



SAMUEL OLALEKAN OLAJUYIGBE
PROFESSOR OF FOREST ECOLOGY AND SILVICULTURE

Phone: +2348079279357

so.olajuyigbe@ui.edu.ng

lekito2001@yahoo.com

Date of Birth: 27 November 1979

Department of Forest Production and Products, Faculty of Renewable Natural Resources, University of Ibadan, Ibadan, Nigeria

RESEARCH INTERESTS

Agroforestry, Forest Ecology, Silviculture and Ecosystem Restoration/Rehabilitation

EDUCATION

PhD University College Dublin, Dublin, Ireland, Forestry **December 2011**
Thesis: “Woody decomposition in Sitka Spruce forest in Ireland”

MSc University of Ibadan, Ibadan, Nigeria, Forest Biology and Silviculture **May 2007**
Dissertation: “Potentials of heartwood extractive of Teak (*Tectona grandis* Linn. F.) as a fungicide against wood decay”

BSc University of Ibadan, Ibadan, Nigeria, Forest Resources Management **April 2004**
Second Class Honours (Upper Division)

TEACHING EXPERIENCE

University of Ibadan, Ibadan, Nigeria **October 2023 – Till date**
Professor, Department of Forest Production and Products

University of Ibadan, Ibadan, Nigeria **October 2018 – September 2023**
Senior Lecturer, Department of Forest Production and Products

University of Ibadan, Ibadan, Nigeria **October 2015 – September 2018**
Lecturer I, Department of Forest Production and Products

University of Ibadan, Ibadan, Nigeria **March 2012- September 2015**
Lecturer II, Department of Resources Management

A. Courses taught (Undergraduate level)

- i. GES 105 (Agriculture, Renewable Natural Resources, Animal Husbandry and Health)
- ii. FPP 220 (Introduction to Biological Productivity and Ecosystem Processes)

- iii. FPP 312 (Natural Ecosystems)
- iv. FPP 315 (Forest Restoration and Rehabilitation)
- v. FRM 323 (Ethnobotany I)
- vi. FRM 512 (Forest Protection and Conservation)
- vii. FRM 520 (Special Projects)
- viii. FRM 521 (Tropical Tree Crop Production Practices)

B. Courses taught (Postgraduate level):

- i. FBS 725 (Quantitative Plant Ecology)
- ii. FBS 727 (Advanced Topics in Forest Protection)
- iii. FBS 728 (Agroforestry - Concepts, Systems and Practices)
- iv. FBS 723 (Advanced Forest Restoration and Rehabilitation)
- v. FPP 721 (Advanced Research Methodology in Renewable Natural Resources)
- vi. FPP 819 (Professional Development in Forest Biology and Silviculture)

C. Doctoral Students Supervised (Completed Thesis)

1. **Olusola Olubola Olasupo**, “Micro-fungi associated with *Allanblackia floribunda* Oliv. and their control with botanicals”, **October 2018**
2. **Israel Olatunji Asinwa**, “Floristic composition of the watershed and water quality of Ogun River in southwestern Nigeria”, **August 2018**
3. **Aishat Adeola Olaniyi**, “Phenology and Germplasm Variation of *Tetrapleura tetraptera* (Schum. and Thonn.) Taub.”, **January 2020**
4. **Opeyemi Christianah Jegede**, “Reproductive Phenology and Molecular Characterisation of *Moringa oleifera* Lam. Landraces in Rainforest Zone of Southwestern Nigeria”, **March 2021**
5. **Maiye Samuel Jeminiwa**, “Floristic Composition, Gap Dynamics and Forest Cover Changes in Akure and Ago-Owu Forest Reserves in Southwestern Nigeria”, **September 2021**
6. **Aduke Bilikis Oladejo**, “Silvicultural Techniques for Domestication of *Synsepalum dulcificum* (Schum. and Thonn.) Daniell”, **September 2021**
7. **Ayodeji Augustine Adaja**, “Habitat Distribution and Morphological Characterisation of *Beilschmiedia mannii* (Meisn.) Robyns and Wilczek”, **February, 2022**
8. **Victor Oluwasegun Akanbi**, “Silvicultural requirements for the propagation of *Schrebera arborea* A. Chev. in Southwestern Nigeria”. **June, 2024**
9. **Dami Adewale Aruwajoye**, “Reproductive Phenology and Germplasm Variation of *Gambeya albida* Don. in Southwestern Nigeria” **February, 2025**

D. Masters Students Supervised (Completed Projects)

1. **Olumide Olutayo Oyedare**, “Growth performance and egg production of *Coturnix japonica* (Temminck and Sclegel, 1849) fed diets supplemented with *Tithonia diversifolia* A. Gray leaves”, **August 2018**
2. **Zacchaeus Olufemi Adeleye**, “Perception of traditional agroforestry farmers on climate change mitigation in selected local government areas in Ogun state, Nigeria”, **April 2018**
3. **Rejoice Rereloluwa Oke**, “Effects of shade and drought stress on early growth of *Cedrela odorata* L. seedlings”, **August 2017**

4. **Temilola Oluwatosin Sijuola**, “Early growth performance of four leguminous tree species grown in degraded soil from a mining site”, **August 2017**
5. **Pelumi Priscilla Oluwatayo**, “Potential contribution of bamboo-based agroforestry to livelihoods of selected communities in area J4 of Omo Forest Reserve”, **January 2017**
6. **Adeyemi Olanrewaju Ayoade**, “Phytoremediation potential of *Hildegardia barteri* (Mast.) Kosterm”, **September 2016**
7. **Maria Temiloluwa Oloyede**, “Assessment of phytosanitary measures used for pest control during timber harvesting and post harvesting operations in Osun, Oyo and Lagos states”, **October 2015**
8. **Karachi Eyeribe Akwarandu**, “Plant species diversity and distribution in the watershed forest of Arinta waterfall, Ipole Iloro, Ekiti State”, **October 2015**
9. **Gbenga Sunday Filani**, “Impact of timber harvesting on residual tree species in Eda Forest Reserve, Ekiti State, Nigeria”, **September 2015**
10. **Valentine Ebere Chukwu**, “Carbon stock estimation in three age series of *Tectona grandis* Linn. F. plantation at Onigambari Forest Reserve”, **January 2015**
11. **Festus Olakunle Agboola**, “Biocontrol of *Phytolyma lata* (Scott) attack on *Milicia excelsa* (Welw.) C. C. Berg. using extracts from *Erythrophleum suaveolens* (Guill. & Perr.) Brenan”, **February 2015**
12. **Ayodeji Augustine Adaja**, “Vascular plant diversity, natural regeneration and tree biovolume in Akure–Ofosu Forest Reserve”, **December 2014**
13. **Abdul-Azeez Adeleke Rahman**, “Effects of nutrients from leaves of two leguminous trees on early growth of *Acacia mangium* Willd. seedlings”, **December 2014**
14. **Maiye Samuel Jeminiwa**, “Floristic structure, diversity and conservation status of Eda Forest Reserve, Ekiti state, Nigeria”, **December 2014**
15. **Victor Niyi Olorunnibe**, “Integrated pest management of *Phytolyma lata* (Scott) attack on *Milicia excelsa* (Welw.) C. C. Berg plantation”, **December 2014**
16. **Dami Adewale Aruwajoye**, “Phytoremediation potential of three hardwood species (*Tectona grandis* (Linn F.), *Khaya senegalensis* (Desr.) A. Juss., and *Terminalia superba* (Engl. et Diels)”, **March 2014**
17. **Adewale Opeyemi Agbo-Adediran**, “Influence of shade and drought stress on early growth of *Entandrophragma angolense* (Welw.) C. DC.”, **March 2014**
18. **Adebo Mercy Obahanusi**, “Litterfall and decomposition in young *Nauclea diderrichii* and *Terminalia superba* plantations in Nigeria”, **June 2016**
19. **Abumere Alvin Ekaun**, “Estimation of aboveground stem biomass and soil organic carbon, regeneration potential of *Parkia biglobosa* (Jacq.) Benth. plantations in Saki, Oyo state, Nigeria”, **January 2021**
20. **Farhan Jimba Moshood**, “Tree species composition, soil organic carbon and land use land cover changes in Osho Forest Reserve, Osun state, Nigeria”, **January 2023**
21. **Toochukwu Vivian Kenechukwu**, “Exploring the potentials of *Azadirachta indica* A. Juss. in the phytoremediation of dumpsite soil in Shasha, Ibadan”, **May 2024**
22. **Blessing Abosede Shaibu**, “Allelopathic effects of leaf extracts of *Leucaena leucocephala* (Lam.) de Wit and *Elaeis guineensis* Jacq. on the germination, growth and yield of maize”, **May 2024**
23. **Ibiwunmi Tolulope Akinyode**, “Germination and early growth performance of *Khaya senegalensis* (Desr.) A. Juss. under varying light intensity”, **November 2025**

University College Dublin, Dublin, Ireland **2008 – 2010**
 Tutorial Assistant and Demonstrator, School of Biology and Environmental Science
University of Ibadan, Ibadan, Nigeria **2006 - 2007**
 Teaching/Research Assistant, Department of Forest Resources Management

HONOURS AND AWARDS

Awards

- | | |
|---|-----------|
| 1. Special Programme for Development of Capacities | 2017 |
| 2. Science Assistance Program (SAP) | 2014 |
| 3. PhD scholarship from Irish Centre for Forest Research and Development | 2007-2011 |
| 4. Tropical Biology Association scholarship for postgraduate field course | 2006 |
| 5. The Laurie Prize | 2004 |
| 6. Professor L. C. Nwoboshi Prize in Silviculture | 2004 |
| 7. Mr. O. K. Sokunbi's Prize in Forestry | 2004 |
| 8. Professor Enabor's Prize in Forest Economics | 2004 |
| 9. Commonwealth Forestry Bureau Prize | 2004 |
| 10. The Undergraduate Federal Scholarship Award | 2003 |
| 11. Zard Scholar for Practical Year Training Programme | 2002 |

Fellowships

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| 1. Netherlands Fellowship Programme | 2013 |
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Grants

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|---|-------------|
| • EU COST Action FP0803 Short-term Scientific Mission Grant | 2010 |
| • Next Generation of Researchers of the Education for Sustainable Development Research Grant, United Nations University, Tokyo, Japan | 2016 |
| • Tertiary Education Trust Fund (TETFUND) Conference Support Grant | 2014 |
| • Pan-African Restoration Education (CIFOR/ICRAF) | 2022 – 2024 |

PUBLICATIONS

H-index: Google: 13; Research Gate: 12

Chapter in Books

1. Fadairo, O., **Olajuyigbe, S.**, Osayomi, T., Adedokun, O., Olaniyan, O., Olutegbe, S. and Adeleke, O. (2020). Climate Change, Rural Livelihoods and Ecosystem Nexus: Forest Communities in Agro-ecological zones of Nigeria. In: Filho, W. L., Ogugu, N., Adelake, L., Ayal, D. and da Silva, I. (eds.). African Handbook of Climate Change Adaptation. Springer Nature (Living Reference), Germany. Pp. 1-22. ISBN: 978-303-045-106-6.
2. **Olajuyigbe S. O.**, Fadairo O., Osayomi T. O. and Alabi-Adedokun O. (2020). Non-timber forest products: Linking rural livelihoods with urban lifestyles in sub-Saharan Africa. In: Kapfudzaruwa F., Kudo S., Matsuyama K. and Allasiw D. I. (eds). Rural-Urban Linkages and Sustainable Development: Case Studies from Africa. Spears Media Press, Denver Colorado. Pp. 119-132. ISBN 978-194-287-658-8.

3. **Olajuyigbe, S. O.** (2019). Tropical Forest a renewable natural resource. In: Olajuyigbe S. O. and Adeoluwa, O. O. (eds.): Agriculture, Renewable Natural Resources, Animal Husbandry and Health – a Textbook for GES 105. Ibadan: Ibadan University Press. ISBN 978-978-852-986-6.
4. **Olajuyigbe S.** (2020). Forest Ecosystem, Biodiversity and Food Security. In: Ogunsanwo, O. Y., Adewole, N. A., Oni, P. I. and Idumah, F. (eds.). Forestry Development in Nigeria: Fifty Years of Interventions and Advocacy. Exotic Dezines Ltd., Ibadan, Nigeria. P.p 199-217. ISBN 978-978-310-791-4.

Journal Publications

5. Koala, V., **Olajuyigbe, S. O.**, Ouedraogo, B., Kamei, K. C. and Kouman, K. D. (2026). Mapping land degradation in the Massili River Basin, Burkina Faso: a spatio-temporal analysis of contributing factors. *Catena*, 265:109873.
6. Koala, V., **Olajuyigbe, S. O.**, Ouedraogo, B., Kapakasa, F., Yameogo, A. and Kamei, K. C. (2026). Modeling land degradation sensitivity with the MEDALUS framework in the Massili River Basin, Burkina Faso: A 30-Year Case study. *Total Environment Advances*: 200142.
7. **Olajuyigbe, S. O.**, Agwu, O. P., Bolanle-Ojo, O. T., Ugbong, E. A., Azeez, U. A., and Babalola, K. D. (2025). Assessment of plant diversity and soil properties along Awba Dam Watershed Ecosystem, University of Ibadan, Ibadan, Nigeria. *Journal of Research in Forestry, Wildlife & Environment* 17 (2): 142-161.
8. Shaibu, B. A., Onefeli, A. O. and **Olajuyigbe, S. O.** (2024). Allelopathic effects of leaf extracts of *Leucaena leucocephala* (Lam.) de Wit and *Elaeis guineensis* Jacq. on the germination, growth and yield of *Zea mays* L. *Renewable* 4(1): 68-74.
9. Lawal, I., **Olajuyigbe, S.**, Akinwumi, I. and Olugbami, D. (2024). Assessment of plants used in polyherbal formulations for traditional treatment of skin infections in Ibadan Metropolis. *Journal of Herbal Medicine* 47: 100919. <https://doi.org/10.1016/j.hermed.2024.100919>
10. Olaniyi, A.A., **Olajuyigbe, S.O.** and Olaniyi, M.B. (2024). Morphological variations in *Tetrapleura tetraptera* Taub. (Fabaceae) fruits and seed traits from lowland rainforest zones of Nigeria: A keystone non timber forest tree species in the tropics. *Journal of Forest and Environmental Science* 40(2): 111–117. <https://doi.org/10.7747/JFES.2024.40.2.111>
11. Moshood, F. and **Olajuyigbe S.O.** (2024). Tree species composition and soil properties in a disturbed rainforest ecosystem, South-West Nigeria. *Forestist* DOI: 10.5152/forestist.2023.23008
12. **Olajuyigbe, S.O.**, Agwu, O.P. and Ezekiel, I.A. (2023). Comparative analysis of forest cover change in selected forest reserves in Oyo State Nigeria. *Ethiopian Journal of Environmental Studies and Management* 16 (3): 337-348.
13. Moshood, F.J. and **Olajuyigbe, S.O.** (2023). Causes of secondary forest loss in a lowland rainforest of Nigeria. *Parks* 29(2): 114-120.

14. Adaja, A.A. and **Olajuyigbe, S.O.** (2023). Exploring distinctive morphological traits in *Beilschmiedia mannii* Georeferenced by GPS: Implication for conservation. *Nova Geodesia* 3 (4): 143-143.
15. Olaniyi, A.A., **Olajuyigbe, S.O.** and Adegeye, A.A. (2023). Provenance variation in seedling growth of *Tetrapleura tetraptera* (Schum. and Thonn.) Taub. *Annals of Silvicultural Research* 48(1): 32–40.
16. Fadairo, O., **Olajuyigbe, S.**, Adelakun, O., and Osayomi, T. (2023). Drivers of vulnerability to climate change and adaptive responses of forest-edge farming households in major agro-ecological zones of Nigeria. *GeoJournal* 88: 2153–2170.
17. van Oosten, C., Kleine, M., Burns, J., Merten, K., Akinyele, A., **Olajuyigbe, S.**, Amoako, E.E., Makungwa, S., Nasasira, R. and Tumuluru, V (2022). Restoration Education Concept Note. <https://www.globallandscapesforum.org/wp-content/uploads/2022/10/RestorationEducationConceptNote-Final.pdf>
18. Adebawo, F., Ogunsanwo, O., and **Olajuyigbe, S.** (2022). Moisture sorption and quantitative assessment of acetylated African whitewood with infrared spectroscopic methods. *Journal of Research in Forestry, Wildlife and Environment* 14 (3): 27-34.
19. Asinwa, I. O. and **Olajuyigbe, S. O.** (2022). Natural regeneration potential of the soil seed bank of land use types in ecosystems of Ogun River Watershed. *Journal of Forest and Environmental Science* 38 (3): 141-51.
20. **Olajuyigbe, S.** and Adebo, M. (2022). Determination of leaf litter input, quality, and decomposition rates in young *Nauclea diderrichii* and *Terminalia superba* plantations in Nigeria. *Journal of Research in Forestry, Wildlife and Environment* 14 (2) :74-85.
21. **Olajuyigbe, S.** and Temilola, S. (2022). Performance of Leguminous Tree Species in Sand-mined Soil Under Nursery Conditions. *Indian Forester* 148 (3): 272-79.
22. Olaniyi, A. A., **Olajuyigbe, S. O.**, and Adegeye, A. O. (2022). Vegetative propagation of *Tetrapleura tetraptera* Taub. from stem cuttings. *Vegetos* 35: 978–984.
23. Akindele, E.O., Ekwemuka, M.C., Apeverga, P., Amusa, T.O., **Olajuyigbe, S.**, Coker, O. M., Olaleru, F., Fasona, M., Usen, E. N., Ringim, A. S., Adedaja, O. A., Nsude, C. C., Ota, A. C., Oluowo, F. E., Onatunji, A. B., Adedapo, A. M., Kolawole-Daniels, A. (2021). Assessing awareness on biodiversity conservation among Nigerians: the Aichi Biodiversity Target 1. *Biodiversity and Conservation*. <https://doi.org/10.1007/s10531-021-02175-x>.
24. Asinwa, I., **Olajuyigbe, S.**, Aderounmu, A., Iroko, O. and Kazeem-Ibrahim, F. (2021). Variation in soil physico-chemical properties in three land use types of Ogun River Watershed. *Tanzania Journal of Forestry And Nature Conservation* 90: 18-29.
25. **Olajuyigbe, S.O.**, Oyedare, O.O., Obebe, O.O. and Coker, O.M. (2020). Growth performance, blood profiles and egg production of *Coturnix japonica* (Temminck and Schlegel, 1849) fed diets supplemented with *Tithonia diversifolia* A. Gray leaves. *Animal Research International* 17 (2): 3766 – 3780.
26. **Olajuyigbe, S. O.**, Filani, S. F. and Adegeye, A. O. (2020). Impact of selective timber harvesting on residual tree species in a humid lowland rain forest of Southwest Nigeria. *Tanzania Journal of Forestry and Nature Conservation* 89: 29-40.
27. Olasupo, O.O., Adegeye, A.O. and **Olajuyigbe, S.O.** (2020). Evaluation of micro-fungi associated with leaf spot of *Allanblackia floribunda* Oliv. in Southern Nigeria. *African Journal of Microbiology Research* 14: 380-387.

28. Adebawo, G.F., Ogunsanwo, O.Y. and **Olajuyigbe, S.O.** (2020). Decay resistance of the acetylated tropical hardwood species. *Journal of Forest and Environmental Science* 36: 225-232.
29. Aderounmu, A.F. and **Olajuyigbe, S.O.** (2019). The effects of organic and inorganic fertilizers on the early growth and development of *Vitellaria paradoxa* C. F. Gaertn. *Applied Tropical Agriculture* 24: 132 - 140.
30. **Olajuyigbe, S. O.** and Akwarandu, K. E. (2019). Floristic composition and stand structure in a tropical watershed forest: implications for biodiversity conservation. *Environtropica* 15: 79-94.
31. **Olajuyigbe, S.O.**, Fayinminnu, O.O. and Ayoade, A.O. (2019). Phytoremediation of diesel and spent engine oil contaminated soil using Kariya (*Hildegardia barteri* Mast.) seedlings. *Nigerian Journal of Biotechnology* 36: 139 –149.
32. Asinwa, I.O. and **Olajuyigbe, S.O.** (2019). Water quality modification by landuse types in watershed ecosystems of Southwestern Nigeria. *EurAsian Journal of BioSciences* 13: 1343-1359.
33. **Olajuyigbe, S.** (2018). Green gold of Africa: Nigeria's forest, a depleted but resilient renewable resource. *Irish Forestry Journal* 75 (1&2): 92 - 112.
34. **Olajuyigbe, S.O.** and Jeminiwa, M.S. (2018). Tree species diversity and structure of Eda Forest Reserve, Ekiti State, Nigeria. *Asian Journal of Research in Agriculture and Forestry* 2 (1): 1 - 12.
35. **Olajuyigbe, S.O.**, Omole, K.O. and Bankole, P.O. (2018). Floristic composition and diversity in a restored community-based forest, Otun Ekiti, Ekiti State, Nigeria. *Applied Tropical Agriculture* 23 (1): 97 - 104.
36. Asinwa, I.O., **Olajuyigbe, S.O.** and Adegeye, A.O. (2018). Tree species diversity, composition and structure in Ogun river watershed, southwestern Nigeria. *Journal of Forestry Research and Management* 15(1): 114 -134.
37. **Olajuyigbe, S.O.** and Oluwatayo, P.P. (2017): Farmers' perception and potential contribution of bamboo-agroforestry to livelihoods in forest communities of southwest Nigeria. *Nigerian Journal of Forestry* 47(2): 36 – 43.
38. Chukwu V.E. and **Olajuyigbe, S. O.** (2017). Estimation of tree biomass in three age-series of *Tectona grandis* Linn. F in Gambari Forest Reserve, Nigeria. *Journal of Forest Science and Environment* 2 (1): 9 – 15.
39. **Olajuyigbe, S.O.** and Oloyede, M.T. (2017). Awareness on phytosanitary measures for pest control in timber processing and handling. *American Journal of Agriculture and Forestry* 5 (5): 150 -156.
40. **Olajuyigbe, S.** and Agbo-Adediran, A. (2015). Effect of shade and water stress on early growth and biomass accumulation of Tiama mahogany (*Entandrophragma angolense* (Welw.) C. DC.) seedlings. *Academic Journal of Science*, Vol. 4 No. 1: 27 - 36.
41. **Olajuyigbe, S. O.** and Akande, H. A. (2015). Effect of shade on growth of *Greenwayodendron suaveolens* (Engl. & Diels) Verdc. seedlings. *Nigerian Journal of Ecology* 14: 73 - 80.
42. Ajewole, O.I., **Olajuyigbe, S.O.** and Hassan, A.R. (2015). Potentials of cemeteries as urban tree conservation areas in Ibadan metropolis. *Nigerian Journal of Forestry* 45(1): 48 - 59.
43. **Olajuyigbe, S.O.** and Sijuola, T.O. (2015). Phytoextraction of heavy metals from diesel oil contaminated soil using *Terminalia ivorensis* A. Chev. seedlings. *Ibadan Journal of Agricultural Research* 11(2): 62 - 75.

44. **Olajuyigbe, S.**, Tobin, B., Nieuwenhuis, M. (2014). The role of brush in augmenting forest site carbon capital and maintaining site nutrition in a Sitka spruce forest in Ireland. *European Journal of Forest Research* 133: 563 – 572.
45. **Olajuyigbe, S.O.** and Adewole, O.A. (2014). Response of naturally regenerated seedlings of *Pterocarpus santalinoides* D. C. drought stress. *Forests and Forest Products Journal* 7: 64 - 70.
46. **Olajuyigbe, S. O.** and Aruwajoye, D. A. (2014). Phytoremediation of diesel oil contaminated soil using seedlings of two tropical hardwood species (*Khaya senegalensis* and *Terminalia superba*). *International Journal of Scientific and Engineering Research* 5(6): 1067 - 1078.
47. **Olajuyigbe S.O.**, Adegeye, A.O. and Olorunnibe V.N. (2014). Control of *Phytolyma lata* (Scott.) attack on *Milicia excelsa* (Welw.) C. C. Berg seedlings under plantation conditions. *Journal of Agriculture, Forestry and the Social Sciences* 12 (2): 78 - 87.
48. **Olajuyigbe, S.O.** and Adaja, A.A. (2014). Floristic composition, tree canopy structure and regeneration in a degraded tropical humid rainforest in Southwest Nigeria. *Tanzania Journal of Forestry and Nature Conservation* 84 (1): 5 -23.
49. **Olajuyigbe, S.O.** and Adegeye, A.O. (2013). Nursery pest management of *Phytolyma lata* Walker (Scott) attack on Iroko (*Milicia excelsa* Welw C. C. Berg) seedlings. *Journal of Research in Forestry, Wildlife and Environment* 6 (1): 17 - 27.
50. **Olajuyigbe S.O.**, Akinyele A.O., Jimoh S.O. and Adegeye A.O. (2013). Tree species diversity in the Department of Forest Resources Management, University of Ibadan, Nigeria. *African Journal for Sustainable Development* 3 (1): 124 -135.
51. Ajewole, O.I., **Olajuyigbe, O. S.** and Gbadamosi, S. (2013). Diversity and roles of amenity trees at Secretariats' Premises in Ibadan Metropolis. *Nigerian Journal of Forestry* 43 (2): 68 - 77.
52. **Olajuyigbe, S.O.**, Tobin, B., Saunders, M., Nieuwenhuis, M. (2012). Forest thinning and soil respiration in a Sitka spruce forest in Ireland. *Agricultural and Forest Meteorology* 157: 86 - 95.
53. **Olajuyigbe, S.**, Tobin, B., Hawkins, M. and Nieuwenhuis, M. (2012). The measurement of woody root decomposition using two methodologies in a Sitka spruce forest ecosystem. *Plant and Soil* 360 (1-2): 77-91.
54. **Olajuyigbe, S.**, Tobin, B. and Nieuwenhuis, M. (2012). Temperature and moisture effects on respiration rate of decomposing logs in a Sitka spruce plantation in Ireland. *Forestry* 85 (4): 485 - 496.
55. **Olajuyigbe, S. O.**, Jimoh, S. O., Adegeye, A. O., Mukhtar, R. B. (2012). Drought stress on early growth of *Diospyros mespiliformis* Hochst ex A. Rich in Jega, Northern Nigeria. *Nigerian Journal of Ecology* 12: 71-76.
56. **Olajuyigbe, S.O.**, Tobin, B., Gardiner, P. and Nieuwenhuis, M. (2011). Stocks and decay dynamics of above- and belowground coarse woody debris in managed Sitka spruce forests in Ireland. *Forest Ecology and Management* 262: 1109-1118.
57. **Olajuyigbe, S. O.**, Ogunsanwo, O.Y. and Adegeye, A.O. (2010). Compressive strength in heartwood extract of Teak (HWE) treated hardwoods after exposure to white rot attack. *International Journal of Biological and Chemical Sciences*. 4: 571 - 578.
58. Adegeye, A.O., Ogunsanwo, O.Y and **Olajuyigbe, S.O.** (2009). Antifungal activities of heart wood extract (HWE) of Teak (*Tectona grandis*) against two white rots in woods of *Gmelina arborea* and *Triplochiton scleroxylon*. *Academic Journal of Plant Sciences* 2 (4): 279-285.

59. Adegeye, A.O., Ekpo, E.N. and **Olajuyigbe, S.O.** (2006). Growth predictions and nutritive value of *Pleurotus tuber-regium* (Fries) Singer on different substrates. *Obeche Journal* 25 (1): 79-83.
60. Adegeye, A.O., Ekpo, E.N. and **Olajuyigbe, S.O.** (2005). Growth of *Pleurotus tuber-regium* (Fries) Singer on three substrates using hydrogen peroxide sterilization. *Ibadan Journal of Agricultural Research* 1 (2): 61-66.

Conference Papers

61. Kolapo, S. R., Anibaba, F. O., **Olajuyigbe, S. O.** and Akinyele, A. O. (2025). Influence of organic and inorganic fertilizers on the early growth and development of *Nauclea diderrichii* (De Wild.) Merr. In Akinyele, A. O.; Omitoyin, S. A.; Ige, P. O.; Coker, O. M.; Fasoro, O. A and Ajiboye, A. O (Eds). Renewable Natural Resources Management and Use: A path to sustainable development: Proceedings of the 1st Faculty of Renewable Natural Resources, University of Ibadan Conference, 16-20 June, 2025, 558 – 565pp. ISBN: 978-978-697-875-8.
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PROFESSIONAL AFFILIATIONS

Alumni, Tropical Biology Association (TBA)	2006 – Till date
Member, International Society for Tropical Foresters (ISTF)	2017 - Till date
Member, Forestry Association of Nigeria (FAN)	2007 – Till date
Member, Forest Stewardship Council (FSC)	2017 – Till date
Member, Nigeria Young Academy (NYA)	2014 – Till date
Member, African Forest Forum (AFF)	2015 – Till date
Member, Next Generation of Researchers (NGR)	2016 – Till date
Member, International Union for Forest Research Organizations (IUFRO)	2014 – Till date

REFERENCES

Professor Maarten Nieuwenhuis

Head of Forestry
 Agriculture and Food Science Centre
 University College Dublin, Ireland
 Phone: +353876992315
 Email: maarten.nieuwenhuis@ucd.ie

Professor Bamidele O. Omitoyin

Dean, Faculty of Renewable Natural Resources

Department of Aquaculture and Fisheries Management
University of Ibadan, Ibadan, Nigeria
Email: bo.omitoyin@mail.ui.edu.ng
Phone: +2348023250460

Professor Adejoke O. Akinyele
Dean, Faculty of Renewable Natural Resources
University of Ibadan, Ibadan, Nigeria
Email: akinyelejo@yahoo.co.uk, ao.akinyele@mail.ui.edu.ng
Phone: +2348025481700

A handwritten signature in black ink, appearing to read 'Samuel Olalekan Olajuyigbe', written over a horizontal dotted line.

Professor Samuel Olalekan Olajuyigbe