

CURRICULUM VITAE

- I(a) Name: Adebola Omodele, ADEGEYE (nee Akinrelere)
(b) Date of Birth: 2 December, 1948.
(c) Department: Forest Resources Management.
(d) Faculty: Agriculture and Forestry
- II. (a) First Academic Appointment: Lecturer 1, 14 January, 1982
(b) Present Post (with date): Reader October, 1999
- III. University Education (with dates)
i. University of Ife, Ile-Ife, Nigeria September 1968 – July 1971
ii. University of Leeds, Leeds, U.K. September 1973 – July 1975
iii. University of Ibadan, Ibadan, Nigeria September 1984 – Jan. 1990
- IV. Academic Qualifications (with dates and granting bodies)
i. B.Sc. (Hons) Agriculture, Ife (Second Class Honours)
(July 1971, University of Ife)
ii. M.Phil. (Plant Sciences) Leeds
(Sept., 1975, University of Leeds, U.K.)
iii. Ph.D. (Plant Pathology) Ibadan
(Jan., 1990, University of Ibadan, Nigeria)
- V. Professional Qualifications and Diplomas (with Date) Nil
- VI. Scholarships, Fellowships and Prizes (with date) in respect to undergraduate and postgraduate work only
i. Western Nigerian Cocoa Board Scholarship for undergraduate work. 1968 – 1971
ii. British Council Overseas Students' Fees Award for postgraduate work 1974 – 1975
iii. British Council Technical Training Award for postgraduate work 1987
- VII. Honours, Distinctions and Membership of Learned Societies
Member, Forestry Association of Nigeria (FAN)
Member, Association of Women in Forestry and Environment (AWIFE)
Member, Third World Organization for Women in Sciences (TWOWS)
Member, Nigeria Environmental Study/Action Team (NEST)

VIII. Details of Teaching Experience at University Level

- a) Lecturer 1, Department of Forest Resources Management, University of Ibadan.(14 January 1982 –30 September 1993).
- b) Senior Lecturer, Department of Forest Resources Management, University of Ibadan. (1 October 1993 – 30 September 1999).
- c) Reader, Department of Forest Resources Management, University of Ibadan. (1 October 1999 – 30 September 2011).

c) Courses Taught at the University of Ibadan.

i. Undergraduate Courses

FRM 312 – Natural Ecosystems	1982-1990
FRM 314 – Principles of Silviculture	1990-1992
CPEB 320 – Introduction to Forest Entomology and Pathology	1982-2011
FRM 512 – Forest Protection & Conservation	1990-2011
FRM 520 – Special Project	1982-2011

ii. Postgraduate Courses

FRM 727 – Advanced Topics in Forest Protection	1996-2011
FRM 719 – Special Study	1990-2011

c) Students’ Projects Supervision

	Completed	In Progress
B.Sc. Projects	25	2
M.Sc. Projects	14	3
Ph.D.	6	

d) Participation in University Administration

- i Departmental Time-Table Coordinator 1985-1993
- ii Departmental Examination Coordinator 1985-1993
- iii Assistant Warden, Idia Hall 1991–1993
- iv Ag. Warden, Idia Hall 1993–1995
- v Warden, Idia Hall 1995–1999
- vi Faculty Representative on the Faculty Board of Education 1993-2002
- vii Member, Senate 1998–1999; 2006-2008
- viii Dept. Rep. Faculty Curriculum Committee 2004-2008
- ix Member, Dept. Finance Committee 2002-2011
- x Ag. HOD, Dept. Forest Resources Mgt. 1 August 2006- 31July,2008

IX. Research

(a) Completed

- (1) Pathological studies on selected forest seeds and seedlings: Plant pathogens associated with seeds and seedlings of *Pinus caribaea*, *Parkia biglobosa*, *Tectona grandis* and *Acacia nilotica* were identified. The major pathogens which were *Fusarium* spp., *Aspergillus* spp. and *Penicillium* spp. led to reduction in seed germination and seedling vigour. Fungicides (Benlate and Captan) were effective as controls.
- (2) Seed germination and seedling development of selected tree species: Various silvicultural requirements for seed germination and seedling development were established for tree species such as: *Nauclea diderrichii*, *Mansonia altissima*, *Rhizophora racemosa*, *Buchholzia coriaceae* and *Vitellaria paradoxa*.
- (3) The effect of some environmental hazards on the growth of selected tree species: The effect of oil pollution on the ecosystem of some forest reserves in Delta State of Nigeria in 1993 showed that many plants were threatened and that soil fertility was lost. Also, effect of fire on Olokemeji Forest Reserve in 1992 grouped the plants as fire tolerant or susceptible species.
- (4) Gender in forestry development in Nigeria: The research was funded by the African Academy of Sciences from 1995 – 1999. The study showed that women and children are the major collectors, processors and sellers of forest products.

(b) In Progress:

- (1) Further studies on the diseases of selected forest seeds and seedlings: The chosen tree species are *Allanblackia floribunda* and *Moringa oleifera*.
- (2) Non Timber Forest Products (NTFPs)/ Mushroom Production: Various wood wastes will be tested for mushroom production.
- (3) Wood biodeterioration by fungi, effects & control of some wood rot organisms: Biocides as wood preservatives will be studied.
- (4) Silvicultural requirements for seed germination and seedling development of selected tree species: The selected trees are *Khaya* spp. and *Moringa oleifera*.

(c) **Dissertation and Thesis**

- (1) **Akinrelere Adebola** (1971). "Cowpea Anthracnose" B.Sc. Dissertation, University of Ife, 1971.pp. 31.
- (2) **Adegeye Adebola O.** (1975). A study of *Erwinia salicis* infections following artificial inoculations of *Salix alba* var *caerulea*. M.Phil.

Thesis, Department of Plant Sciences, University of Leeds, U.K.
pp. 249.

- (3) **Adegeye, Adebola O.** (1990). Pathological Aspects of Seed borne mycoflora of *Pinus caribaea* Morelet var. *hondurensis* Ph.D. Thesis, University of Ibadan, Ibadan, Nigeria. pp. 134.

X. **Publications**

(a) Books already published:

1. **Adegeye, Adebola O.,** Akinyemi A. F. and Ayodele, I.A. (2010). Essentials of Agroforestry. Bitmap Publishers Ltd., Ibadan. (ISBN 978-978-50838-0-4). 138pp **(Contribution - 60%)** (Nigeria).
2. Omoloye Adebayo A. and **Adegeye Adebola O.** (2006). Introduction to Forest Entomology and Pathology. Distance Learning Centre Series, Ibadan. Distance Learning Centre. 134pp. (ISBN 978-021-229-9) **(Contribution - 50%)** (Nigeria).

(b) Chapters in Books already published:

3. Preece, T.F., Wong, W.C. and **Adegeye, Adebola O.** (1979). Diagnosis of watermark in willows and some characteristics of *Erwinia salicis* (Day) Chester. In: Lovelock, D. W.(1979, ed.). Plant Pathogens. Society for Applied Bacteriology, Technical Series No. 12. London & New York Academic Press. Chap.1 pp 1-17. **(Contribution - 50%)** (Britain).

(c) Articles that have already appeared in Refereed Conference Proceedings:

4. **Adegeye, A .O,** Amakiri, M.A. and Usiagwu, I. O. (1985). Seed mycoflora of some indigenous tree species in Nigeria. In: Okojie, J. A. and Okoro, O. O.(1985, ed.). The changing character of the Nigerian Forest Resources and the Implications for Future development. Proceedings of 1985 Annual Conference of Forestry Association of Nigeria, Yola, Gongola, Nigeria. (25-29 November,1985): 216 – 224. **(Contribution - 70%)** (Nigeria)
5. **Adegeye, A.O.** (1990). Seed mycoflora of *Pinus caribaea* var. *hondurensis*. In: G.O.B. Dada and P.C. Obiaga (1990, ed.). Development and Management of Forest Resources of the Arid Zone of Nigeria. Proceedings of the 20th Annual conference of Forestry Association of Nigeria. Katsina, Katsina State, Nigeria.(25-29 November,1990): 192- 196. **(Contribution - 100%)** (Nigeria).

6. **Adegeye A.O.**, Ayodele, I.A. and Ufifio, L.A. (1993). Effect of oil exploitation on the forest and wildlife resources in Delta State of Nigeria. In: E.A. Oduwaiye (1993, ed.). Forestry for Urban and Rural Development in Nigeria. Proceedings of the 23rd Annual Conference of the Forestry Association of Nigeria, Ikeja, Lagos State, Nigeria.(29 November-3rd December,1993): 44-52. **(Contribution - 70%)** (Nigeria).
7. **Adegeye, A.O.** and Ayodele, I.A. (1996). The role of women in Forestry Development in Nigeria. In: Labode Popoola (1996, ed.). Role of Women in Forestry and Environmental Development in Nigeria. Proceedings of Annual Workshop of Forestry Vocational Training Centre, Dorayi, Kano, Nigeria(5 - 7 March, 1996): 20 -28. **(Contribution - 80%)** (Nigeria).
8. Aderounmu A. F. and **Adegeye A. O.** (2002). Influence of air drying periods and watering regimes on seed germination, growth and development of *Solenostemon monostachyus* (P. Beauv) Brig. In: Umeh, V. C. & Fagbayide, J. A. (2002, ed.). Proceedings of the Annual Conference of Horticultural Society of Nigeria (HORTSON),Ibadan, Nigeria. (14 - 17 May, 2002): 141 - 144. (Contribution - 50%) (Nigeria).
9. **Adegeye, A.O.** and I.O. Azeez (2006). Challenges of funding forestry education and research for sustainable forestry development in Nigeria. In: L. Popoola (2006, ed.). Forestry at Cross-roads in Nigeria. Proceedings of the 31st Annual conference of Forestry Association of Nigeria, Makurdi, Benue State, Nigeria.(20-25 November,2006): 558 - 574. **(Contribution - 60%)** (Nigeria).
10. Ogunsanwo, O.Y, **Adegeye A.O.** and S.O Olajuyigbe. (2008). Effects of Heartwood Extract (HWE) of teak and cuprinol clear on weight loss and compressive strength of two hardwood species from Nigeria. In: Fernando C. Jorge (2008, ed.). Proceedings of 3rd International Conference on Environmentally Compatible Forest Products (ECOWOOD 2008), Universidade Fernando Pessoa, Porto, Portugal, (10 - 12 September, 2008): 149-156. (Contribution - 30%) (Portugal).
<http://ecowood.ufp.pt/Ecowood2008/Proc%20ECOWOOD%202008%20-%20contents.pdf>

(d) Patents: Nil.

(e) Articles that have already appeared in learned journals:

11. **Adegeye, A.O.** and Preece, T.F. (1978). *Erwinia salicis* in cricket-bat willows: Rate of movement of the bacterium and the production of

- symptoms in young trees and shoots. Journal of Applied Bacteriology, 44: 265-277. **(Contribution - 80%)** (Britain).
12. **Adegeye, A.O.** and Sokunbi, O.K. (1983), Aspect of effect of *Lentinus lepideus* on Plywood. Nigerian Journal of Forestry, 13:67-72. **(Contribution - 80%)** (Nigeria).
 13. **Adegeye, A.O.** and Ayodele, I.A. (1992). The Effect of fire on the soil nutrient, soil micro-organisms and seed micro- organisms in Olokemeji Forest Reserve, Nigeria. Nigerian Journal of Forestry, 22, (1) :11-14. **(Contribution - 80%)** (Nigeria).
 14. **Adegeye, A.O.** and Ayodele, I.A.(1992). The effect of different burning treatments on the tree population and girth distribution in Olokemeji Forest Reserve, Nigeria. Nigerian Journal of Forestry, 22, (2):79-83. **(Contribution - 80%)** (Nigeria).
 15. Ayodele, I.A. and **Adegeye, A.O.** (1993). Wild Animal Damage to Crops and Forest in Nigeria: Problems and Potential Strategies. Nigerian Journal of Forestry, 23. (1): 7-11. **(Contribution - 50%)** (Nigeria).
 16. Somade, A.F., **Adegeye, A.O.**, Oduwaiye, E.A. and Obiaga, P.C. (1998): Pre-treatment effects on seed germination of *Nauclea diderrichii*.(De Wild and Th. Dur.)Merril Nigerian Journal of Forestry,28, (2): 79-81. **(Contribution - 40%)** (Nigeria).
 17. **Adegeye, Adebola O.** and Maisharou, A. (1999). Seed Mycoflora of *Parkia biglobosa* (Jacq) Benth. Nigerian Journal of Forestry, 29(1 & 2): 51-54. **(Contribution - 80%)** (Nigeria).
 18. Somade, Aderonke F. and **Adegeye, A.O.** (1999). Effect of period of harvest on biochemical composition and germination of seeds of *Mansonia altissima* A. Chev. Journal of Tropical Forest Resources, 15(1): 119-129. **(Contribution - 50%)** (Nigeria).
 19. Somade, A.F. and **Adegeye, A.O.** (1999). Effect of storage on seedling growth and biomass accumulation of *Mansonia altissima* A. Chev. Nigeria Journal of Tree Crop Research, 3(2):26-46.**(Contribution - 50%)** (Nigeria).
 20. **Adegeye, Adebola O.** and Somade, Aderonke F. (1999). Effect of storage on germination and biochemical composition of *Mansonia altissima* A Chev. seeds. Nigeria Journal of Tree Crop Research, 3(2):47-63. **(Contribution - 70%)** (Nigeria).

21. Adetogun, A.C. and **Adegeye, A.O.** (2002). Aqueous leaching of cashewnut shell liquid (CNSL) treated wood of *Triplochiton scleroxylon* K. Schum. exposed to basidiomycetous decay fungi. Journal of Tropical Forest Resources, 18:69-74. **(Contribution - 50%)** (Nigeria).
22. Adetogun, A.C. and **Adegeye, A.O.** (2003). Anti-fungal activity of neem oil against seed-borne mycoflora of *Tectona grandis* (Linn). Journal of Tropical Forest Resources, 19 (2): 117-125. **(Contribution - 50%)** (Nigeria).
23. Adetogun, A.C. and **Adegeye, A.O.** (2003). *In vitro* evaluation of Cashew Nut Shell Liquid (CNSL) as a fungicide against wood rotting basidiomycetes. Moor Journal of Agric. Research, 4 (1): 131-134. **(Contribution - 50%)** (Nigeria).
24. **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 Agric. Research, 1 (2): 61-65. **(Contribution - 60%)** (Nigeria).
25. Koyejo, O.A, **Adegeye, A.O**, Akoun, J. and Omokhua, G.(2005). Flowering of *Rhizophora racemosa* (G.F.W. Meyer), a tropical mangrove forest specie. Journal of Forestry Research and Management, 2:34-41. **(Contribution - 40%)** (Nigeria).
26. **Adegeye, Adebola O.**, Ekpo, Elizabeth 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. **(Contribution - 60%)** (Nigeria).
27. Ajewole, O.I., **Adegeye , A.O.** and Bello, F.A. (2006). Potential of *Senecio bialfrae* (Sierra Leone Bologni) to contribute to improved livelihood in Ekiti State. Nigerian Journal of Forestry, 37 (1-2): 76-81. **(Contribution - 40%)** (Nigeria).
28. Adetogun, A.C., **Adegeye, A.O.** and Omole, A.O. (2007). Fungicidal activity of cashewnut shell liquid (CNSL) against *Trametes cingulata* and *Lentinus lepideus* using cuprinol- clear as a standard. Obeche Journal 25(2): 71-74. **(Contribution - 40%)** (Nigeria).
29. Jonathan, S.G., Fasidi, I.O., Ajayi, A.O.and **Adegeye,O.**(2008). Biodegradation of Nigerian wood waste by *Pleurotus tuber-regium* (Fries) Singer. Bioresource Technol. 99:807-811. **(Contribution - 30%)** (U.K.).

30. **Adegeye, Adebola O.** (2008). Mycological investigations of pathogens associated with seeds of *Acacia nilotica* (L) Del imported from Niger Republic. Journal of Tropical Forest Resources, 24 (1): 29-34. **(Contribution - 100%)** (Nigeria).
31. Obajemu, O. and **Adegeye, Adebola O.** (2008). Specific gravity of plantation grown teak (*Tectona grandis* Linn F.) infested by mistletoe (*Globimetula braunii* Engl. Van Tiegh) in south-west Nigeria. Journal of Tropical Forest Resources, 24 (1): 71-76. **(Contribution - 50%)** (Nigeria).
32. Adetogun, A.C., **Adegeye, A.O.** and Omole, A.O. (2009). Evaluation of Cashewnut Shell Liquid (CNSL) as a wood preservative using weight loss. Agricultural Journal ,4 (1): 32-35. **(Contribution - 30%)** (Pakistan).
33. **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.**(Contribution-40%)** (Pakistan).<http://www.idosi.org/ajps/2%284%2909/10.pdf>
34. Aderounmu, A. F. and **Adegeye, A. O.** (2009). Effect of seed size on germination and early seedling development of *Vitellaria paradoxa* (C.F.Gaertn) Hepper. Journal of Tropical Forest Resources, 25(1):1-7. **(Contribution - 50%)** (Nigeria).
35. **Adegeye, A.O.**, Ogunsanwo, O.Y. and Obajemu, O., (2009). Variation in fibre dimensions of mistletoe infested *Tectona grandis* L.F. stands in Owo, south-west Nigeria. Journal of Tropical Forest Resources, 25 (1): 37-41. **(Contribution - 40%)** (Nigeria).
36. Olajuyigbe, S.O., Ogunsanwo, O.Y. and **Adegeye A.O.** (2010). Compressive strength in Heart Wood Extract of Teak (HWE) treated hardwoods after exposure to white rot attack. International Journal of Biol. & Chem. Sci.,4(3):571-578. **(Contribution - 30%)** (Cameroon).
37. **Adegeye, Adebola O.** (2010). Women and forestry Activities: Experience from Nigeria. Obeche Journal,28 (2): 124-128. **(Contribution - 100%)** (Nigeria).
38. Adetogun, A.C., Omole, O.A. **Adegeye A.O.** and Ogunjobi, K.M. (2010). Evaluation of wood preservative potential of leaf extract of *Cymbopogon*

- citratus* (Stapf). Obeche Journal, 28 (2): 147-150. **(Contribution - 30%)** (Nigeria).
39. **Adegeye, A.O.**, Jimoh, S.O. and Agera, S.I.N. (2010). Agricultural productivity under Taungya and non – Taungya Land – use Options: A case study of Vandeikya Local Government, Benue State, Nigeria. J. Agric Res. & Dev., 9 (2): 155 – 163. **(Contribution - 40%)** (Nigeria). <http://www.ajol.info/index.php/jard/index>
40. Akinyele, A.O. and **Adegeye, A.O.** (2010). Morphological traits of *Buchholzia coriacea*, a medicinal plant from seven provenances in Nigeria. Nigeria Journal of Ecology, 11:29-32. **(Contribution - 50%)** (Nigeria).
41. **Adegeye, A.O** (2010). Fungicidal control of two pathogenic fungi of *Parkia biglobosa* (Jacq) Benth. Journal of Agriculture, Forestry and the Social Sciences (JOAFSS), 8(2): 308-313. **(Contribution - 100%)** (Nigeria).
42. Okere, A. U. and **Adegeye, A.** (2011). In vitro propagation of an endangered medicinal timber species, *Khaya grandifoliola* C.Dc. African Journal of Biotechnology, 10 (17): 3335 – 3339 <http://www.academicjournals.org/AJB> ISSN 1684 - 5351 @2011 Academic Journals. **(Contribution - 50%)** (U.S.A).
43. Akinyele, A.O. and **Adegeye, A.O.**(2011). Investigation of variability in seed size on seedling establishment of *Buchholzia coriacea* Engler. Journal of Agricultural Science and Technology B 1:566-572. **(Contribution - 50%)** (U.S.A).

(f) Books, Chapters in Books and Articles already accepted for Publication.

44. Aderounmu, A. Funmi and **Adegeye, Adebola O.** (2011) Effect of watering regimes on germination and early seedling development of *Vitellaria paradoxa* (C.F.Gaertn) Hepper. Journal of Forestry Research and Management. **(Contribution - 50%)** (Nigeria).

(g) Technical Reports and Monographs.

45. **Adegeye, Adebola O.** (1997) Women in Forestry in Nigeria, Annual Research Report. Capacity Building in Forestry Research, A Project Report for the African Academy of Sciences (AAS), Nairobi, Kenya. 62pp. **(Contribution - 100%)** (Nigeria).

46. **Adegeye, Adebola O.** (1998). The Roles of Women in Forestry Development in Nigeria, Executive Final Report, Capacity Building in Forestry Research. The African Academy of Sciences.(AAS), Nairobi, Kenya. 20pp. **(Contribution - 100%)** (Nigeria).

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

- i. **Adegeye, A.O.** and Azeez I.O. (2006). Challenges of funding forestry education and research for sustainable forestry development in Nigeria. In Popoola L.2006 (ed.) Forestry at Cross-roads in Nigeria. Proceedings of the 31st Annual Conference of Forestry Association of Nigeria, Makurdi, Benue State, Nigeria,(20-25 November,2006):558-574.
- ii. Ogunsanwo, O.Y, **Adegeye A.O.** and S.O Olajuyigbe. (2008). Effects of Heartwood Extract (HWE) of teak and cuprinol clear on weight loss and compressive strength of two hardwood species from Nigeria. In: Fernando C. Jorge (2008, ed.). Proceedings of 3rd International Conference on Environmentally Compatible Forest Products (ECOWOOD 2008), Universidade Fernando Pessoa, Porto, Portugal, (10 - 12 September, 2008): 149-156.

XII . Research Focus and Summary of Published Work: Dr. Adebola O.Adegeye

The totality of my research focused on Forest Ecology/Pathology//Silviculture: the interactions between the Pathogens/Environment/Hosts. The various findings can be summarized under the following headings (numbered i-v).

i. Forest Pathology

Relevant papers: Nos. 2,3,4,5,11,17,22,30,31,35 & 41.

Contribution to knowledge:

These studies examined the various pathogens on seeds and seedlings of selected tree species and also discussed their effects and some management options.

ii. Forest Protection & Silviculture

Relevant papers: Nos.6,13-16,18-20,25,34,39,40 & 42-44.

Contribution to knowledge:

These examined some abiotic stress factors and some silvicultural requirements for the growth of some tree seeds and seedlings.

iii. Wood Protection

Relevant Papers: Nos. 10,12,21,23,28,29,32,33,36 & 38

Contribution to knowledge:

With the increase in prices of fungicides and their toxic effects on the environment, some plant based pesticides were confirmed to be suitable alternatives, cheap and environmentally friendly preservatives: Teak wood extract, (TWE), cashewnut shell liquid (CNSL), extracts of leaves of *Azadirachta indica* and *Cymbopogon citratus*.

iv. Gender Issues in Forestry

Relevant Papers: Nos. 7, 37, 45 & 46.

Contribution to Knowledge:

The studies confirmed that rural women conserve many forest species especially, through planting or deliberate protection of the desirable species and that women must be encouraged/empowered.

v. Agro Forestry Practices/ Non-Timber Forest Products/Mushroom Production

Relevant Paper: Nos. 1,24,26, 27 & 29.

Contribution to knowledge:

These studies summarized the basic principles and practices of Agro forestry. Publication 1 is a good textbook for introducing Agro-forestry to the GES programme of the university and to the students reading Agronomy, Agriculture, Forestry, Fisheries and Wildlife Management in the University.

DR. Adebola O. ADEGEYE
3rd April, 2012.