

# CURRICULUM VITAE

## Professor O. S. OLUBODE

Watson International Scholar of the Environment  
(Plant Ecologist/Environmental Biologist)  
Department of Crop Protection and Environmental Biology,  
Faculty of Agriculture,  
University of Ibadan, Ibadan. Oyo State, Nigeria.  
Cell no: (+234)8053510553

**Citation Vitals:** h-index= 9, I 10 index=9, Citations=384  
<https://orchid.org/0000-0003-2477-8629>

Research Gate: <https://www.researchgate.net/profile/Oluseun-Olubode-2>  
Google Scholar: <https://scholar.google.com/citations?user=qwQCXXAAAAAJ>  
E-mail: bodethanks@yahoo.com; os.olubode@mail.ui.edu.ng



- I.
  - (a) Name: Oluseun Sunday Olubode
  - (b) Date of Birth: 13 May, 1973
  - (c) Department: Crop Protection and Environmental Biology
  - (d) Faculty: Agriculture
- II. (a) Present Post (with dates): Professor of Plant Ecology, 01 October, 2023
- III. University Education (with dates):
  - (a) University of Ibadan 1994 – 2000
  - (b) University of Ibadan 2001 – 2003
  - (c) University of Ibadan 2003 – 2007
- IV. Academic Qualification (with dates and granting bodies)
  - (a) B.Sc. (Hons.) Agriculture in Crop Protection and Environmental Biology 2000 University of Ibadan
  - (b) M.Sc. Environmental Biology 2003 University of Ibadan
  - (c) Ph.D. Plant Ecology 2007 University of Ibadan
- V. Professional Qualifications and Diploma (with dates)

WATSON International Scholar of the Environment, Brown University, USA 2009
- VI. Scholarships, Fellowships and Prizes (with dates) in respect of Undergraduate and Postgraduate work only)
  - (a) Zard Scholarship Award for best outstanding M.Sc. Student in the Department of Crop Protection and Environmental Biology, University of Ibadan 2003-2003
  - (b) University of Ibadan Postgraduate Scholarship Award for Ph.D. Study 2004-2007
- VII. Honours, Distinctions and Memberships of Learned Societies
  - a. MERIT: 1st in Amaranthus Production (Practical Year Training Programme), Faculty of Agriculture and Forestry, University of Ibadan 1998-1999
  - b. MERIT: 1st in Cowpea Production (Practical Year Training Programme), Faculty of Agriculture and Forestry, University of Ibadan 1998-1999

- |  |                  |
|--|------------------|
| c. MERIT: 3rd in Overall Production (Practical Year Training Programme), Faculty of Agriculture and Forestry, University of Ibadan | 1998-1999        |
| d. State Commendation: National Youth Service Corps (NYSC), Nasarawa State   | 2001             |
| e. Special Award: Environmental Health Scientists Association of Nigeria   | 2020             |
| f. Special Award: Environmental Health Scientists Association of Nigeria   | 2023             |
| g. Special Appreciation Award: Student Legislative Council<br>Faculty of Agriculture   | 2023             |
| h. Member, International Association for Ecology (INTECOL) -   | 2004 – Till Date |
| i. Member, Society for Conservation Biology -  | 2013 – Till Date |
| j. Member, Biopesticides Society of Nigeria  | 2014 – Till Date |
| k. Member, Nigerian Society for Plant Protection   | 2016 – Till Date |
| l. Member, Royal Society for Environmental Chemists  | 2020 – Till Date |
| m. Member, Ecological Society of Nigeria   | 2003 – Till Date |

#### VIII. Details of Teaching/Work Experience

- (a) Caleb University, Lagos  
Lecturer II:

2008-2011

- (b) University of Ibadan, Ibadan

Teaching:

- |                     |                  |
|---------------------|------------------|
| n. Lecturer II      | 2011 – 2014      |
| ii. Lecturer I      | 2014 – 2017      |
| iii Senior Lecturer | 2017 – 2020      |
| iv Reader           | 2020 – Till date |

Courses Taught:

- Undergraduate: \*CPE 110 (Introduction to Crop Improvement)  
\*CPE 210 (Introduction to Crop and Forest Botany);  
\*CPE 315 (Applied Ecology);  
CPE 319 (Biological Productivity);  
\*CPE 316 (Biological Techniques)  
\*CPE 322 (Introduction to Quantitative Biology);  
\*CPE 513 (Quantitative Population Ecology);  
\*CPE 520 (Special Topic in Crop Improvement)
- Postgraduate: \*CPE 701 (Quantitative Biology)  
\*CPE 702 (Methodology and Instrumentation)  
CPE 709 (Biodiversity conservation and Management)  
CPE 732 (Numerical Ecology)

Distance Learning Centre:

- \*CPE 210 (Introduction to Crop and Forest Botany)  
\* - Jointly taught

Students Supervision:

2014 – Till date

- B.Sc.: 18 (completed); 2 (In progress)  
M.Sc.: 20 (Completed); 3 (In progress)  
M.Phil.: 1 (Completed)  
Ph.D.: 4 (Completed); 1 (In progress)

## Community Services and Administrative Responsibilities

### (c) Departmental Responsibilities:

- |       |   |                  |
|-------|---|------------------|
| i.    | Member, Departmental Undergraduate Programme Committee  | 2012 – Till Date |
| ii.   | Member, Departmental Technical/Maintenance Committee  | 2016 – Till Date |
| iii.  | Member, Departmental Editorial Committee  | 2017 – 2022      |
| iv.   | Member, Community Relations/Outreach Representative (Ile Ogbo)  | 2017 – 2022      |
| v.    | Member, Community Relations/Outreach Representative (Igbo Ora)  | 2012 – 2013      |
| vi.   | Departmental Coordinator, Crop and Tree Garden  | 2011 – 2013      |
| vii.  | Departmental Deputy Coordinator (Distance Learning Programme),<br>Faculty of Agriculture and Forestry | 2013 – 2016      |
| Viii  | Member, Departmental Field experimentation/crop garden<br>Management                                  | 2019 – Till Date |
| ix.   | Member, Departmental ICT Management   | 2019 – 2022      |
| x.    | Chairman, Departmental ICT/Media Committee  | 2022 – Date      |
| xi.   | Chairman, Town-Gown Committee   | 2022 – Date      |
| xii.  | Chairman, CPEB at 60 Week Committee   | 2023             |
| xiii. | Course Coordinator for CPE 110  | 2021 – Till Date |
| xiv.  | Course Coordinator for CPE 315  | 2021 – Till Date |
| xv.   | Course Coordinator for CPE 513  | 2021 - Date      |

### (d) Faculty responsibilities:

- |       |  |                  |
|-------|--|------------------|
| i.    | Faculty Deputy Coordinator (Distance Learning Programme),<br>Faculty of Agriculture and Forestry | 2013 – 2016      |
| ii.   | Member, Committee on Training, Seminars and Workshops  | 2013 – 2019      |
| iii.  | Member, Faculty Fund Raising Committee   | 2013 – 2019      |
| iv.   | Member, Senate Admission Committee   | 2016 – 2019      |
| v.    | Member, Board of Examiners, Centre for General Studies   | 2016 – 2019      |
| vi.   | Member, Board of Studies, Centre for General Studies   | 2016 – 2019      |
| vii.  | Member, Board of Examiners, Distance Learning Programme  | 2016 – Till Date |
| viii. | Member, Practical Year Training Programme Committee  | 2016 – 2019      |
| ix.   | Sub Dean (Agriculture), Faculty of Agriculture and Forestry                                      | 2016 – 2017      |
| x.    | Sub Dean (Undergraduate), Faculty of Agriculture and Forestry                                    | 2017 – 2019      |
| xi.   | Faculty representative on Board of Faculty of Pharmacy   | 2019 – Till Date |
| xii.  | Coordinator, Faculty Media/ICT Team  | 2021 – Till Date |
| xiii. | Member, 2023 Faculty Week  | 2023             |

### (e) University Responsibilities

- |      |   |                  |
|------|---|------------------|
| i.   | Member, Congregation representative on Senate           | 2018 – Till Date |
| ii.  | Internal/External Examiner                              | 2018 – Till Date |
| iii. | Reviewer, Animal Care and Use Research Ethics Committee | 2021             |

### (f) Community Services

- i. Resource person, Development of Syllabus for OFFER  
Centre Institute of Agriculture, Olupona, Osun State, Nigeria 2016
- ii. Member, Local Organizing Committee, Food Security Network  
Conference (Co-creating Sustainable Agriculture) 2017
- iii. Sensitization and mentoring of students of Ipapo Community  
Secondary School, Ipapo, Oyo State on Preparations for WAEC,  
NECO and UTME and sustaining academic excellence 2014
- iv. Sensitization and mentoring of students of Ipapo Community  
Secondary School and Muslim Community Secondary School,  
Ipapo, Oyo State on Preparations for WAEC, NECO and UTME  
and sustaining academic excellence 2017
- v. Resource Person, Overview of Environmental Impact Assessment,  
A workshop to Stakeholders in Ministries of Environment, and  
Water and Natural Resources, held at Ibadan Business School 2017
- vi. Sensitization of target staff of Old Oyo National Park on Park  
degradation threats posed by invasion of nomadic cattle herds into  
the Park 2017
- vii. Conservation education and intervention for protection of  
endangered endemic Sclater's monkey in southern Nigeria 2004 – Till Date
- viii. Assisting with management of Nigeria Journal of Ecology 2004 – Till Date
- ix. Review of Articles for Ibadan Journal of Agricultural Research 2014 – Till Date
- x. Review of Articles for Nigerian Journal of Ecology 2007 – Till Date
- xi. Member Production Team, Nigerian Journal of Ecology 2007 – Till Date
- xii. Review of Articles for Science Domain International 2017
- xiii. Member, Police-community policing relations, Lagelu Local  
local government 2013 – Till Date
- xiv. Secretary, Local Organising Committee, Weed Science Society of  
Nigeria (WSSN) 2019
- xv. Discussant, 2021 World Environment Day, Department of Health  
Faculty of Public Sciences, University of Ibadan, Nigeria 2020
- xvi. Discussant, 2021 World Environment Day, Department of Health  
Faculty of Public Sciences, University of Ibadan, Nigeria 2021
- xvii. Guest Speaker, on Relationship between plastic pollution and  
Climate change during a Professional Development Course in Civic  
Ecology Laboratory, Department of Natural Resources and  
Environment, Cornell University, New York, USA 2021
- xviii. Sponsor, Enabler Diaspora Grassroots Support Outreach  
International 2021
- xix. Reviewer, Nigerian Journal of Ecology 2012 - Date
- xx. Reviewer, Asian Journal of Environment and Ecology 2017
- xxi. Reviewer, Ibadan Journal of Agricultural Research 2017 – Till Date
- xxii. Reviewer, Journal of Soil Science and Agroclimatology 2023
- xxiii. Reviewer, Asian Journal of Environment and Ecology 2023
- xxiv. Reviewer, Journal of Environmental and  
Reviewer, Agriculture International 2020 – Date
- xxv. Guest on Podcast organized by Faculty of Agricultural Sciences,  
Georg-August-Universitat, Gottingen, Germany on Agricultural  
Development using my paper published on Floristic response of

herbaceous flora to intensive cropping systems: A case of Ajibode-Sasa arable agroecosystems, Ibadan, Southwest Nigeria	2022
xxvi. Secretary, Local Organising Committee, Ecological Society of Nigeria, Ibadan 2022 Conference	2022
xxvii. Editor-in-Chief, Nigerian Journal of Ecology	2022 – Date
xxviii. Member, Production Team, Nigerian Journal of Ecology	
xxix. Member, National Executive Council, Ecological Society of Nigeria	2022 – Till Date
xxx. Collaborator, Cambridge Africa ALBORADA Research Programme on Ecological Control of Fall armyworm in Nigeria	2021 – 2022
xxvi. Collaborator, Ekhaga Research Programme on enhancing management of Fall Armyworm under different tillage and cropping systems in Nigeria	2022 - Date

## SELECTED WORKSHOPS ATTENDED

## DATE

- Bayesian Modelling for Practising Ecologists, Fort Collins, Colorado, USA    June, 2014  
**Role: Participant**  
**Organizer:** United States National Science Foundation and Colorado State University,  
Fort Collins CO, USA
- Use of Excel for Data Processing and Analyses, University of Ibadan, Nigeria    2017  
**Role: Participant**  
**Organizer:** Digital Bridge Institute, Abuja and University of Ibadan, Ibadan
- Training Courses on R  
**Role:**    Participant  
**Award:** Best in Final Appraisal  
**Organizer:** Feed the Future (Nigeria Agriculture Project Policy with UNESCO)
- Climate Corps Summer School, Korea University, Seoul, Republic of Korea,    6 – 13 July, 2025.  
**Role:**    Faculty Participant/Mentor  
**Paper:**    Climate dynamics, Species Conservation, Invasive Species Ecology and  
Carbon-bioenergy Synergies in Nigeria's Agricultural and Plantation  
Landscapes
- **Organizer:**    Korea University, Seoul, Republic of Korea

## SELECTED PUBLICATIONS

1. **Olubode, O. S.** (2007). Effects of *Acalypha segetalis* Mull Arg. on the Growth and Yield of *Vigna unguiculata* (L.) Walp. B.Sc. Project, Department of Crop Protection and Environmental biology, University of Ibadan. 49 pp.
2. **Olubode, O. S.** (2007). Comparative Study of Species Diversity of Wetlands of Apete River, Eleyele Lake, and Oba Dam in Ibadan, Nigeria. M.Sc. Project, Department of Crop Protection and Environmental biology, University of Ibadan. 67 pp.
3. **Olubode, O. S.** (2007). Floral diversity assessment and forage quality improvement of selected wetlands communities in Old Oyo National Park, southern guinea savanna, Nigeria, Ph.D. Thesis, Department of Crop Protection and Environmental biology, University of Ibadan. 178 pp.

## IX Publications

(a) Articles that have already appeared in refereed proceedings:

- 1) Ogunyemi, Sola, R. O. Awodoyin, O. O. Osunkoya, **O. S. Olubode**, and O. F. Wewe (2001). Response of *Vigna unguiculata* (L.) Walp. and *Amaranthus cruentus* (L.) Thell to interference from *Acalypha segetalis* Mull Arg. on marginal lands in Southwestern Nigeria. In Tenywa, J.S. (Eds.). Agricultural policy, sustainable crop production and poverty alleviation in Africa: Proceedings of the 5<sup>th</sup> Biennial African Crop Science Society Conference. 203-208pp. 22-26 October, 2001. Lagos State, Nigeria (Uganda)
- 2) **Olubode, O. S.** and Awodoyin, R. O. (2012). Shrub diversity and girth sizes at Old Oyo National Park, Southwestern Nigeria: Effect of annual burning on *Piliostigma thonningii* (Schum.) Milne-Redhead. In Omole, A.O., Adelasoye, P.O. and Lameed, G.A. (Eds.). De-reservation, Encroachment and Deforestation: Implications for the Future of Nigerian Forest Estate and Carbon Emission Reduction. Proceedings of the 3<sup>rd</sup> Biennial National Conference of the Forests and Forest Products Society of Nigeria. 618-621pp. 3-5 April, 2012. (Nigeria)
- 3) Oladoye, A. O., Aduradola, A. M., **Olubode, O. S.**, Basiru, A. O. and Ezenwwenyi, J. U. (2014). Assessment of floristic composition of forest undergrowth of International Institute of Tropical Agriculture (IITA) Forest Reserve, Ibadan, Nigeria. In Awotoye, O.O., Adewole, M.B. and Matthew, O.J. (Eds.). Raise Your Voice, Not the Sea Level. Proceedings of the 7<sup>th</sup> Annual Conference of the Institute of Ecology and Environmental Studies. 81-91pp. 24-26 June, 2014. Obafemi Awolowo University, Ile-Ife, Nigeria from (Nigeria)
- 4) **Olubode, O. S.** and Ighodalo, D. J. (2018). Diversity and Ecological Importance of Ferns in Nigerian Institute for Oil Palm Research (NIFOR) Oil Palm (*Elaeis Guineensis* Jacq.) Plantation in Edo State, Nigeria. In Agbeja, B.O., Adetogun, A.C., Adejoba, O.R. and Osunsina, I.O.O. (Eds.). Collaboration of Stakeholders for Dynamic Restoration of Forest Estate in Nigeria. Proceedings of the 2<sup>nd</sup> Commonwealth Forestry

Association(CFA) Conferernce, Nigeria Chapter. 253-263pp. 5 -7 June, 2018. Federal University of Agriculture Abeokuta, Ogun State, Nigeria. (Nigeria)

- 5) Asunbo, O. I. and **Olubode, O.S.** (2020). Rodent composition, population and damages of subsistence farms in selected Local Governments in Oyo State, Nigeria. Pp. 174-181. In Babalola, F.D., Olaleru, F., Arabomen, O. and Ringim, A.S. (Eds.). Biodiversity Conservation and Current Environmental Challenges: Proceedings of the 7<sup>th</sup> Nigeria Chapter of Society for Conservation Biology (NSCB) Conference. 27-29 October, 2020. Faculty of Renewable Natural Resources, University of Ibadan, Ibadan, Nigeria. 174-181pp. (Nigeria)
- 6) Morakinyo, F. and **Olubode, O.S.** (2020). Phenology and Rate of Sprouting of *Launaea taraxacifolia* (Willd.) Amin ex c. Jeffrey in Ibadan, Oyo State, Nigeria. In Babalola, F.D., Olaleru, F., Arabomen, O. and Ringim, A.S. (Eds.). Biodiversity Conservation and Current Environmental Challenges: Proceedings of 7<sup>th</sup> Nigeria Chapter of Society for Conservation Biology (NSCB) Conference. 27-29 October, 2020. Faculty of Renewable Natural Resources, University of Ibadan, Ibadan, Nigeria. 250-255pp. (Nigeria)
- 7) **Olubode, O.S.** and Ogunjimi, A.B. (2021). Conservation Status and Growth Response of *Cnidoscopus Aconitifolius* (Mill.) Johnst. to Fertilizer in Ibadan, South-western Nigeria. Pp. 31-43. In Fening, K.O., Adeoluwa, O.O., Ologundudu, O.M. (Eds.). Feeding the World Without Poisoning/Nourrir le Monde sans l’empoisonner. Proceedings of the 6th Scientific Track of West African Organic Conference/ 6<sup>ème</sup> Conference Ouest Africaine De L’agriculture Biologique. 23-26 Novermber, 2021. Royal Beach Hotel, Ouagadougou, Burkina Faso. (Burkina Faso) (Contribution: 80%)
- 8) Oladoye, A.O., Oyelowo O.J., **Olubode O.S.**, Ojo E.O., Bakare O.O., and Henry, C.A. (2022). Edaphic factors and soil organic carbon storage potentials under different land use types in Omo Biosphere Reserves, Nigeria. In Olubode, O.S., Agbogidi, O.M. and C.A. Ogunkunle (Eds.). Natural Ecosystem Sustainability in the 21<sup>st</sup> Century. Proceedings of the Ecological Society of Nigeria Conference. 252-257pp. 15-19 May, 2022. University of Ibadan, Ibadan, Nigeria (Nigeria)
- (d) Articles that have already appeared in learned journals:
- 9) Baker, L. R. and **Olubode, O. S.** (2008). Correlates with the distribution and abundance of the endangered Sclater’s monkey (*Cercopithecus sclateri*) in Southern Nigeria. *African Journal of Ecology* Vol. 46: 365-373. (Kenya)
- 10) Baker, L. R., Tanimola, A. A., **Olubode, O. S.** and Garshelis, D. L. (2009). Distribution and abundance of sacred monkeys in Igboland, southern Nigeria. *American Journal of Primatology* Vol. 71: 574–586. (USA)

- 11) **Olubode, O. S.**, Awodoyin, R. O. and Ogunyemi Sola (2009). Diversity and proximate composition of herbaceous components of Old Oyo National Park, Nigeria in relation to wildlife conservation. *Nigerian Journal of Science* Vol. 43: 33-42. (Nigeria)
- 12) Awodoyin, R. O. and **Olubode, O. S.** (2009). On-field assessment of critical period of weed interference in okra [*Abelmoschus esculentus* (L.) Moench] field in Ibadan, a rainforest-savanna transition eco-zone of Nigeria. *Asian Journal of Food and Agro Industry*. Vol. 2. Special Issue: 288-296. (Thailand)
- 13) Sola Ogunyemi, Awodoyin, R. O. and **Olubode, O. S.** (2010). Climate change, impacts and mitigation: Nigerian experience *Nigerian Journal of Ecology* Vol. 11: 10-19. (Nigeria)
- 14) Baker, L.R., Arnold, T. W., **Olubode, O. S.**, and Garshelis, D. L. (2011). Considerations for using occupancy surveys to monitor forest primates: a case study with Sclater's monkey (*Cercopithecus sclateri*). *Population Ecology* Vol. 53: 549-561. (USA)
- 15) **Olubode, O. S.**, Awodoyin, R. O., and Ogunyemi, S. (2011). Floral diversity in the wetlands of Apete river, Eleyele lake and Oba dam in Ibadan, Nigeria: Its implication for biodiversity erosion. *West African Journal of Applied Ecology* Vol. 18: 109-119. (Ghana)
- 16) Baker, L. R., Tanimola, A. A. and **Olubode, O. S.** (2013). Sacred populations of *Cercopithecus sclateri*: Analysis of apparent population increases from census counts. *American Journal of Primatology* Vol. 76. No. 4: 303-312. (USA) (Contribution: 30%)
- 17) Baker, L. R., **Olubode, O. S.**, Tanimola, A. A. and Garshelis, D. L. (2014). Role of local culture, religion and human attitudes in the conservation of sacred populations of a threatened 'pest' species. *Biodiversity Conservation* Vol. 23. No. 8: 1895-1909. (USA)
- 18) Adegbite, K. S., **Olubode, O. S.** and Awodoyin, R. O. (2013). Diversity and phytosociology of herbaceous flora in the wetland area of the University of Ibadan Integrated Fish Farm, Nigeria. *Environtropica* Vol. 11: 20-32. (Nigeria)
- 19) Oladoye, A. O., **Olubode, O. S.**, Odeyale, O. O. and Ola, J. A. (2014). Structure and composition of woody species in riparian forest in the University of Agriculture, Abeokuta, Nigeria. *Biological and Environmental Sciences Journal for the Tropics* Vol. 11. No. 3: 333-344. (Nigeria) (
- 20) Awodoyin, R. O., **Olubode, O. S.**, Ogbu, J. U., Balogun, R. B., Nwawuisi, J. U. and Orji, K. O. (2015). Indigenous fruit trees of tropical Africa: status, opportunity for development and Biodiversity management. *Agricultural Sciences* Vol. 6: 31-41. (China)
- 21) Morakinyo, I and **Olubode, O. S.** (2015). Effect of soil amendments on growth, minerals and proximate composition of *Launaea taraxacifolia* (Willd.) Amin Ex C. Jeffrey. *Nigerian Journal of Ecology* Vol. 14: 102-109. (Nigeria) (Contribution: 60%)
- 22) **Olubode, O. S.** and Akpan, P. E. (2016). Eutrophication of Dandaru reservoir in Ibadan, Nigeria in relation to land-use and mechanical desilting. *Nigerian Journal of Ecology* Vol. 15. No. 1: 66-81. (Nigeria)



- 23) Adeniji, S. A. and **Olubode, O. S.** (2016). Woody flora diversity and carbon sequestration potential of University of Ibadan Teak plantation: a consideration for climate change mitigation in southwest Nigeria. *Biological and Environmental Science*
- 24) Egberongbe, R. K., Awodoyin, R. O. and **Olubode, O. S.** (2017). Fallow management potentials of *Sesbania pachycarpa* DC.; The green manure effects on *Amaranthus cruentus* L. in Ibadan, South Western Nigeria. *Agricultural Sciences Research Journal* Vol. 7. No. 4: 171-176. (Kingdom of Saudi Arabia)
- 25) Dada, O. A., Oladiran, E. M., **Olubode, O. S.** and Togun, A. O. (2017). Influence of weeding regime on composition and diversity of weed species in upland rice (*Oryza sativa* L.) field. *Nigerian Journal of Ecology* Vol. 16. No. 1: 62-74. (Nigeria)
- 26) Taiwo, D. M., **Olubode, O. S.** and Oyelowo, O. J. (2017). Assessment of Soil Seedbank Composition, Woody Species Composition and Structure in Olokemeji Forest Reserve, Ogun State, Nigeria. *International Journal of Applied Research and Technology* Vol. 6 No. 12: 23-29 (USA)
- 27) Tanimola, O. O., Awodoyin, R. O. and **Olubode, O. S.** (2017). Distribution of *Mimosa diplotricha* C. Wright an invasive weed in relation to other herbaceous weeds in Agrarian ecosystems of Ibadan, Nigeria. *Nigerian Journal of Ecology* Vol. 16 No. 2: 128-141. (Nigeria)
- 28) Baker, L. R., Tanimola, A. A. and **Olubode, O. S.** (2018). Complexities of local cultural protection in conservation: the case of an Endangered African primate and forest groves protected by social taboos. *Oryx* Vol. 52 No 2: 262-276 (United Kingdom).
- 29) Gold, E. J. and **Olubode, O. S.** (2018). Diversity and floral composition changes in intensively cultivated Practical Year Training Programme farm of the University of Ibadan, Nigeria. *Nigerian Journal of Ecology* Vol. No. 17 No. 2: 80-89 (Nigeria) (Contribution: 70%).
- 30) **Olubode, O.S.** and Johnson, A.S. (2019). Performance of *Senecio biafrae* (Oliv. & Hiern) J. Moore Under Varying Light Intensities and Compost Rates in Ibadan, Southwestern Nigeria. *Ibadan Journal of Agricultural Research* Vol. 15 1: 38-47. (Nigeria)
- 31) Awodoyin, R. O., Ologe, F. I., Egberongbe, R. K. and **Olubode, O.S.** (2020). Floristic importance of *Phyllanthus amarus* Schumacher & Thonn. in selected farming communities and its domestication in Oyo State, Nigeria. *Ibadan Journal of Agricultural Research* Vol. 15 No. 2: 43-58. (Nigeria)
- 32) Ogbu, J. U., Awodoyin, R. O. and **Olubode, O. S.** (2020). Allelopathic effect of *Pentaclethra macrophylla* Benth. Leaf Extracts on Germination and Seedling Growth of Maize and Okra. *Asian Journal of Biological Sciences* Vol. 13 No. 3: 285-292 DOI:10.3923/ajbs.2020.285.292. (Malaysia)
- 33) Isienyi, N. C., Fadina, O. O., Fayinminnu, O. O., and **Olubode, O. S.** (2020). Efficacy of Three Botanicals in Cowpea Field, Oyo State, Nigeria. *Current Journal of Applied*

- 34) **Olubode, O. S.** and Ayoola, D. O. (2020). Phytotoxic effects of aqueous extracts of *Ola x subscorpioidea* on seed germination and growth parameters of maize (*Zea mays* L.). *Journal of Agriculture and Ecology Research International*. Vol. 21 No. 5: 22-28 DOI:10.9734/JAERI/2020/v21i530144 (China)
- 35) Afolabi, A.S., Egberongbe, R. K., Awodoyin, R. O. and **Olubode, O.S.** (2020). Assessment of soil seed banks in relation to aboveground vegetation in three ecosystems within University of Ibadan, Ibadan, Southwestern Nigeria. *Agricultural Science Research Journal* Vol. 10 No. 4: 88 – 92. (Ghana)
- 36) Olayanju, F. M. and **Olubode, O. S.** (2020). Floristic Response of Herbaceous Flora to Intensive Cropping Systems: A Case of Ajibode-sasa Arable Agroecosystem, Ibadan, outhwest Nigeria *Journal of Agriculture and Ecology Research International* Vol. 21 10: 25-37. (United Kingdom) (Contribution: 80%)
- 37) Olatidoye, O.R., Orimogunje, O.O.I., Oyelowo, O.J., **Olubode, O.S.** and Oloketuyi, A.J. (2021). Mapping riparian vegetation change in the Omo Biosphere Reserve, Ogun State, Nigeria. *Makerere University Journal of Agricultural and Environmental Sciences* Vol. 10 No. 1: 47-59. (Uganda)
- 38) Seyni, B. M., Awodoyin, R. O., **Olubode, O. S.**, Adeniji, S. A. and Ibrahima, D. B. (2021). Floristic composition, diversity and community structure in a secondary rainforest in Ibadan, Nigeria. *International Journal of Biodiversity and Conservation*. Vol. 13 No. 4: 183-199 DOI: 10.5897/IJBC2020.1463 (Nigeria)
- 49) **Olubode, O. S.**, Taiwo, D. M., Woghiren, A. I. (2021). Floristic Structure of Some Selected Plots in Olokemeji Forest Reserve, Ogun State, Nigeria. *FUTY Journal of the Environment* Vol. 15 No. 1: 65-72. (South Africa)
- 40) Woghiren, A.I. and **Olubode, O.S.** (2021). Vegetation community and floristic diversity of Eleyele and Dandaru wetlands in Ibadan, Southwest, Nigeria. *Nigerian Journal of Science*. 55(1): 25-33. (Nigeria)
- 41) Ayoola D.O. and **Olubode O. S.** (2022). Allelopathic effects of aqueous extracts of *Ola x subscorpioidea* Oliv. on seed germination and growth of Okra (*Abelmoschus esculentus* (L.) Moench) in Ibadan, Nigeria. *Nigerian Journal of Ecology* Vol. 18 No. 1: 45-52 (Nigeria)
- 42) Olajesu, S. O., Oni, F. L. and **Olubode, O. S.** (2022). Wildlife Species Diversity in Oli Complex of Kainji Lake National Park, Nigeria. *Renewable* Vol. 2 No. 1: 15-25 (Nigeria)
- 43) Badmus, H. A., **Olubode, O. S.**, and Onaolapo, E. E. (2023). Evaluation of depredation activities of Vertebrate pest species in Cassava cultivation at Sasa-Ajibode, Ibadan, Oyo State, Nigeria. *Nigerian Journal of Ecology* Vol. 19 No. 1: 32-37 (Nigeria)
- 44) Obiakara, M. C., **Olubode, O. S.** and Chukwuka, K. S. (2023). Climate change and the potential distribution of the invasive shrub, *Leucaena leucocephala* (Lam.) De Wit in

- 45) **Olubode, O. S.** and Ibrahim, B. A. (2023). Attributes and Ecological Potentials of Dumpsite Flora in the Peri-urban Area of Ibadan, Nigeria. *Journal of Agriculture and Ecology Research International* Vol. 24 No. 3: 39-53. (United Kingdom)
- 46) Anagonou, S. P. G., Ewemoje, T. A. Toyi, S. S. M. and **Olubode, O. S.** (2023). Landscape ecological risk assessment and transformation processes in the Guinean-Congolese climate zone in Benin Republic. *Remote Sensing Applications: Society and Environment* Vol. 31: 1-15 (United States of America)
- 47) **Olubode, O. S.**, Fasola, I. A., and Gbadamosi, I. T. (2023). Assessment of bitter yam (*Dioscorea dumentorum* [Kunth] Pax) production in Oyo State, Nigeria. *Journal of Agriculture and Environment* Vol. 19 No. 1: 125-133 (Nigeria)
- 48) **Olubode, O. S.** (2023) Phytosociology of the Herbaceous Flora of University of Ibadan Oil Palm Plantation, University of Ibadan, Ibadan, Southwest, Nigeria. *Asian Journal of Environment and Ecology* Vol. 22 No. 1: 52-62 (India)
- 49) **Olubode, O. S.** (2023). Seed Pre-Treatment and Early Growth Performance of *Piliostigma thonningii* (Schum.) Milne-Redhead under Nitrogen Amendment in Old Oyo National Park, Nigeria. *International Journal of Environment and Climate Change* Vol. 13 No. 9: 2163-2173 (United Kingdom)
- 50) **Olubode, O. S.** and Oni, T.E. (2023). Peri-Urban agricultural expansion and forest loss in Lapite, Ibadan, its implication for floristic composition and species invasion. *Ibadan Journal of Agricultural Research* Vol. 18 No. 1: (Nigeria)
- 51) Orodele, O. J., Awodoyin, R. O. and **Olubode, O. S.** (2023). Evaluation of farmers' perception on damages to maize by village weaverbird (*Ploceus cucullatus* Muller) in Sasa-Ajibode agroecosystem, Ibadan, Southwest Nigeria. *Nigerian Journal of Ecology*, Vol. 19, No 2: 20-32. (Nigeria)
- 52) Badmus, H.A., **Olubode, O.S.** and Ojo, S. (2024). Evaluation of depra-dation activities of rodent pest species on maize cultivation in Sasa-Ajibode agroecosystem. *FUDMA Journal of Sciences* 8(6): 17-23
- 53) Awodoyin, R.O., Adeniji, A. O., Adediran, A.T., Egberongbe, R.K. and **Olubode, O.S.** (2025). Velvet Bean (*Mucuna puriens* L. asan Alternative to Failed Fallow Farming: Impacts on Okra [*Abelmoschus esculentus* (L.) Moench] Production in Ibadan, Nigeria.
- 54) Adegbite, T.A., Awodoyin, R. O. and Olubode, O. S. (2025). Plant Density Manipulation on the Growth of *Telphrosia bracteolata* Guill. & Perr. And Associated WeedSpecies. *Asian Research Journal of Agriculture*, 18(2): 110-119. (India).

#### X. Major Conferences Attended with Papers Read

1. The 47<sup>th</sup> Annual Conference of the Weed Science Society of Nigeria (WSSN) held on 3-7 November, 2019 at the Faculty of Agriculture, University of Ibadan, Nigeria

##### Papers:

Ogunjobi, A. J. Awodoyin, R.O. and **Olubode, O.S.** (2019). Distribution and Abundance of Toothache Plant *Acmella brachyglossa* Cass. in Oyo State, Nigeria

- Ibrahim, B. A. and **Olubode, O. S.** (2019). Floristic potentials of dumpsite-induced flora of Lapite dumpsite, Moniya, Ibadan, Nigeria.
- Adekoya, A. O. and **Olubode, O. S.** (2019). Distribution of *Antigonon leptopus* Hook. & Arn., and its phytosociological attributes on selected transportation corridors in University of Ibadan, Ibadan, Nigeria
- Baydo, M. S., Awodoyin, R. O. and **Olubode, O. S.** (2019). Seasonal variations in soil seed bank composition at varying depths in Cocoa Research Institute of Nigeria secondary forest, Ibadan, Nigeria
- Oni, T. E. and **Olubode, O. S.** (2019). Peri–urban agricultural expansion and forest loss in Moniya, Ibadan, its implication on floristic composition and species invasion.
2. Conference of the Royal Society of Chemistry, Environmental Chemistry Group, United Kingdom organized by the University of Reading. UK and held online on 10 July, 2020.  
  
Paper: Olubode, O. S., Adekunle, P. O., Ejimofor, C. Z. and Olafare, A. O. (2020). Allelopathic effects of *Celosia trigyna* L. on germination and growth of three widely cultivated African indigenous vegetables in Ibadan, southwest Nigeria
  3. The Nigeria Society for Conservation Biology Conference held on 27 to 29 October, 2020 at Faculty of Renewable Natural Resources, University of Ibadan, Ibadan, Nigeria.  
  
Paper: Asunbo, O. I. and **Olubode, O.S.** (2020). Rodent composition, population and damages of subsistence farms in selected Local Governments in Oyo State, Nigeria.
  4. The Nigeria Society for Conservation Biology Conference held on 27 to 29 October, 2020 at Faculty of Renewable Natural Resources, University of Ibadan, Ibadan, Nigeria.  
  
Paper: Morakinyo, F. and **Olubode, O.S.** (2020). Phenology and Rate of Sprouting of *Launaea taraxacifolia* (Willd.) Amin ex c. Jeffrey in Ibadan, Oyo State, Nigeria.
  5. The 6th West African Organic Conference/ 6ème Conference Ouest Africaine De L’agriculture Biologique held on November 23-26, 2021 at Royal Beach Hotel, Ouagadougou, Burkina Faso.  
  
Paper: **Olubode, O.S.** and Ogunjimi, A.B. (2021). Conservation Status and Growth Response of *Cnidoscolus Aconitifolius* (Mill.) Johnston. to Fertilizer in Ibadan, South-western Nigeria.
  6. The 37<sup>th</sup> Annual Nigeria Society for Plant Protection Conference held on 13-17 March, 2022 at Federal University of Agriculture, Abeokuta (FUNAAB)  
  
Paper: **Olubode, O.S.** and Olusegun, A. O. (2022). Response of Dandaru reservoir in Ibadan, Nigeria to land-use activities following a 7-year post-desilting intervention

7. Ecological Society of Nigeria Conference held on 15 – 19 May, 2022 at the University of Ibadan, Ibadan, Nigeria.

Papers:

Badmus, H. A., **Olubode, O. S.**, and Onaolapo, E. E. (2022). Evaluation of depredation activities of Vertebrate pest species in Cassava cultivation at Sasa-Ajibode, Ibadan, Oyo State, Nigeria.

Oladoye, A.O., Oyelowo O.J., **Olubode O.S.**, Ojo E.O., Bakare O.O., and Henry, C.A. (2022). Edaphic factors and soil organic carbon storage potentials under different land use types in Omo Biosphere Reserves, Nigeria.

8. Ecological Society of Nigeria Conference held on 5 – 9 May, 2023 at Delta State University, Abraka, Nigeria

Paper:

Tanimola, Omotanwa O., Awodoyin, Rasheed. O. and **Olubode, Oluseun. S.** (2023). Competitive ability of *mimosa diplotricha* c. wright in a 2-species replacement series combination with *tithonia diversifolia* (hemsl.) a. gray.

9. Climate Corps Summer School, at Korea University, Seoul, Republic of Korea, from July 6 - 13, 2025.

Paper:

Climate dynamics, Species Conservation, Invasive Species Ecology and Carbon-bioenergy Synergies in Nigeria's Agricultural and Plantation Landscapes

## XI. Research

### a. **Completed**

- i. The Legacy of crop intensification on composition of above ground flora and soil seed bank of Sasa-Ajibode farmlands, Ibadan, Oyo State. Eutrophication of Dandaru reservoir in Ibadan, Nigeria in relation to land-use and mechanical desilting.
- ii. Diversity and phytosociology of herbaceous flora in the wetland area of the University of Ibadan Integrated Fish Farm, Nigeria.
- iii. Determination of correlates of conservation status of *Launaea taraxacifolia* in southwest Nigeria.
- iv. Estimation of Carbon stock and diversity of woody and herbaceous flora in University of Ibadan Forest Reserve in relation to environmental protection.
- v. Influence of *Olax subscorpioidea* on seed germination and growth parameters of maize (*Zea mays* L.). and Okra (*Abeloschu esculentus* (L.) Moench. in southwest Nigeria.
- vi. Diversity and ecological importance of ferns in Oil Palm Plantation, a case study of Nigerian Institute for Oil Palm Research.

- vii. Floristic structure and regeneration potentials of Olokemeji Forest Reserve, South West Nigeria.
- viii. Peri-urban agricultural expansion and forest loss in Moniya, Ibadan, its implication on floristic composition and species invasion.
- ix. Effect of cohabitation of invasive *Celosia trigyna* L. on growth and yield of staple vegetables (Okra, Celosia and Jute mallow) and maize in southwest Nigeria
- x. A Six-year post-desilting ecological state of Dandaru Reservoir in Ibadan, Oyo State, Nigeria

**b. In progress (Selected)**

- i. Role of the University of Ibadan Botanical Garden in conservation of vascular plants and arthropods
- ii. Assessment of influence of gap dynamics on low-growing flora and fauna in forest University of Ibadan Teak plantation
- iii. Determination of productivity and critical period of weed interference in Tiger nut cultivation in southwestern Nigeria
- iv. Evaluation of Invasive Attributes of *Euphorbia graminea* in Ibadan Nigeria
- v. Evaluation of habitat suitability and bioenergy potential of *Bambusa vulgaris* in southern Nigeria
- vi. Assessment of ecological and phylogenetic distribution of *solanum nigrum* in southwest Nigeria

**SELECTED ENVIRONMENTAL CONSULTANCIES**

- 2025, Environmental Impact Assessment (EIA) for the Construction of Access Road to the Second (2nd) Niger Bridge Linking Delta and Anambra States, Phase 2a (17.5 km) Project (GeoSpatial Limited).
- 2025, Environmental Impact Assessment (EIA) of the Proposed Rehabilitation Project at Obelle-Ilaro-Papalanto Shagamu Road Ogun State, Nigeria (GeoSpatial Limited).
- 2025, Environmental Impact Assessment (EIA) of the Proposed Basswood Natural Gas Limited 4 MMSCFD Compressed Natural Gas (CNG) Facility at Olowotodo Village, along Lagos/Ibadan Expressway, Obafemi/Owode LGA, Ogun State, Nigeria (GeoSpatial Limited).
- 2025, Environmental Impact Assessment (EIA) of the Proposed Rehabilitation Project at Obelle-Ilaro-Papalanto Shagamu Road, Ogun State, Nigeria (GeoSpatial Limited).
- 2024, Resource Person, Course on the Application of Environmental Impact Assessment (EIA) process and Environmental Management Tools (EMTs) to Industrial Activities. – Afrutful Environment Limited (AFEL), 1 May -31 July, 2024.
- 2024, Review of Wet Season Vegetation and Wildlife Report of The Environmental Baseline Study (EBS) for The Field Development Programme of PPL 206 in Okpolo (EWHE) Field in Delta State, Nigeria
- 2023, Review of Wet Season Vegetation and Wildlife Report of The Environmental Baseline Study (EBS) for The Field Development Programme of PPL 206 in Okpolo (EWHE) Field in Delta State, Nigeria

- 2023, Review of Report of Environmental Evaluation Study (EES) for The Sapele Field (OML 41) in Delta State, Nigeria
- 2022, Environmental and Social Impact Assessment Report (ESIA) for the Proposed Supertech Chemical Industries Limited 100,000MTPA Methanol and 160,000MTPA Ammonium Bicarbonate Production Plant at Omotosho Community, Okitipupa LGA, Ondo State, Nigeria (GeoSpatial Limited)
- 2023, Baseline Ecological Survey of 504 ha for Proposed Xavier Jesuit Institute, at Ogbere, Ijebu East Local Government Area, Ogun State, Nigeria.
- 2020, Participation in design and data collection for evaluation of Ekiti State Water Corporation/Third National Urban Water Scheme Reform Project,
- 2017, Environmental Impact Assessment (EIA) on the surrounding vegetation and Wildlife of Proposed Koko Free Trade Zone, Koko, Delta State, Nigeria.
- 2017, Environmental Impact Assessment (EIA) on the surrounding vegetation and Wildlife of Proposed 41 Acre Residential Estate at Jakande Beach Front, Lekki, Lagos State, Nigeria.
- 2017, Assessment of water hyacinth and other hydrophytes on Lagos lagoon (Consultant to Odun Environmental Limited).
- 2017, Environmental Impact Assessment (EIA) on the flora and associated organisms in the proposed site for Pomade Petroleum Tank Farm at Abulado, Mile 2, Lagos State in 2017 (Consultant to Odun Environmental Limited).
- 2017, Environmental Impact Assessment of Proposed Ojaekomo Sand-filling and Reclamation Project on the microclimate, vegetation and associated organisms in the surroundings of the Chevron Drive Waterfront, Lekki, Lagos State Nigeria (Consultant to Odun Environmental Limited).
- 2016, Environmental Impact Assessment (EIA) of Proposed Power plant Installation at Ofunene, Kogi State, Nigeria on the Surrounding Vegetation and Wildlife in the Dry Season of 2016.
- 2016, Environmental Impact Assessment (EIA) of Proposed Power plant Installation/Relocation at Ajebandele, Ondo State, Nigeria on the surrounding vegetation and Wildlife in the Wet Season of 2016.
- 2016, Environmental Impact Assessment of Proposed 100-acre Farmland for Cocoa Plantation for Jisabod Enterprises, Araromi Village, off Akanran road, Ona Ara Local Government Area, Ibadan, Oyo State, Nigeria.
- 2015, Environmental Impact Assessment of Proposed Joint Venture Initiative (Plantation Farms) of College of Medicine and the Faculty of Agriculture and Forestry, University of Ibadan, Igboora, Oyo State, Nigeria (Consultant to University of Ibadan – College of Medicine/Faculty of Agriculture and Forestry)
- 2015, Environmental Impact Assessment for an Integrated Oil and Gas Development for Nigerian Petroleum Development Corporation at Ohaji/Egbema Local Government Area, Imo State, Nigeria (Consultant to Odun Environmental Limited)
- 2015, Environmental Impact Assessment Study for Dockyard Development Project, Tarkwa Bay, Lagos, Nigeria (Consultant to A Fruitful Environment Limited)
- 2014, Ecological Assessment of the of the Trans-Nigeria Gas Pipeline Project: Cawthorne Channel – Alakiri – Obigbo Node-NOPL and from Obigbo Node – OB3 Segment of the Early Gas Phase by the Nigerian National Petroleum Corporation Nigeria (Consultant to Odun Environmental Limited)
- 2014, Environmental Evaluation Report/Study (EER) for the West African Gas Pipeline Company Limited (WAPCo) facilities in Ogun and Lagos States, Nigeria (Consultant to A Fruitful Environment Limited)

- 2014, Environmental Impact Assessment (EIA) of Proposed Powerline Installation by National Independent Power Project on the Surroundings of Oferekpe Town, Ikwo Local Government Area, Ebonyi State, Nigeria in 2014
- 2013, Environmental Impact Assessment (EIA) of Proposed Development of Dadin Kowa Water Supply/Irrigation Dam into a Hydroelectric Dam on Vegetation and Wildlife Dadin Kowa, Deba Local Government, Gombe State, Nigeria in 2013
- 2012, Environmental Impact Assessment (EIA) of a Proposed Tank Farm on Vegetation and Wildlife at OK Free Zone, Araromi, Igbokoda, Ondo State in the Dry Season of 2012
- 2012, Environmental Impact Assessment (EIA) of Proposed Site for a Bitumen Jetty on Macoba Creek, Macoba, PortHarcourt, Rivers State Regarding the flora and Associated Organisms in the Environment, PortHarcourt, Rivers State, Nigeria. Responsible for field collection of data on flora and fauna abundance, richness, diversity; multivariate analyses of data (including inferential and descriptive statistics), and writing of reports
- 2011, Afruitful Environment Ltd., Lagos: Review of Environmental Impact Assessment for Lekki Free Zone Development Project (Phase 1). Responsible for field collection of data on flora and fauna abundance, richness, diversity; multivariate analyses of data (including inferential and descriptive statistics), writing of reports (including ecosystem evaluation).
- 2011, Afruitful Environment Ltd., Lagos: Environmental Impact Assessment (EIA) on the flora and associated organisms in the proposed site for Candel Agro-Chemical Industry development at Lekki Free Zone. Responsible for field collection of data on flora and fauna abundance, richness, diversity; multivariate analyses of data (including inferential and descriptive statistics), writing of reports (including ecosystem evaluation).
- 2011, Environmental Impact Assessment (EIA) on the flora and associated organisms in the proposed site for MAO Tank Farm at Mile 2, Lagos State, Nigeria. Responsible for field collection of data on flora and fauna abundance, richness, diversity; multivariate analyses of data (including inferential and descriptive statistics), writing of reports (including ecosystem evaluation).
- 2008, Consultant to Catamaran Nigeria Ltd., Lagos: Environmental impact assessment of the proposed industrial port complex: climate, vegetation, and associated organisms in the surroundings of the creek located on Apapa Road, Lagos, State, Nigeria. Responsible for field collection of data on flora and fauna abundance, richness, diversity; multivariate analyses of data (including inferential and descriptive statistics), writing of reports (including ecosystem evaluation).
- 2008, Consultant to ERM Ltd., Lagos: Environmental evaluation study on the climate, vegetation, and associated organisms in the surroundings of the Palava of Julius Berger Plc., located by the Lagos lagoon, Lekki, Lagos State, Nigeria. Responsible for field collection of data on flora and fauna abundance, richness, diversity; multivariate analyses of data (including inferential and descriptive statistics), writing of reports (including ecosystem evaluation).
- 2009, Consultant to ERM Ltd., Lagos: Environmental evaluation study on the climate, vegetation, and associated organisms in the surroundings of Plot 1 Yard of Julius Berger Plc., located on the ocean side of Apapa Industrial Estate, Lagos State, Nigeria. Responsible for field collection of data on flora and fauna abundance, richness, diversity; multivariate analyses of data (including inferential and descriptive statistics), writing of reports (including ecosystem evaluation)
- 2007, Consultant to Environmental Resources Managers (ERM) Ltd., Lagos: Environmental impact assessment (vegetation) of Nigerian National Petroleum Corp. (NNPC) Mega Station, Jos, Plateau State, Nigeria. Responsible for field collection of data on flora and fauna abundance, richness, diversity; multivariate analyses of data (including inferential and descriptive statistics), writing of reports (including ecosystem evaluation).



## Research Focus

My study of plant ecology examines how crops and related plants interact ecologically with other abiotic and biotic elements of agroecosystems and other habitats, which offer enormous promise for environmentally sustainable crop production. I study the interconnections between species and ecosystems, with particular attention paid to weed and vertebrate pest control, biota conservation for increased crop yield, and climate change mitigation. My research promotes biodiversity preservation in the ecology of arable farmlands (and, when necessary, laboratory assays), conserved areas like national parks and forest reserves, threatened fragile ecosystems (wetlands in urban areas, fire-managed ecosystems, and contaminated areas that hold potential for species conservation, like dumpsites). My research's broader focus includes both protected and unprotected areas in various agroecosystems and vegetation zones in mangrove swamps, rainforests, derived and southern guinea savannas across southwestern, south southern and south eastern Nigeria.

In addition, I focus on assessing the floristic interactions between crops and weeds. In an effort to profile the nature of a particular crop's relationship to weeds for crop production that is both safe and environmentally friendly, I have investigated competitive and allelopathic interactions between crops and other plants. As a result, we discovered that *Acalypha segetalis*' competitive interaction with cowpea was not harmful, and we calculated the critical period of weed interference in okra to be 4 to 8 weeks. *Olox subscorpioidea*'s bio-herbicidal and stimulatory effects on maize seed germination and growth parameters were also identified. The acquired information would aid in preventing the agroecosystem from being subjected to pointless chemical herbicide treatments. Consequently, staples like African native vegetables, cowpea, and cereals (maize and rice), which considerably improve food security for resource-poor small-holder farmers in developing nations like Nigeria, can be grown more inexpensively and safely.

My research on the relative ecological significance of crops and other plants in wetlands in Ibadan and Old Oyo National Park, fire-mediated ecosystems at Olokemeji Forest Reserve and Old Oyo National Park, and polluted areas like peri-urban dumpsites are all focused on protecting environmental biodiversity. The results of the investigations showed varied levels of threats to particular species and environments. For instance, we have discovered that the floristic organization of some ecosystems is such that the below-ground and above-ground plants are statistically so disproportionally uncorrelated that they cannot coexist over time. Understanding the biotic and abiotic interactions in these ecosystems has made it possible to suggest appropriate management techniques to use for sustainability.

In fragile protected areas like Old Oyo National Park, where grass diversity has been connected to an abundance of games and the functionality of the Park, floristic assessments of ecologies and phenology of plants are made on a broad ecological scale. Keystone grasses in the core of Old Oyo National Park were discovered; likewise each plot of the IITA-conserved forest in Ibadan had its floristic interactions with other species described. Survey studies in the severely degraded forests of southeast and Niger Delta Nigeria have revealed the community structures of the forests and how human exploitation of trees has continued to affect the endemic Sclater's guenon in Nigeria, which is listed as an endangered species by the IUCN. The study raised community awareness of the need of protecting forests and the monkey.