

CURRICULUM VITAE

- I. (a) Name: Daniel Abiodun Akintunde-Alo
(b) Date of Birth: December 29, 1975
(c) Department: Social and Environmental Forestry
(d) Faculty: Renewable Natural Resources
- II. (a) First Academic Appointment: Lecturer II (29 September, 2015)
(b) Present Post (with date): Reader (1 October, 2024)
(c) Date of Last Promotion: 1 October, 2024
(d) Date Last Considered (In cases where promotion was not through): Not Applicable
- III. University Education (with dates)
Federal University of Technology, Akure, Nigeria 1997 – 2002
Federal University of Technology, Akure, Nigeria 2004 – 2008
Federal University of Technology, Akure, Nigeria 2010 – 2013
- IV. Academic Qualification (with dates and granting bodies)
B. Agric. Tech. Forestry and Wood Technology (2002; Federal University of Technology, Akure)
M. Agric. Tech. Forest Biometrics (2008; Federal University of Technology, Akure)
Ph.D. Forest Biometrics and Remote Sensing/
Geographic Information Systems (2013; Federal University of Technology, Akure)
- V. Professional Qualifications and Diploma (with dates)
(a) Certificate: Introduction to Climate Information Services for Agriculture, Ibadan, December, 2023.
(b) Certificate: Monitoring Land Use February, 2024.
- VI. Scholarships, Fellowships and Prizes (with date)
In respect of Undergraduate and Postgraduate work only Nil
- VII. Honours, Distinctions and Membership of Learned Societies
(a) Life Member, Forestry Association of Nigeria (FAN)
(b) Member, Forests and Forest Products Society of Nigeria (FFPS)
(c) Member, Commonwealth Forestry Association (CFA)
(d) Member, African Forest Forum (AFF)
- VIII. Details of Teaching/Work Experience
(a) Lecturer II - Department of Forest Resources Management,

University of Ibadan, Ibadan, Nigeria	2015 – 2017
(b) Lecturer II - Department of Social and Environmental Forestry, University of Ibadan, Ibadan, Nigeria	2017 - 2018
(c) Lecturer I - Department of Social and Environmental Forestry, University of Ibadan, Ibadan, Nigeria	2018 - 2021
(d) Senior Lecturer - Department of Social and Environmental Forestry, University of Ibadan, Ibadan, Nigeria	2021 – 2024
(e) Reader - Department of Social and Environmental Forestry, University of Ibadan, Ibadan, Nigeria	2024 till date

Courses Taught

(a). Undergraduate Courses

	Units	
SEF 221: Introduction to Remote Sensing and Geographic Information Systems in Renewable Natural Resources	2	S
SEF 317: GIS Applications in Forest Resources Management	2	S
SEF 322: Computer Application in Forest Resources Management	2	S
WEM 319: Geographic Survey and Information Systems	2	J
SEF 413: Aerial Survey and Photogrammetry	3	S
SEF 529: Remote Sensing in Forest Resources Management	2	S

(b) Postgraduate Courses

FBI 743: Application of Remote Sensing to Forestry	3	S
FBI 744: Application of Geographic Information System in Forestry	3	S
FBI 755: Digital Image Processing for Sustainable Forest Management	2	S
FBI 756: Spatial Decision Support Systems for Sustainable Forest Management I	2	S
UEF 763: Forest and Climate Change	2	J
UEF 764: Environmental and Social Impact Assessment (ESIA)	2	J
WEM 726: Natural Resource Information and Data Management	2	J
FBI 851: Advanced GIS Technology in Sustainable Forest Management	3	S
FBI 852: Spatial Decision Support Systems for Sustainable Forest Management II	3	S

S = Singly taught

J = Jointly taught

(c) <u>Students' Project Supervision</u>			
Degree	Completed	In progress	Total
B.Sc.	36	4	40
M.Sc.	22	6	28
Ph.D.	7	8	15
(d) <u>Participation in University Administration</u>			
i.	Undergraduate Coordinator, Department of Social and Environmental Forestry		2017 - 2018
ii.	Postgraduate Coordinator, Department of Social and Environmental Forestry		2018 - Date
iii.	Member of Senate, University of Ibadan		2023 - 2024
iv.	Member, Faculty of Renewable Natural Resources Finance Committee		2023 - Date
v.	Representative of Faculty of Renewable Natural Resources on the Board of faculty of The Social Science		2023 - Date
vi.	Member, University of Ibadan Climate Strategic Policy Committee		2024 - Date
(e) <u>Community Service</u>			
i.	Member, National Organising Committee, Forests and Forest Product Society Annual Conference		2021
ii.	Member, Negotiation Committee of the Sole Ownership of the Ladoke Akintola University of Technology (LAUTECH), Ogbomosho.		2021.
iii.	Member, Editorial Board Journal of Forests and Forest Product.		2021 - Date
iv.	Member, Secretariat Committee of the Emmanuel Alayande University of Education, Oyo.		2021 – Date
v.	Public Relation Officer, International School Ibadan Parent Teacher Association		2025 - Date

IX. Research

a) Completed

- i. Development of location-enabled application for threatened tree species in University of Ibadan, Nigeria
- ii. Deep learning automatic detection of tree species from unmanned aerial vehicle imagery using convolutional neural networks in urban forests
- iii. Forest cover dynamics and climatic variability in Olokemeji Forest Reserve, Ogun State
- iv. Urban forest cover dynamics and modelling carbon stock in University of Ibadan
- v. Tree volume models and canopy structure of Afi River Forest Reserve, Cross River State, Nigeria
- vi. Aboveground tree biomass and land use land cover change in Buru Community Forest, Taraba State, Nigeria
- vii. Spatial modeling of woody biomass in derived savannah ecosystem of Ogun State, Nigeria
- viii. Spatial modeling of urban green spaces in Abeokuta Metropolis, Nigeria

b) In Progress

- i. Development of a mobile application for estimating tree carbon stock in the tropics: The research was designed to provide database on wood density and carbon stock estimates at individual tree, plot and hectare levels. It aims to consider stratification impacts on the estimates. The research, which started in 2024, with the creation of the back end will be completed in 2025.
- ii. Development of a predictive model for fire management in Ise Forest Reserve, Ekiti State, Nigeria:
The research is aimed at using geographic information systems and artificial intelligence to predict possible occurrence of fire in Ise Forest Reserve. Findings of the study is expected to prevent future occurrence of fire incidence. FlamMap will be incorporated in the prediction of fire occurrence in Ise Forest Reserve. The data collection commenced with gathering of information on fuel load, fuel structure and soil to produce and develop a fire risk map for the study area. The study started in 2024 and will be completed in 2025.
- iii. Modeling carbon stock and facilitating carbon credit in Gashaka Gumti National Park, Taraba State Nigeria:
The research aims to estimate the carbon stock and socioeconomic impact of carbon stock accumulation. This may facilitate assess to carbon credit for African Nature Investor (ANI) and other project partners. The National Park was stratified into 7 forest types; lowland rainforest, mountain forest, mountain forest scrub, Mountain grassland, dense savannah woodland, open savannah woodland dense and open

savannah woodland sparse. Data collection on tree growth variables, soil, wood core samples have been completed, while data on socio economic variables is being collected. Geographic Information System, R and SPSS are employed for data analysis. The study started in 2023 and will be completed in 2025.

iv. **Tree Species Composition and Carbon Sequestration Potential of National Parks in Southern Nigeria:**

This study aims to assess and compare the tree species composition and carbon stock in Old Oyo, Okomu, and Cross River National Parks. The research employs both forest inventory and historical remote sensing data to achieve these objectives. Data collection has been completed, including growth variables for standing and fallen trees, wood core samples, soil samples, litter, ground flora, and remote sensing imagery. Laboratory analyses of physicochemical properties of the soil, and wood density for various tree species have been conducted. Tree growth characteristics and species diversity indices have been computed, and the estimation of carbon stock across different sections of the national parks is currently underway. Additionally, the study is utilizing historical Landsat imagery to assess carbon stock accumulation over time. Data analysis using R, ArcGIS, and SPSS is ongoing. The research, initiated in 2023, is scheduled for completion in 2025.

c) Project, Dissertation and Thesis

- i. **Alo, A.A.** (2002). Yield of *Gmelina arborea* and the Impact on the Soil Physical and Chemical Properties in Omo and Oluwa Forest Reserves, South West, Nigeria. B. Tech. Project, Department of Forestry and Wood Technology, Federal University of Technology, Akure, Nigeria, 112p.
- ii. **Alo, A.A.** (2008). Taper and Volume Equations for *Gmelina arborea* in Omo Forest Reserve, Southwest Nigeria. M. Tech. Dissertation, Department of Forestry and Wood Technology, Federal University of Technology, Akure, Nigeria, 120p.
- iii. **Alo, A.A.** (2013). Development of Geospatial Database for Forest Reserves and Sawmills in Ekiti State, Nigeria. Ph.D. Thesis, Department of Forestry and Wood Technology, Federal University of Technology, Akure, Nigeria, 243p.

X Publications

(a) Books already published: Nil

(b) Chapters in Books already published: Nil

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

1. **Alo, A.A.**, Akindele, S.O. and Onyekwelu J.C. (2010). Comparison of Tree Volume Estimates Obtained by Different Methods for *Gmelina arborea* in Omo Forest Reserve, Southwest Nigeria. In Onyekwelu, J.C., Adekunle V.A.J. and Oke, D.O. (Eds). Climate Change and Forest Resources Management: The Way Forward. Proceedings of the 2nd Biennial National Conference of the Forests and Forest Products Society. 26-29 April, 2010. 123-127pp. (Nigeria) (Contribution: 50%).
2. **Alo, A.A.** and Akindele, S.O. (2011). Contribution of Forestry Towards the Attainment of the Millennium Development Goals in Nigeria. Forestry in the Context of the Millennium Development Goals. In Popoola, L., Ogunsanwo, O.Y. and Idumah, F. (Eds.). Proceedings of the 34th Annual Conference of the Forestry Association of Nigeria. 5th - 10th December, 2011. 350-356pp. (Nigeria) (Contribution: 80%).
3. **Alo, A.A.** and Akindele, S.O. (2012). Relevance of Geographical Information System in Forest Resource Assessment and Management. In: Adedayo, I.O., Adekunle, V.A.J., Oseni, J.O. and Awodun, M.A. (Eds.). Proceedings of the 6th Annual Agricultural Conference 2012 on Research and Capacity building for Agricultural Transformation in Nigeria. 7-9 November, 2012. 155-159pp. (Nigeria) (Contribution: 70%).
4. **Alo, A.A.** and Akindele, S.O. (2016). Deforestation Assessment in Ikere Forest Reserve, Nigeria Using Geographic Information System Technology. In Adekunle, V.A.J., Oke, D.O. and Emehri, E.A. (Eds.). Forest Management and the challenges of environmental sustainability. Proceedings of 5th National Biennial Conference of the Forests and Forest Products Society on 25 - 29 April 2016. 45-49pp. (Nigeria) (Contribution: 80%).
5. **Alo, A.A.** (2016). Development of Digital Elevation Models for Omo Forest Reserve Nigeria. In Agbeja, B.O., Adetogun, A.C., Adejoba O.R and Osunsina, I.O. (Eds.). Forestry and Allied Natural Resources Disciplines in Nigerian Institutions: Inputs for Future Solutions to a dwindling Forest Estate in Nigeria. Proceedings of the 1st Commonwealth Forestry Association (CFA) Conference, Nigeria Chapter. 10 - 12 October, 2016. 336-342pp. (Nigeria) (Contribution: 100%).
6. Ilelakinwa, G.A. and **Alo, A.A.** (2018). Land Use Land Cover Dynamics of Faculty of Agriculture and Forestry Practical Demonstration Site, Ileogbo. In Isah, A.D., Shamaki,

- S.B. Adekunle, V. A. J and Bello, A.G. (Eds.). Proceedings of 6th Biennial National Conference of Forests and Forest Products Society. 23- 27 April, 2018. 242-250pp. (Nigeria) (Contribution: 50%).
7. **Alo A.A** and Adewole T. (2018). Land Use Mapping and Change Detection of Abayomi Forest Estate Ikoyi, Osun 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 2nd Commonwealth Forestry Association (CFA) Conference, Nigeria Chapter. 5 -7 June, 2018. 260-273pp. (Nigeria) (Contribution: 70%).
 8. Alegbeleye, O.M. and **Alo, A.A.** (2020). Factors Influencing Spatio-Temporal Variation of Urban Green Space in Ado – Ekiti Metropolis. In Agbeja B.O., Adetogun, A.C., Oyerinde V.O., Olusola, J.A. and Olaniran O.S. (Eds.). Forest Ecosystem Potentials in Nigeria: Opportunities for Green Economy in the 21st Century. Proceedings of the 3rd commonwealth Forestry Association (CFA) Conference, Nigeria Chapter. 2-3 December, 2020. 198-206pp. (Nigeria) (Contribution: 50%).
 9. **Alo, A.A.** and Onilude, Q.A. (2021). Forested Landscape Dynamics in Saki-East Local Government Area of Oyo State, Nigeria. In Adekunle, V.A.J., Akpan, M. and Olajide O. (Eds.). Forest Production and Products in a Diversifying Economy for Sustainable Livelihood. Proceedings of the 7th Biennial Conference of Forests and Forest Products Society, 26 - 30 April, 2021. 50-55pp. (Nigeria) (Contribution: 80%).
 10. Oladoja, S.A., Ajewole, O.I., **Akintunde-Alo, D.A.** and Ibe R.B. (2023). Assessment of the Availability and Affordability of Mushroom Raw Materials in Ibadan Metropolis. In: Akanbi, W.B., Olaniyi, J.O., Olabiyi, T.I., Olatunji, O.O., Ipinmoroti R.R., Adesina, J.M., Ajayi, E.O. and Ojo O.O. (Eds.). Application of Science, Technology and Artificial Intelligence in Production and Practices of Horticulture. Proceedings of 41st Annual Conference of Horticultural Society of Nigeria, 12 – 16 November, 2023. 1140-1144pp. (Nigeria) (Contribution: 30%).
 11. **Akintunde-Alo, D.A.**, Owoeye, Y.T., Oyediran, A.E. and Komolafe, O.O. (2024). Land Use Land Cover Dynamics of Ise Forest Reserve, Nigeria. In: Chukwu O., Ikeogun C.F., Obidiegbe E.A and Ebenebe C.I. (Eds). Digitalisation of Agriculture and Bio-Conservation for Food Security. Proceedings of the Second Faculty of Agriculture International Conference. 12 – 14 March, 2024. 142–151pp. (Nigeria) (Contribution: 60%).
 12. Mustapha M.B and **Akintunde-Alo D.A.** (2024). Development of a location-enabled application for threatened tree species at the University of Ibadan, Nigeria. In: Patrick, A.O., Olajuyigbe, S.O., Onefeli, A.O., Nwajiobi, B., Olusola, J., Dele, S.K., Chukwu, O., Ayobami O.B., Ovie, I.A., Bolanle-Ojo, T., Isienyi, N.C. and Oyewo, I.O (Eds). Promoting Innovative Research in Forestry Sector: Prospects and challenges. Proceedings

of the 2nd ISTF-NIGERIA International Conference 28th - 30th May, 2024. 372-381pp. (Nigeria) (Contribution: 60%).

- *13 Oladoja, S.A., Oyedeji, E.O., Ibe, R.B., Adesokan, S.O., Adekunle, A.M. and **Akintunde-Alo, D.A.** (2024). Perception of staff and students of the University of Ibadan on campus recreation gardens. In: Mahadi M.A., Ibrahim U., Aliyu J., Namakka A. and Mohammed A.B. (Eds). Strategic Roles of Research, Innovation, and Extension in Strengthening National Horticultural Technology for Sustainable Food Production. Proceedings of the 42nd Annual Conference of Horticultural Society of Nigeria (HORTSON): 10th -15th November, 2024 ABU. 966-970pp (Nigeria) (Contribution: 20%).
- *14 Aderibigbe, A. A and **Akintunde-Alo, D. A.** (2025). Forest Cover Dynamics and Climatic Variability in Olokemeji Forest Reserve, Ogun State, Nigeria. In Akinyele, A.O., Omitoyin, S.A., Ige, P.P., 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 First Faculty of Renewable Natural Resources, University of Ibadan Conference. 16-20 June, 2025. 461-470. (Nigeria) (Contribution: 60%).

(e) Patents and Copyrights: Nil

(f) Articles that have already appeared in learned Journals:

15. Adekunle, V.A.J., **Alo, A.A.** and Adekayode, F.O. (2011). Yield and Nutrient Pools in Soils Cultivated with *Tectona grandis* and *Gmelina arborea* in Nigerian Rainforest Ecosystem. Journal of the Saudi Society of Agricultural Sciences Vol. 10: 127-135. (India) (Contribution: 40%).
16. **Alo, A.A.**, Onyekwelu J.C. and. Akindele, S.O. (2011). Taper Equations for *Gmelina arborea* in Omo Forest Reserve, Southwestern Nigeria. Journal of Applied Tropical Agriculture Vol. 16. No 1&2: 120-127. (Nigeria) (Contribution: 60%).
17. **Alo, A.A.** and Aturamu, A.O. (2014). Spatial Distribution of Colleges of Education and Effects on the Forest Ecosystem: A Case Study of College of Education Ikere, Nigeria. International Journal of Research in Agricultural Sciences Vol. 1. No. 6: 379-384. (India) (Contribution: 80%).
18. **Alo, A.A.**, Akindele, S.O. and. Onyekwelu, J.C. (2015). Development of Land Use Map of Eda Forest Reserve in Ekiti State, Nigeria. Journal of Applied Tropical Agriculture Vol. 20. No. 1: 19 – 23. (Nigeria) (Contribution: 60%).
19. **Alo, A.A.**, Chukwu, O. and Ogunleye, B.C. (2017). Comparison of Four Distribution Functions for Fitting Diameter in Second Rotation *Tectona grandis* Linn. f. Plantations in Eda Forest Reserve, Nigeria. Forests and Forest Products Journal Vol. 10: 15-26. (Nigeria) (Contribution: 60%).

20. **Alo, A.A.** (2017). Spatial Distribution of Forest Reserves and Sawmills in Oyo State, Nigeria. *Forests and Forest Products Journal*. Vol. 10: 60-72. (Nigeria) (Contribution: 100%).
21. **Alo, A.A.** (2017). Development of Information System for Wood-Based Industries in Ekiti State, Nigeria. *International Research Journal of Environmental Sciences and Studies* Vol. 2 No. 2: 15-27. (Nigeria) (Contribution: 100%).
22. Chukwu, O., **Alo, A.A.** and Ezenwenyi, J.U. (2018). Development of Digital Elevation Model for Okomu National Park, Nigeria. *Current Life Sciences* Vol. 4. No. 2: 27-32. (Poland) (Contribution: 30%).
23. **Alo, A.A.** and Ogana, F.N. (2018). Equation for Estimating Bark Thickness of *Gmelina arborea* (ROXB) Trees in Omo Forest Reserve. *Journal of Agriculture and Environment* Vol. 14. No. 1: 153-165 (Nigeria) (Contribution: 60%).
24. **Alo, A.A.** and Nwatu, J.U. (2018). Modeling Urban Green Space Dynamics and Associated Proximate Drivers in Ibadan Metropolis, Ibadan, Nigeria. *Forests and Forest Products Journal* Vol. 18: 23-34. (Nigeria) (Contribution: 80%).
25. Egbewole, Z.T., Rotowa, O.J., **Alo, A.A.**, Ojo, A.S., Oluwasanmi, T.D., Enenche J.A. Oluwaseesin, M.B. (2019). The Use of Forest Inventory in Estimating Illegally Felled Trees of *Tectona grandis* Plantation in Agudu Forest Reserve, Lafia, Nasarawa State, Nigeria. *International Journal of Research Studies in Science, Engineering and Technology* Vol. 6. No. 6: 1-14. (United States of America) (Contribution: 20%).
26. Agbor, C.F., **Alo, A.A.** and Aigbokhan, O.J. (2020). Geospatial Modeling of Forest Landscape Assessment: A Case Study From Ikere Forest Reserve. *Journal of Research in Forestry, Wildlife and Environment* Vol. 12. No. 2: 11-21. (Nigeria) (Contribution: 40%).
27. **Alo A.A.**, Adetola A.A. and Agbor C.F. (2020). Modelling Forest Cover Dynamics in Shasha Forest Reserve, Osun State, Nigeria. *Journal of Agriculture and Environment* Vol. 16. No. 1: 129-142. (Nigeria) (Contribution: 60%).
28. Okikiola M.A. and **Alo, A.A.** (2020). Spatio-Temporal Dynamics of Urban Green Space and Temperature in Ado-Ekiti Metropolis, Nigeria. *Forests and Forest Products Journal* Vol. 20: 40-53. (Nigeria) (Contribution: 50%).
29. Oluwajuwon, T.V., **Alo, A.A.**, Ogana, F.N. and Adekugbe, O.A. (2021). Forest Cover Dynamics of a Lowland Rainforest in Southwestern Nigeria Using GIS and Remote

Sensing Techniques. Journal of Geographic Information System Vol. 13: 83-97. (United States of America) (Contribution: 30%).

30. Agbor, C.F., **Alo, A.A.** and Aigbokhan, O.F. (2021). Human Settlements Interactions and Deforestation in Gambari Forest Reserve Located in Oluyole Local Government Area (LGA) of Oyo State, Nigeria. Journal of Applied Science and Environmental Management Vol. 25. No. 6: 1029-1034. (Nigeria) (Contribution: 40%).
31. Nwatu, U.J., **Alo, A.A.** and Agbor, C.F. (2021). Temperature Variability and Impact of Vegetation Cover in Ibadan Metropolis, Ibadan, Nigeria. Journal of Agriculture and Environment Vol. 17. No.1: 145-159. (Nigeria) (Contribution: 40%).
32. Jebiwott, A., Ogendi, G.M., Agbeja, B.O., **Alo, A.A.** and Kibet, R. (2021). Mapping the Trends of Forest Cover Change and Associated Drivers in Mau Forest, Kenya. Remote Sensing Applications: Society and Environment Vol. 23: 1-10. (Netherlands) (Contribution: 20%).
33. Aturamu, O.A., **Alo, A.A.** and Ige P.O (2021). Development of Silvicultural Management Models for *Gmelina arborea* Roxb. Stands in Area J4, Omo Forest Reserve, Nigeria. Forests and Forest Products Journal Vol. 21: 1-15. (Nigeria) (Contribution: 30%).
34. Jebiwott, A., Ogendi, G.M., Agbeja B.O., **Alo, A.A.** and Maina, G.M. (2021). Spatial Trend Analysis of Temperature and Rainfall and Their Perceived Impacts on Ecosystem Services in Mau Forest, Kenya. International Journal of Sustainable Development and Planning. Vol. 16. No. 5: 833-839. (Netherlands) (Contribution: 20%)
35. Jebiwott, A., Ogendi, G.M., **Alo, A.A.** and Kibet, R. (2021). An Investigation of the Factors That Motivated Illegal Settlements in the Mau Forest, Kenya. Open Journal of Ecology Vol. 11: 725-740. (Netherlands) (Contribution: 30%)
36. **Alo, A.A.**, Agbor, C.F., Jebiwott, A., and Olubodun, T. (2022). Spatial Distribution of Soil Moisture Content and Tree Volume Estimation in International Institute of Tropical Agriculture Forest, Ibadan, Nigeria. Journal of Geoscience and Environment Protection Vol. 10: 364-384. (Netherlands) (Contribution: 70%).
37. Adewoyin J.E., Olaiifa F.E., **Akintunde-Alo D.A.**, Kappo A. and Muibi K.H. (2022). Spatio–Temporal Variation of Chlorophyll, Nutrients and Productivity in Lagos Lagoon, Lagos Nigeria using Remote Sensing Approach. Asian Journal of Fisheries and Aquatic Research Vol. 20: No. 6: 19-28. (Netherlands) (Contribution: 30%).
38. **Akintunde-Alo, D.A.** and Komolafe, O.O. (2022). Geospatial Assessment of Akure Forest Reserve in Ondo State, Nigeria. Forests and Forest Products Journal Vol. 15: 1-

13. (Nigeria) (Contribution: 80%).
39. Alade A.A., Oluwajuwon T.V., **Alo A.A.**, Ogana F.N., and Aghimien E.V. (2023). Aboveground Biomass Allometric Models for a Private Semi-Natural Forest in Nigeria. *Journal of Research in Forestry, Wildlife and Environment* Vol. 15. No. 2: 169 – 180. (Nigeria) (Contribution: 20%).
- 40 Onilude, Q.A., Ige, P.O. and **Alo, A.A.** (2023). Evaluation of Height-Diameter Models for Community *Parkia biglobosa* Jacq B. Plantation in Wasangare, Oyo State. *Journal of Forestry Research and Management*. Vol. 20. No. 1: 31-39. (Nigeria) (Contribution: 30%).
- 41 Bukoye, J.A., Oluwajuwon, T.V., **Alo, A.A.**, Offiah, C., Israel, R. and Ogunmodede, M.E. (2023). Land Use Land Cover Dynamics of Oba Hills Forest Reserve, Nigeria, Employing Multispectral Imagery and GIS. *Advances in Remote Sensing* Vol. 12, 123-144. (United States of America) (Contribution: 20%).
- *42 Oyediran, A. E. and **Akintunde-Alo, D. A.** (2023). Assessment of Vegetation Cover and Water Volume of Awba Dam Catchment Area of University of Ibadan using Unmanned Aerial Vehicle. *Forests and Forest Products Journal* 23: 01-13. (Nigeria) (Contribution: 60%).
- 43 Agbor, C.F., **Akintunde-Alo, D.A** and Ogunwale, O.R. (2024). Geospatial assessment of climate sensitivity in Ibarapa North, Oyo State, Nigeria *Journal of Agriculture and Environment* Vol. 20. No. 1: 361-370. (Nigeria) (Contribution: 40%).
- 44 **Akintunde-Alo, D.A.**, Onilude Q.A., Ige, P.O. and Adeoti, O.O. (2024). Stand growth, Biomass and Carbon Sequestration Potentials of *Parkia biglobosa* (Jacq.) Bench Plantation in South-Western Nigeria. *Journal of Applied Science and Environmental Management* Vol. 28 No. 4: 1297-1304. (Nigeria) (Contribution: 50%).
- 45 Banjo, O.B., **Akintunde-Alo, D.A.** and Ige, P.O. (2024). Optimising Sampling Design with Semivariogram for Vegetation Survey of Derived Savannah, Ogun State, Nigeria. *International Journal of Agriculture and Biological Sciences* Vol. 8: 9-19 (United Kingdom) (Contribution: 40%).
- 46 **Akintunde-Alo, D.A.**, Joy, A. and Komolafe, O.O. (2024). Assessment of land surface temperature and factors influencing urban green space dynamics in Sapele, Delta State of Nigeria. *Journal of Agriculture and Environment* Vol. 20. No. 1: 321-336. (Nigeria) (Contribution: 70%).
- 47 Israel, R; **Akintunde-Alo, D.A.**, Mshelia, Z.H. and Oluwajuwon, T.V. (2024). Geodatabase and Health Risk Assessment of Avenue Trees on Selected Roads in a

Tertiary Institution in Ibadan, Nigeria. *Journal of Applied Sciences and Environmental Management*. Vol. 28. No. 7: 2105-2114pp. (Nigeria) (Contribution: 25%).

- *48 Alegbeleye, O. M., Rotimi, Y. O., Shomide, P., Oyediran, A., Ogundipe, O. and **Akintunde-Alo, A.** (2024). Land use land cover (LULC) analysis in Nigeria: a systematic review of data, methods, and platforms with future prospects. *Bulletin of the National Research Centre (2024)* 48:127. <https://doi.org/10.1186/s42269-024-01286-z>. (Egypt) (Contribution: 20%).
- *49 Alegbeleye, O. M., Rotimi, Y. O., Oyediran, A., Shomide, P., and **Akintunde-Alo, D. A.** (2025). Multidecadal land cover changes: impacts on ecosystem service values in Nigeria. *Environ. Res. Commun.* Vol. 7(5). 1-18. <https://doi.org/10.1088/2515-7620/addba9> (USA) (Contribution: 20%).
- *50 Israel, R., **Akintunde-Alo, D.A.** and Oluwajuwon, T.V. (2025). Comparative evaluation of Landsat 9 vegetation indices for estimating urban forest biomass in the botanical garden of University of Ibadan, Nigeria. *Discov. For.* 1, 32. 1-26pp. <https://doi.org/10.1007/s44415-025-00031-2>
- *51 **Akintunde-Alo, D. A.**, Ayegboyin, M and Oyediran, A. E. (2025). Associated Drivers of Deforestation Dynamic in Opara Forest Reserve, Oyo State, Nigeria. *African Journal for the Psychological Study of Social Issues*. Vol. 28 (3). 90-105pp
- *52 Banjo, O.B., **Akintunde-Alo, D.A.**, Ige, P.O., (2025). Spatio-temporal analysis of vegetation dynamics in derived savannah, Ogun State, Nigeria from 2002 to 2023. *Turkish Journal of Forestry*, 26(2): 129-136. DOI: 10.18182/tjf.1473757

(g) Books, Chapters in Books and Articles already accepted for publications: Nil

(h) Technical Reports and Monographs:

- 53 Alo **A.A.** (2021). Demarcation of the Degraded Areas in Nine Forest Reserves for Afforestation in Ekiti State. 63pp. A Technical Report for Ekiti State Forestry Commission, Ado Ekiti, Nigeria. (Nigeria) (Contribution: 100%).

* *Articles published after last promotion*

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

- 1) The Seventh Biennial National Conference of Forests and Forest Products Society on Forest Production and Products in a Diversifying Economy for Sustainable Livelihood held at the University of Uyo, Uyo, Nigeria. 26th - 30th April, 2021.

Paper Read: Forested Landscape Dynamics in Saki-East Local Government Area of Oyo State, Nigeria.

- 2) American Geophysical Union Fall Meeting 2022 on What's next for Science held in McCormick Place Convention Center, Chicago, Illinois, 12-16 December 2022.

Paper Read: Spatio-Temporal Comparison of Slope-based and Tasseled cap vegetation indices with Land Surface Temperature for Deforestation analysis in Omo and Afi Forest Reserves.

- 3) PAN tropical investigation of bioGeochemistry and Ecological Adaptation (PANGEA) Scoping Workshop in Yaoundé, Cameroon, held between 21-22 of February, 2024. It focused on improving the understanding of heterogeneous tropical forest responses to climate change, with a research focus on carbon cycling, biodiversity, hydrology, land-atmosphere interactions, climate dynamics, and food security.

Paper Read: Feasibility Study on NASA Flight for Data Collection at the Coastal Region of Africa.

- 4) The 7th international Research Conference of the College of Humanities, University of Ghana on Bridging inequalities in a changing world: advancing inclusive growth, resilience, and sustainable natural resource management held in Cidi Conference Centre, Department of Economics, University of Ghana, Accra, Ghana, 13-15 August, 2025.

Paper Read: Groundwater Potentiality Mapping Towards Sustainable Water Management in Oke-Ogun Region of Oyo State, Nigeria Using Geo-Spatial Techniques.

XII Ten Best Publications that Reflect the Totality of my Contributions to Scholarship

1. Adekunle, V.A.J., **Alo, A.A.** and Adekayode, F.O. (2011). Yield and Nutrient Pools in Soils Cultivated with *Tectona grandis* and *Gmelina arborea* in Nigerian Rainforest Ecosystem. *Journal of the Saudi Society of Agricultural Sciences* Vol. 10. 127-135.
2. **Alo, A.A.**, Onyekwelu J.C. and. Akindele, S.O., (2011). Taper Equations for *Gmelina arborea* in Omo Forest Reserve, Southwestern Nigeria. *Journal of Applied Tropical Agriculture* Vol. 16. No 1&2: 120-127.
3. **Alo, A.A.**, Akindele, S.O. and. Onyekwelu, J.C. (2015). Development of Land Use Map of Eda Forest Reserve in Ekiti State, Nigeria. *Journal of Applied Tropical Agriculture* Vol. 20. No. 1: 19 – 23.
4. **Alo, A.A.** (2017). Development of Information System for Wood-Based Industries in Ekiti State, Nigeria. *International Research Journal of Environmental Sciences and Studies* Vol. 2 No. 2: 15-27.
5. **Alo, A.A.** and Nwatu, J.U. (2018). Modeling Urban Green Space Dynamics and Associated Proximate Drivers in Ibadan Metropolis, Ibadan, Nigeria. *Forests and Forest Products Journal* Vol. 18: 23-34.
6. Agbor, C.F., **Alo, A.A** and Aigbokhan, O.J. (2020). Geospatial Modeling of Forest Landscape Assessment: A Case Study From Ikere Forest Reserve. *Journal of Research in Forestry, Wildlife and Environment* Vol. 12. No. 2: 11-21.
7. **Alo A.A.**, Adetola A.A. and Agbor C.F. (2020). Modelling Forest Cover Dynamics in Shasha Forest Reserve, Osun State, Nigeria. *Journal of Agriculture and Environment* Vol. 16. No. 1: 129-142.
8. Jebiwott, A., Ogendi, G.M., Agbeja, B.O., **Alo, A.A.** and Kibet, R. (2021). Mapping the Trends of Forest Cover Change and Associated Drivers in Mau Forest, Kenya. *Remote Sensing Applications: Society and Environment* Vol. 23: 1-10.
9. **Alo, A. A.**, Agbor, C. F., Jebiwott, A., and Olubodun T. L. (2022). Spatial Distribution of Soil Moisture Content and Tree Volume Estimation in International Institute of Tropical Agriculture Forest, Ibadan, Nigeria. *Journal of Geoscience and Environment Protection* Vol. 10: 364-384.
10. **Akintunde-Alo, D.A.** and Komolafe, O.O. (2022). Geospatial Assessment of Akure Forest Reserve in Ondo State, Nigeria. *Forests and Forest Products Journal* Vol. 15: 01-13.

Project Executed

Period	Employing organization/your position/Project title/contact info for references,	Donor/ Client	Summary of activities performed relevant to the assignment
2025	Environmental impact assessment for the construction of Rigasa, Tudun Wada and Zaria township gully erosion control project in kaduna State Agro-Climatic Resilience In Semi-Arid Landscapes (Acresal)	World Bank	<ul style="list-style-type: none"> ✚ Conduct Environmental Impact of the erosion prone areas: Climate & Air Quality, Noise & Vibration, Soil & Geology, Water Resources, Surface Water, Groundwater, Ecology and Biodiversity, Flora- (Vegetation inventory, Loss of habitat and species, Impacts on threatened or endemic species), Ecosystems & Protected Areas ✚ Develop the shapfile of the routes and determine the right of way of the channelization of the water way ✚ Write the report for the study ✚ Determine the cut off date
			<ul style="list-style-type: none"> ✚ Conduct Environmental Impact of the erosion prone areas: Climate & Air Quality, Noise & Vibration, Soil & Geology, Water Resources, Surface Water, Groundwater, Ecology and Biodiversity, Flora- (Vegetation inventory, Loss of habitat and species, Impacts on threatened or endemic species), Ecosystems & Protected Areas ✚ Develop the shapfile of the routes and determine the right of way of the channelization of the water way ✚ Write the report for the study ✚ Determine the cut off date
2025	Environmental impact assessment for 55km rural feeder road rehabilitation in Ikenne zone and part of Abeokuta in Ogun State	World Bank	<ul style="list-style-type: none"> ✚ Conduct Environmental Impact of the erosion prone areas: Climate & Air Quality, Noise & Vibration, Soil & Geology, Water Resources, Surface Water, Groundwater, Ecology and Biodiversity, Flora- (Vegetation inventory, Loss of habitat and species, Impacts on threatened or endemic

Period	Employing organization/your position/Project title/contact info for references,	Donor/ Client	Summary of activities performed relevant to the assignment
	<i>Ogun State Economic Transformation Project</i>		<p>species), Ecosystems & Protected Areas</p> <ul style="list-style-type: none"> ✚ Develop the shapfile of the routes and determine the right of way of the channelization of the water way ✚ Write the report for the study ✚ Determine the cut off date
2025	<p>Land Use Land Cover of forest reserves in Ekiti State, Nigeria</p> <p>for Ekiti State Forestry Commission (EFC)</p>	EFC	<ul style="list-style-type: none"> ✚ Delineate the boundaries of 10 forest reserves in the state, ✚ Develop Land Use Land Cover Change for 30 year for all the forest reservers ✚ Carry out forest inventory for the forest reserves under investigation ✚ Develop digital elevation model for the forest reserves ✚ Predict the forest cover change in all the forest reserves for 2036 and 2050 ✚ Exermine the social factors associated with the forest reserve in the state and ✚ Develop a report for the LULC for the forest reserves
2025	<p>Environmental and social management plan for Prioritized gully erosion/flood control sites (Sabo – Ungwan Barde New Gully, Saminaka Gully, Dan Alhaji Gully, Hayin Dogo, kafanchan) in kaduna state</p>	European Investment Bank	<ul style="list-style-type: none"> ✚ Conduct Environmental Impact of the erosion prone areas: Climate & Air Quality, Noise & Vibration, Soil & Geology, Water Resources, Surface Water, Groundwater, Ecology and Biodiversity, Flora- (Vegetation inventory, Loss of habitat and species, Impacts on threatened or endemic species), Ecosystems & Protected Areas ✚ Develop the shapfile of the routes and determine the right of way of the channelization of the water way ✚ Write the report for the study ✚ Determine the cut off date

Period	Employing organization/your position/Project title/contact info for references,	Donor/ Client	Summary of activities performed relevant to the assignment
2024	Environmental Impact Assessment of 4 priority erosion prone area of Oyo State by the OYO NEWMAP	World Bank	<ul style="list-style-type: none"> ✚ Conduct Environmental Impact of the erosion prone areas: Climate & Air Quality, Noise & Vibration, Soil & Geology, Water Resources, Surface Water, Groundwater, Ecology and Biodiversity, Flora- (Vegetation inventory, Loss of habitat and species, Impacts on threatened or endemic species), Ecosystems & Protected Areas ✚ Develop the shapfile of the routes and determine the right of way of the channelization of the water way ✚ Write the report for the study ✚ Determine the cut off date
2024	Resettlement Action Plan (RAP) for Prioritized Gully Erosion/Flood Control Sites in Kaduna State. Kaduna State Agro- Climatic Resilience in Semi-Arid Landscapes (ACReSAL) Project	World Bank	<ul style="list-style-type: none"> ✚ Conduct Environmental Impact of the erosion prone areas: Climate & Air Quality, Noise & Vibration, Soil & Geology, Water Resources, Surface Water, Groundwater, Ecology and Biodiversity, Flora- (Vegetation inventory, Loss of habitat and species, Impacts on threatened or endemic species), Ecosystems & Protected Areas ✚ Develop the shapfile of the routes and determine the right of way of the channelization of the water way ✚ Write the report for the study ✚ Determine the cut off date
2024	Resettlement Action Plan for the 4 priority erosion prone area of Oyo State by the OYO NEWMAP	World Bank	<ul style="list-style-type: none"> ✚ Develop the shapfile of the route and determinethe right of way of the channelization of the water way ✚ Enumerate the Project Affected Persons (PAP) ✚ Determinethe cost of compensation accrue to the PAPs ✚ Determined the cost of RAP for the project

Period	Employing organization/your position/Project title/contact info for references,	Donor/ Client	Summary of activities performed relevant to the assignment
			<ul style="list-style-type: none"> ✚ Write the report for the study
2023 to 2024	<p>Carbon footprint, modeling carbon stock and facilitating carbon credit in Gashaka Gumti National Park, Taraba State Nigeria</p> <p><i>Team leader</i></p>	African Nature Investor	<ul style="list-style-type: none"> ✚ Geospatial Modeling of carbon Stock ✚ Estimation of carbon credit from the estimated carbon stock
2021 to 2024	<p>Establishment of a comprehensive rural water Supply and sanitation investment plan for Zone B (Ekiti Kogi, Kwara, Lagos, Ogun, Osun and Oyo States) Nigeria.</p> <p>Coordinator</p>	African Development Bank	<ul style="list-style-type: none"> ✚ Identification and georeferencing all the Water supply, Sanitation and Hygiene (WASH) facilities in all the rural communities in Zone B. ✚ mapping of all the Water supply, Sanitation and Hygiene (WASH) facilities in all the rural communities in Zone B ✚ Determining the gap in the WASH facilities in the zone ✚ Determining the cost implication of the gap identified in the zone ✚ Development of an investment plan for the zone ✚
2021 to 2022	<p>Unmanned Aerial Vehicle (UAV) based monitoring & evaluation, training and flood damage assessment mapping of areas in Ibadan city</p> <p><i>Team leader</i></p>	Word Bank	<ul style="list-style-type: none"> ✚ Development of training manual for the drone flight and image analysis from UAV ✚ Training the representatives of the MDAs on how to fly drones and capture images. ✚ Training of the participants on the analysis of images from UAV for land use land cover and flood damage assessment
2020 to 2021	Environmental Impact Assessment of the Proposed Jama'are River Regulation.	African Develop	<ul style="list-style-type: none"> ✚ Base Line Survey (Biophysical,) ✚ Environmental Impact Assessment (ESIA)

Period	Employing organization/your position/Project title/contact info for references,	Donor/ Client	Summary of activities performed relevant to the assignment
	Phase 1: Palliative Dam Construction Team Leader Hadejia Jama'are Komadugu Yobe Basin-Trust Fund project Dr. Festus Akinduni fakindunni@yahoo.ca	ment Bank	 Environmental development project design and implementation 
22018 to 2020	Environmental Impact Assessment of construction of 205 Km Mando– Rimin-Zakara 330kV DC Quad conductors Transmission Line. Team leader TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca>	African Development Bank/ TCN	 Base Line Survey (Biophysical,)  Environmental Impact Assessment (ESIA)  Environmental development project design and implementation 
22018 to 2020	Environmental Impact Assessment of re-construction of 107 Km Benin – Delta 330kV SC to DC to Quad conductors with installations of associated equipment at their corresponding substations. Team leader TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca>	African Development Bank/ TCN	 Base Line Survey (Biophysical,)  Environmental Impact Assessment (ESIA)  Environmental development project design and implementation

Period	Employing organization/your position/Project title/contact info for references,	Donor/ Client	Summary of activities performed relevant to the assignment
22018 to 2020	<p>Environmental Impact Assessment of re-construction of 183Km Alaoji – Ihiala – Onitsha 330kV SC to DC to Quad conductors with installation of associated equipment at their corresponding substations.</p> <p>TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca></p>	African Development Bank/ TCN	<ul style="list-style-type: none"> ✚ Base Line Survey (Biophysical,) ✚ Environmental Impact Assessment (ESIA) ✚ Environmental development project design and implementation
22018 to 2020	<p>Resettlement Action Plan for the construction of 203 Km Mando – Kumbotso 330kV DC Quad conductors Transmission Line.</p> <p>Team leader TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca></p>	African Development Bank/ TCN	<ul style="list-style-type: none"> ✚ Base Line Survey () ✚ Relocation Action Plan (RAP) ✚ Social Impact Assessment (SIA) ✚ Social development project design and implementation
22018 to 2020	<p>Environmental Impact Assessment of construction of Turn-in/Turn- out on the existing 330kV SC Kaduna – Kano Transmission Line at the proposed 330/132kV Substation in Zaria.</p> <p>Team leader TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca></p>	African Development Bank/ TCN	<ul style="list-style-type: none"> ✚ Conduct Environmental Impact of the erosion prone areas: Climate & Air Quality, Noise & Vibration, Soil & Geology, Water Resources, Surface Water, Groundwater, Ecology and Biodiversity, Flora- (Vegetation inventory, Loss of habitat and species, Impacts on threatened or endemic species), Ecosystems & Protected Areas ✚ Develop the shapfile of the routes and determine the right of way of the channelization of the water way ✚ Write the report for the study Determine the cut off date
22018 to 2020	<p>Resettlement Action Plan for the construction of Turn-in and out on the existing 330kV SC Mando-Kumbotso line at the</p>	African Development	<ul style="list-style-type: none"> ✚ Conduct Environmental Impact of the erosion prone areas: Climate & Air Quality, Noise & Vibration, Soil & Geology, Water Resources, Surface

Period	Employing organization/your position/Project title/contact info for references,	Donor/ Client	Summary of activities performed relevant to the assignment
	<p>proposed 132/33kV substation in Jaji</p> <p>Team leader TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca></p>	Bank/ TCN	<p>Water, Groundwater, Ecology and Biodiversity, Flora- (Vegetation inventory, Loss of habitat and species, Impacts on threatened or endemic species), Ecosystems & Protected Areas</p> <ul style="list-style-type: none"> ✚ Develop the shapfile of the routes and determine the right of way of the channelization of the water way ✚ Write the report for the study Determine the cut off date
22018 to 2020	<p>Resettlement Action Plan for the construction of 9Km Tee-off on the existing Kaduna – Jos 330kV SC Transmission line at the proposed 330/132/33kV substation in Millennium City.</p> <p>Team leader TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca></p>	African Development Bank/ TCN	<ul style="list-style-type: none"> ✚ Base Line Survey () ✚ Relocation Action Plan (RAP) ✚ Social Impact Assessment (SIA) ✚ Social development project design and implementation
22018 to 2020	<p>Resettlement Action Plan for the construction of 2Km Tee-off on the existing 132kV DC Kaduna town transmission substation at the proposed 132/33kV Rigasa.(green field s/s).</p> <p>Team leader TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca></p>	African Development Bank/ TCN	<ul style="list-style-type: none"> ✚ Base Line Survey () ✚ Relocation Action Plan (RAP) ✚ Social Impact Assessment (SIA) ✚ Social development project design and implementation
2018-to date	<p>Resettlement Action Plan for the re-construction of 107Km Benin – Delta 330kV SC to DC to Quad conductors with installations of associated</p>	African Development Bank/ TCN	<ul style="list-style-type: none"> ✚ Base Line Survey () ✚ Relocation Action Plan (RAP) ✚ Social Impact Assessment (SIA) ✚ Social development project design and implementation

Period	Employing organization/your position/Project title/contact info for references,	Donor/ Client	Summary of activities performed relevant to the assignment
	<p>equipment at their corresponding substation</p> <p>Team leader TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca></p>		
2018 to 2020	<p>Resettlement Action Plan for the re-construction of 183Km Alaoji – Ihiala – Onitsha 330kV SC to DC to Quad conductors with installation of associated equipment at their corresponding substations</p> <p>TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca></p>	African Development Bank/ TCN	<ul style="list-style-type: none"> ✚ Base Line Survey ✚ Relocation Action Plan (RAP) ✚ Social Impact Assessment (SIA) ✚ Social development project design and implementation ✚
2018-2019	<p>Environmental Impact Assessment of construction of Turn-in/Turn-out on the existing 330kV SC Kaduna – Kano Transmission Line at the proposed 330/132kV Substation in Zaria.</p> <p>Team leader TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca></p>	African Development Bank/ TCN	<ul style="list-style-type: none"> ✚ Base Line Survey (Biophysical) ✚ Environmental Impact Assessment (ESIA) ✚ Environmental development project design and implementation ✚
2018-2019	<p>Environmental Impact Assessment of construction of Turn-in and out on the existing 330kV SC Mando-Kumbotso line at the proposed 132/33kV substation in Jaji</p> <p>Team leader</p>	African Development Bank/ TCN	<ul style="list-style-type: none"> ✚ Base Line Survey (Biophysical) ✚ Environmental Impact Assessment (ESIA) ✚ Environmental development project design and implementation

Period	Employing organization/your position/Project title/contact info for references,	Donor/ Client	Summary of activities performed relevant to the assignment
	TCN/Geomatics Project Dr. Festus Akinduni fakindunni@yahoo.ca>		
2018-2019	Environmental Impact Assessment of construction of 9Km Tee-off on the existing Kaduna – Jos 330kV SC Transmission line at the proposed 330/132/33kV substation in Millennium City <i>Team leader.</i> TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca>	African Development Bank/ TCN	<ul style="list-style-type: none"> ✚ Base Line Survey (Biophysical) ✚ Environmental Impact Assessment (ESIA) ✚ Environmental development project design and implementation
2018-2019	Environmental Impact Assessment of construction of 2Km Tee-off on the existing 132kV DC Kaduna town transmission substation at the proposed 132/33kV Rigasa.(green field s/s). <i>Team leader</i> TCN/Geomatics Project Dr. Festus Akindunni fakindunni@yahoo.ca>	African Development Bank/ TCN	<ul style="list-style-type: none"> ✚ Base Line Survey (Biophysical) ✚ Environmental Impact Assessment (ESIA) ✚ Environmental development project design and implementation
2019	FAO: Forest cover analysis of African Development Bank/ TCN by Forest Reference Emission Level (FREL) using System for Earth observation, data access Processing and Analysis for Land monitoring (SEPAL). <i>Team Member</i>	FAO	<ul style="list-style-type: none"> ✚ Environmental development project design and implementation

Period	Employing organization/your position/Project title/contact info for references,	Donor/ Client	Summary of activities performed relevant to the assignment
2019	NCF: Monitoring and Evaluation of impact of British America Tobacco on the Tobacco farmers in Oyo State, African Development Bank/ TCN. <i>Team Member</i>	BAT	 Environmental development project design and implementation