin village, Iseyin Local Government Area, Oyo State, Nigeria. A report submitted to Fabulastic Stella Agro Nigeria Limited. 123pp.

Major Conferences Attended with Papers Read (in the last 5 years)

- (1) 36th Annual Conference of the Soil Science Society of Nigeria, 12 – 16 March, 2012. University of Nigeria, Nsukka, Nigeria
Oshunsanya, S. O. (2012): Predicting saturated hydraulic conductivity from selected properties of alfisol using pedo-transfer functions in Southwest Nigeria.

- (2) 2nd West Africa Summit on Organic Agriculture, 10 – 13 September, 2012 University of Ibadan, Ibadan, Nigeria.
Paper presented: **Oshunsanya, S. O.**, Fagbenro, J. A., Oshunsanya, B. A. and Wahab, A. A. Soil erodibility as influenced by long term fallow in South western Nigeria.
- (3) 38th Annual Conference of the Soil Science Society of Nigeria, 10 – 14 March, 2014 University of Uyo, Uyo, Nigeria.
Dennis, E. and **Oshunsanya, S. O.** Preliminary studies of variability of runoff and soil loss within and among runoff plots planted with vetiver grass strips.
- (4) 20th World Congress of Soil Science, June 8 – 13, 2014 ICC Jeju, **Korea**.
wc20@20wc20.org
Paper presented: Oshunsanya, S. O. Fagbenro, J. A. and Oyewo, T. O. Growth performance and mineral composition of *Moringa oleifera* seedlings as influenced by surface and subsoil under water stress.
- (5) 39th Annual Conference of the Soil Science Society of Nigeria, 9 - 13 March, 2015 Landmark University Omu-Aran, Kwara State, Nigeria.
Paper presented: **Oshunsanya, S. O.** and Isola, J. O. Growth and yield of yam cultivars as influenced by staked and un-staked cultural practices in Southwest Nigeria.
- (6) 1st Annual Conference of Biochar Initiative of Nigeria, 24 March, 2015 Bowen University, Iwo, Nigeria.
Paper presented: **Oshunsanya, S. O.** and Aliku, O. Restoring and improving soil properties using biochar technology.
- (7) 3th African Organic Conference, 5 – 9 October, 2015 Lagos, Nigeria.
Paper presented: **Oshunsanya, S. O.**, Fagbenro, J. A. , Aliku, O. and Oke, O. A. Nursery establishment of *Moringa oleifera* as affected by pre-sowing seed treatments in a coarse textured soil.
- (8) VII International Scientific Agriculture Symposium “Agrosym 2016” 6 – 9 October, 2016, Jahorina, **Bosnia and Herzegovina**. www.agrosym.rs.ba
Paper presented: Oshunsanya, S. O., Ayeni, A. and Fagbenro, J. A. Biomass production of moringa (*Moringa oleifera* L.) at various sowing depths in a coarse textured soil.
- (9) The 4th Asia Pacific Biochar Conference (APBC 2018), 3 – 8 November, 2018 Foshan University, Foshan, **China** <http://apbc2018.csp.escience.cn/dct/page/1>.
Paper presented: **Oshunsanya, S.**, Fagbenro, J., Adeyemi, A., Aliku, O. Maize stubble based biochar effects on maize growth and biomass production in a coarse textured soil

- (10) The 2nd International Conference on Advances in Crop Improvement and Agronomy (ACIA 2019), 23-25 March, 2019. Xi'an Grand Dynasty Culture Hotel, Xi'an, **China**. <http://www.engii.org/conference/ACIA2019/>
Paper presented: **Oshunsanya, S.** Influence of yam staking cultural practice on mound size and soil loss due to yam (*Dioscorea alata*) harvesting