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Block B, Plot 7, Abepe Layout
Off Grace Bible Mission Street
Oke Onitea, Osogbo
Osun State

RESEARCH PROFILE

Google Scholar: <https://scholar.google.com/citations?user=NwLog7kAAAAJ>

ResearchGate: <https://www.researchgate.net/profile/Emmanuel-Odediran>

ORCID ID: <https://orcid.org/0000-0001-8677-0644>

LinkedIn: <https://www.linkedin.com/in/emmanuel-toluwalope-odediran-ph-d-r-engr-coren-3a614031/>

OpenAlex: <https://openalex.org/works?page=1&filter=authorships.author.id:a5049814060>

RESEARCH INTEREST

Air Quality Monitoring, Sensing and Exposure Science
Atmospheric Chemistry, Air Pollution Modelling and Forecasting
Environmental Nanotechnology for Pollution Control and Remediation
Environmental Health Risk Assessment
Chemical Reaction Engineering
Climate Change, Air Quality and Urban Resilience
Sustainable Environmental Systems and Atmospheric Pollution Management

EDUCATION

- | | | |
|--------------|--|---------------|
| PhD | University of Ilorin, Nigeria, Chemical Engineering
Dissertation: Assessment and Emission Control of Traffic
Related Air Pollutants in an Urban Environment
Advisor: Professor Rafiu Yusuf and Professor Jamiu Adeniran | October 2023 |
| MSc | University of Lagos, Nigeria, Chemical Engineering
Thesis: Software Development for Clarifier Design
Advisor: Professor Akinjide Akinola and Dr. Ayo Daniel | February 2015 |
| BTech | Ladoke Akintola University of Technology
Nigeria, Chemical Engineering
Thesis: Drying of Natural Gas- A Computer Aided Approach
Advisor: Dr. Oluseye Agbede | November 2008 |

WORK/RESEARCH EXPERIENCE

- | | |
|---|----------------|
| Lecturer & Researcher
Chemical Engineering Department
Osun State University, Nigeria | 2024 - Present |
| Doctoral & Postdoctoral Fellow
University of Ilorin, Nigeria | 2018 - Present |

Assessment and Emission Control of Traffic Related Air Pollutants in an Urban Environment

Supervisors: Professor Rafiu Yusuf and Professor Jamiu Adeniran

- determined ambient concentrations and exposure risks of gaseous pollutants and particulate matter (PM) at major traffic intersections (TIs) of an urban environment
- determined concentrations and exposure risks of potentially toxic elements (PTEs) and polycyclic aromatic hydrocarbons (PAHs) in road dusts at the major TIs
- Assessed the ecological and human health risks of selected particulate sizes and gaseous pollutants
- Carried out the source apportionment of PTEs and PAHs at TIs using positive matrix factorization (PMF) model
- Carried out backward trajectories of air masses arriving at the study area (Ibadan)
- modelled the dispersion of TRAPS on the receptor environment using AERMOD
- developed nanoparticles–modified adsorbent for post-combustion products capture (PCPC) of vehicle exhaust
- evaluated the performance of developed PCPC chamber for vehicle exhaust capture.
- Supervised bachelors and masters students

Research Assistant

Environmental Engineering Research Laboratory

2016-2018

Department of Chemical Engineering, Ladoke Akintola University of Technology, Ogbomoso, Oyo State, Nigeria

Advisor Name: Professor Lukuman Jimoda

- Performed emission inventory of Criteria Air Pollutants from a Seaport in Southwestern Nigeria
- Performed characterization, inventory and health risk assessment of emissions from Marijuana and Cigarette brands in Nigerian Market.

Graduate Student

University of Lagos, Nigeria

2012-2015

Software Development for Clarifier Design

Supervisors: Professor Akinjide Akinola and Dr. Ayo Daniel

- Developed algorithm for primary circular clarifier
- Validated the developed algorithm using operational data of existing water treatment plant
- Wrote computer program for the developed algorithm using Matlab and Microsoft FoxPro
- Designed a Graphical User Interface (GUI) for the developed clarifier design software

OTHER WORK EXPERIENCE

Head, Engineering and Standards Department, October 2021- December 2024
Osun State Water Regulatory Commission,
State Secretariat, Osogbo

Chief Technical Assistant April 2014- October 2021
(Water Supply and Sanitation Projects),
European Union-Water Supply and Sanitation Sector Reform
Programme (EU-WSSSRP) II, Office of Water Resources, Rural
Development and Community Affairs Osun State

Community Facilitator, FADAMA III Project March 2013 – April, 2014
A World Bank Assisted Project in Partnership with the Federal, State
and 20 Local Governments in Osun State

Research and Development January 2011 – February 2013
Engineer/Technical Competence Trainer,
IT Edge Projects Limited, Lagos State

Process Engineer Trainee March 2007 – October 2007
Fluid Catalytic Cracking Unit (Fuels), Kaduna Refinery & Petro-
Chemical Company, Kaduna (a subsidiary of Nigerian National
Petroleum Corporation).

HONOURS AND AWARDS

ECR-IGAC-iCACGP Committee Research Grant Award April 2026
(USD 1,000).

Awarded by the International Global Atmospheric Chemistry
(IGAC) Project Early Career Researcher (ECR) Development
Programme. Project Title: Assessment of Particulate and
Gaseous Emissions from Informal Economic Sectors in Nigeria
and Implications for Exposure and Health Risk.

Chemical Engineering Department Graduate Award 2023

Chemical Engineering Department, University of Ilorin, Nigeria
as First PhD Graduate

Soladoye Scholarship Graduate Award 2013

The award was a one-time payment of 150,000 naira to support postgraduate
research

Osun State Government Scholarship Undergraduate Award 2007

The award was a one-time payment of 20,000 naira to support undergraduate
thesis

TEACHING EXPERIENCE

Osun State University, Nigeria December 2024 - Present
Lecturer II/Researcher, Department of Chemical Engineering
Course(s) Taught: Transport Phenomena I (CHE 301), Transport Phenomena II

(CHE 401), Process Control and Instrumentation (CHE 504), Process Optimization (CHE 506), Chemical Engineering Fundamentals (TCH 201), Statistics for Chemical Engineers (TCH 206), Fundamentals of Engineering Thermodynamics (GET 206)

University of Ilorin, Nigeria

October 2018 - December 2024

Teaching/Research Assistant, Department of Chemical Engineering

Course(s) Taught -Environmental Engineering (CHE 801)

University of Lagos, Nigeria

October 2012 - January 2015

Research Assistant, Department of Chemical Engineering

Taught undergraduate students' practical courses.

PUBLICATIONS

Journal Publications

1. Ameen, H. A., Joseph, E. E., **Odediran, E. T.**, Abdulraheem, M. O., & Adeniran, J. A. (2026). Contamination levels, health risks and source apportionment of in-vehicle and park dusts potentially toxic elements (PTES) in Abuja, Nigeria. *Journal of Air Pollution and Health*, 11(1), 1-24. <https://doi.org/10.18502/japh.v11i1.21266> [Publisher: **Tehran University of Medical Sciences (TUMS)**] [Offshore].
2. Awofolaju, T. T., Lasisi, H. O., Adeagbo, F. M., **Odediran, E. T.**, Fadairo, H. A., & Ogunbode, I. (2026). Development of IoT-based air quality monitoring system for environmental sustainability. *Uniosun Journal of Engineering and Environmental Sciences (UJEES)*, 8(1), 172–176. <https://doi.org/10.64980/ujees.v8i1.016> [Publisher: **Faculties of Engineering and Environmental Sciences, Osun State University**] [Onshore].
- 3.
4. Adeniran, J. A., **Odediran, E. T.**, Ogunlade, B. T., Adeagbo, T. O., Akanbi, O. F., & Adesina, O. A. (2025). Polycyclic Aromatic Hydrocarbons (PAHs) in Urban Park Dusts from Lagos, Nigeria: Pollution levels, Sources and Exposure Implications. *International Journal of Environmental Research*, 19(3), 1-19. <https://doi.org/10.1007/s41742-025-00740-8> [Publisher: **Springer Nature**] [Offshore].
5. Adeniran, J. A., Jimoh, B. F., Atanda, A. S., Adewoye, T. L., Yusuf, M. N. O., Abdulraheem, K. A., & **Odediran, E. T.** (2025). Polychlorinated biphenyls (PCBs) from common cooking fuels in Nigeria. *Journal of Occupational and Environmental Hygiene*, 1-9. <https://doi.org/10.1080/15459624.2024.2443196> [Publisher: **Taylor and Francis Group, UK**] [Offshore].
6. Okedere, O. B., Bewaji, A. K., **Odediran, E. T.**, Ibiyemi, P. O., & Awosika, B. S. (2024). Plastic Waste Management in Nigeria: Pollution Impacts and Energy Recovery Potential. *Adeleke University Journal of Engineering and Technology*, 7(2), 250-264. [Publisher: **Faculty of Engineering, Adeleke University, Ede**] [Onshore].
7. **Odediran, E. T.**, Adeniran, J. A., & Yusuf, R. O. (2024). Assessment of seasonal variations in vehicular emissions at traffic intersections in Ibadan using Aermol dispersion model. *Environmental Quality Management*, 1–15. <https://doi.org/10.1002/tqem.22215> [Publisher: **Wiley**] [Offshore].
8. Adeniran, J. A., Ogunlade, B. T., **Odediran, E. T.**, Yusuf, R. O., & Sonibare, J. A.

- (2024). Polycyclic aromatic hydrocarbons within the vicinity of a scrap-iron smelting plant: indoor-outdoor and seasonal pattern, source, and exposure risk assessment. *International Journal of Environmental Health Research*, 1-19. <https://doi.org/10.1080/09603123.2024.2431228> [Publisher: Taylor and Francis Group, UK] [Offshore].
9. Ogunlade, B. T., Adeniran, J. A., Abdulraheem, K. A., **Odediran, E. T.**, Atanda, A. S., Oyeneye, A. K., Akapo R.A. & Yusuf, R. O. (2024). Heavy metals analysis in the vicinity of a Northcentral Nigeria major scrap-iron smelting plant. *International Journal of Environmental Research*, 18(6), 1-16. <https://doi.org/10.1007/s41742-024-00657-8> [Publisher: Springer Nature] [Offshore].
 10. Adeniran, J. A., **Odediran, E. T.**, Ogunlade, B. T., Adeagbo, T. O., Akanbi, O. F., & Adesina, O. A. (2024). Assessment of the Pollution Levels, Sources, and Exposure Risks of Polychlorinated Biphenyls (PCBs) in Urban Park Dusts within Lagos Metropolis. *Environmental Quality Management*, 34(1), <https://doi.org/10.1002/tqem.22275> [Publisher: Wiley] [Offshore].
 11. Adeniran, J. A., Ogunlade, B. T., Abdulraheem, K. A., **Odediran, E. T.**, Atanda, A. S., Oyeneye, A. K., & Yusuf, R. O. (2023). Concentration and sources of persistent organic pollutants within the vicinity of a scrap-iron smelting plant: Seasonal pattern and health risk assessment. *Journal of Environmental Science and Health, Part C*, 42(1), 16-32. <https://doi.org/10.1080/26896583.2023.2286863> [Publisher: Springer Nature] [Offshore].
 12. Adeniran, J. A., Jimoh, B. F., Atanda, A. S., Adewoye, L. T., Yusuf, M. N. O., Abdulraheem, K. A., **Odediran, E. T.** & Adesina, O. A. (2023). Health Risk Assessment of Polycyclic Aromatic Hydrocarbons from Cooking Fuels burning in Nigeria. *Polycyclic Aromatic Compounds*, 1-16. <https://doi.org/10.1080/10406638.2023.2201459> [Publisher: Taylor and Francis Group, UK] [Offshore].
 13. **Odediran, E. T.**, Adeniran, J. A. & Yusuf R.O. (2023). Seasonal variation and health risks of particulates at and around traffic hotspots in Ibadan -a model African metropolis. *Journal of the Nigerian Society of Chemical Engineers*, 38(1), 30-39. DOI: [10.51975/23380101](https://doi.org/10.51975/23380101) [Publisher: Nigerian Society of Chemical Engineers, Nigeria] [Onshore].
 14. Abdulraheem, K. A., Adeniran, J. A., Aremu, A. S., Yusuf, M. N. O., Yusuf, R. O., **Odediran, E. T.**, Sonibare J. A. & Du, M. (2023). Quantifications and predictions of sectoral pollutants emissions in Nigeria from 1980 to 2050. *Environmental Monitoring and Assessment*, 195(3), 398. <https://doi.org/10.1007/s10661-022-10872-5> [Publisher: Springer Nature] [Offshore].
 15. Yusuf, R.O., **Odediran, E. T.**, Adeniran, J. A., & Adesina, O.A. (2022). Polycyclic aromatic hydrocarbons in road dusts of a densely populated African city: spatial and seasonal distribution, source, and risk assessment. *Environmental Science and Pollution Research*, <https://doi.org/10.1007/s11356-022-18943-3> [Publisher: Springer Nature] [Offshore].
 16. **Odediran, E. T.**, Yusuf, O., & Adeniran, A. (2022). Impacts of Covid-19 Lockdown on Concentration Levels of Traffic-Related Air Pollutants in Ibadan-a West African City. *Nigerian Journal of Technological Development*, 19(3), 206-222. <https://doi.org/10.4314/njtd.v19i3.3> [Publisher: Faculty of Engineering and Technology, University of Ilorin, Ilorin] [Onshore].

17. Abdulraheem, M. O., Adeniran, J. A., Ameen, H. A., **Odediran, E. T.**, Yusuf, M. N. O., & Abdulraheem, K. A. (2022). Source identification and health risk assessments of heavy metals in indoor dusts of Ilorin, North central Nigeria. *Journal of Environmental Health Science and Engineering*, 1-16. <https://doi.org/10.1007/s40201-021-00778-8> [Publisher: Springer Nature] [Offshore].
18. Yusuf, R. O., Tihamiyu, A. O., Adeniran, J. A., & **Odediran, E. T.** (2022). Modelling of ground level concentration of particulate matter in major Nigerian university airshed. *Lautech Journal of Engineering and Technology (LAUJET)*, 16(1), 40-51. [Publisher: Faculty of Engineering and Technology, Ladoke Akintola University of Technology, Ogbomoso, Nigeria] [Onshore].
19. Yusuf, R.O., Tihamiyu, A.O., Adeniran, J.A., Yusuf, M-N.O., **Odediran, E. T.**, Atanda, S.A. (2022). Evaluation of The Impact of Anthropogenic Emissions on a University's Airshed. *Lautech Journal of Civil and Environmental Studies (LAUJOCES)*, 8 (1), 75-91. <https://doi.org/10.36108/laujoces/2202.80.0190> [Publisher: Department of Civil Engineering, Ladoke Akintola University of Technology, Ogbomoso, Nigeria] [Onshore].
20. Yusuf, R.O., Adeniran, J.A., Aribidesi R., Yusuf, M-N.O., **Odediran, E.T.**, Atanda, S.A. (2022). Air Quality Pattern and Concentrations of Potentially Toxic Elements (PTEs) Around Major Markets in Ilorin, Nigeria. *Lautech Journal of Civil and Environmental Studies (LAUJOCES)*, 8 (1), 61-74. <https://doi.org/10.36108/laujoces/2202.80.0180> [Publisher: Department of Civil Engineering, Ladoke Akintola University of Technology, Ogbomoso, Nigeria] [Onshore].
21. Adeniran, J. A., Abdulraheem, M. O., Ameen, H. A., **Odediran, E. T.**, & Yusuf, M. N. O. (2021). Source identification and health risk assessments of polycyclic aromatic hydrocarbons in settled dusts from different population density areas of Ilorin, Nigeria. *Environmental Monitoring and Assessment*, 193(12). <https://doi.org/10.1007/s10661-021-09566-1> [Publisher: Springer Nature] [Offshore].
22. **Odediran, E.T.**, Adeniran, J.A., Yusuf, R.O., Abdulraheem, K.A., Adesina, O.A., Sonibare, J.A. and Du, M. (2021). Contamination Levels, Health Risks and Source Apportionment of Potentially Toxic Elements in Road Dusts of a Densely Populated African City. *Environmental Nanotechnology, Monitoring & Management*, 100445. <https://doi.org/10.1016/j.enmm.2021.100445> [Publisher: Elsevier, Netherlands] [Offshore].
23. Abdulraheem, K. A., Aremu, A. S., Adeniran, J. A., Yusuf, M. N. O., **Odediran, E.T.**, Ismail, A., Sonibare, J. A. (2021). Effects of Grassland Fire on Selected Properties of Soil in the Savannah Region of Nigeria. *LAUTECH Journal of Civil and Environmental Studies (LAUJOCES)* 6(2), 14-23. <https://doi.org/10.36108/laujoces/1202.60.0220> [Publisher: Department of Civil Engineering, Ladoke Akintola University of Technology, Ogbomoso, Nigeria] [Onshore].
24. Adeniran, J.A., Mohammed, I.A., Muniru, O.I., Oloyede, T., Sonibare, O.O., Yusuf, M.N.O., Abdulraheem, K.A., **Odediran, E.T.**, Yusuf, R.O. and Sonibare, J.A. (2021). Indoor transmission dynamics of expired SARS-CoV-2 virus in a model African hospital ward. *Journal of Environmental Health Science and Engineering*, 19, 331–341 (2021). <https://doi.org/10.1007/s40201-020-00606-5> [Publisher: Springer Nature] [Offshore].

25. Adeleye, A. T., Odoh, C. K., Enudi, O. C., Banjoko, O. O., Osigbeminiyi, O. O., **Odediran E.T.**, & Louis, H. (2020). Sustainable synthesis and applications of polyhydroxyalkanoates (PHAs) from biomass. *Process Biochemistry* (Elsevier), 96, 174-193. <https://doi.org/10.1016/j.procbio.2020.05.032> [Publisher: Elsevier, Netherlands] [Offshore].
26. Jimoda L.A., **Odediran E.T.**, Adeniran J.A., Ayandiran A.A. and Latinwo G.K. (2017). Rigidity Modulus of Some Flexible Polyurethane Foams in Nigerian Market. *Nigerian Journal of Scientific Research (NJSR)*, 17(3), 364-371 [Publisher: Faculty of Science, Ahmadu Bello University, Zaria, Nigeria] [Onshore].
27. Jimoda L.A., **Odediran E.T.**, Adebajo S.A., Ojetunji O. E. and Lawal O. L. (2017). Emission Inventory of Criteria Air Pollutants from a Seaport in Southwestern Nigeria. *Nigerian Journal of Scientific Research (NJSR)*, 16(1), 21-27 [Publisher: Faculty of Science, Ahmadu Bello University, Zaria, Nigeria] [Onshore].
28. Jimoda L.A., **Odediran E.T.**, Adeniran J.A. and Ayandiran A.A. (2016). Experimental Investigation of Fouling Characteristics of Diesel Oil. *Ife Journal of Science*, 18(3), 721-728 [Publisher: Faculty of Science, Obafemi Awolowo University, Ile-Ife, Nigeria] [Onshore].
29. **Odediran E.T.**, Ayo D.B. and Akinola A.A. (2013). Computer Aided Design of Circular Clarifiers. *Journal of Nigerian Society of Chemical Engineers*, 28(1), 98-105. [Publisher: Nigerian Society of Chemical Engineers, Nigeria] [Onshore].

Published Conference Proceedings/Presentations

- i. Adeniran J.A., Yusuf R. O., Aremu N. G., Atanda A. S., **Odediran E. T.** (2024). Modeling of criteria air pollutant emissions in and around cassava granules processing in Oyo State, Nigeria. *2nd Faculty of Engineering and Technology Conference (FETiCON 2024)*, Jun. 2 - 6, 2024, University of Ilorin, Nigeria.
- ii. Adeniran J.A., Oyeneye A.K., Abdulraheem K.A., **Odediran E. T.**, Atanda S. A., Ogunlade B. T. (2024). concentration levels and health implications of polycyclic aromatic hydrocarbons (pahs) in mainstream smokes from cigarette and marijuana. *2nd Faculty of Engineering and Technology Conference (FETiCON 2024)*, Jun. 2 - 6, 2024, University of Ilorin, Nigeria.
- iii. **Odediran E.T.**, Adeniran J.A. and Yusuf R.O. (2023). Seasonal variation and health risk assessment of gaseous and particulate pollutants around traffic hotspots of a densely populated African city. *1st Faculty of Engineering and Technology Conference (FETiCON 2023)*, Jun. 5 - 7, 2023, University of Ilorin, Nigeria.
- iv. Adeniran J. A., Ogunlade B. T., Oyeneye A. K., **Odediran E. T.**, Atanda S. A. (2023). Development and characterization of sawdust/prosopis africana leaf silver-zinc nanoporous adsorbent. *1st Faculty of Engineering and Technology Conference (FETiCON 2023)*, Jun. 5 - 7, 2023, University of Ilorin, Nigeria.
- v. Adeniran J.A., Oyeneye A.K., Ogunlade B. T., **Odediran E. T.**, Atanda S. A. (2023). Development and characterization of nanoporous adsorbent from agricultural waste. *1st Faculty of Engineering and Technology Conference (FETiCON 2023)*, Jun. 5 - 7, 2023, University of Ilorin, Nigeria.

- vi. **Odediran E.T.**, Adeniran J.A. and Yusuf R.O. (2022). Seasonal variation and Health Risks of Particulates at and around Traffic Hotspots in Ibadan-A Model African Metropolis. *52nd International Annual Conference of the Nigerian Society of Chemical Engineers (NSChe)*. Ilorin, Kwara State, Nigeria. November 10 – 12, 2022.
- vii. **Odediran E.T.**, Adeniran J.A. and Yusuf R.O. (2021). Seasonal variation in concentration levels of gaseous pollutants in a model urban environment in sub-Saharan Africa. *Humboldt-Kolleg International Conference, Ogbomoso 2021, June 29 – July 02, 2021*.
- viii. **Odediran E.T.**, Adeniran J.A. and Yusuf R.O. (2021). PM_{2.5} pattern around major intra-urban busy roads in Ibadan, *National Virtual Conference on “Sustainable Technology and Development – Environmental Impacts” (STDEI-2021) organized by the Department of Chemistry, KL University Hyderabad, India, 22nd-23rd February, 2021*.

Other Conferences/Workshops/Trainings Attended

- i. Selected among United Nations Environmental Programme (UNEP) sponsored 8 Nigerian Scientists at the Satellite Atmospheric Data Validation and Application for Africa Workshop (SATVA 2025) held between 14–18 April, 2025 at University Mohammed VI Polytechnic, Ben Guerir, Morocco, organized by BIRA-IASB, Clean Air Task Force, UNEP IMEO, and EO-AFRICA R&D Facility.
- ii. Nigeria Methane Emissions Reduction Pilot Programme (NiMERP) Baseline Study Planning Workshop hosted by Queen Mary University of London for Oil & Gas, Waste, Livestock and Agriculture Sectors, held between February, 4-5, 2025 at Reiz Continental Hotel, Abuja. Organized and Funded by United Nations Environmental Programme (UNEP) and European Union (EU). Selected among 20 academic scientists from Nigeria to participate in research planning and creation of a framework for effective scientific collaboration on Methane Emission Reduction.
- iii. Osun State Delegate at Lagos International Water Conference (LIWAC 5.0) on "Financing Water and Sanitation for Greater Lagos". June 25-26, 2024, Eko Hotels & Suites, Victoria Island, Lagos *organized by Lagos State Water Regulatory Commission (LASWARCO)*.

Monographs/ Technical Reports

- i. **Odediran E.T.** and Adeniran J. A., (2026). Air Dispersion Modelling of Baseline and Multi Scenario Low Emission Zone (LEZ) Interventions (Chapter 3). In Feasibility Study for the Implementation of a Low Emission Zone (LEZ) in Lagos State. Technical consultancy report prepared for Ampak Nigeria Limited, Ikeja, Lagos, Nigeria, as part of the consultancy undertaken for C40 Cities Climate Leadership Group, Inc., New York, United States of America, in collaboration with the Lagos State Ministry of Environment and Water Resources (MOE&WR) and the Lagos State Environmental Protection Agency (LASEPA).

- ii. Adeniran J. A., **Odediran E.T.**, Tijani I. A., Abdulkareem K. and Yusuf M.N. (2021). Environmental Assessment Report: Junction Improvement Works Challenge-Felele/Idi Odo Junctions. Prepared for Planet Project Limited, Ikeja, Lagos state, Nigeria. January, 2021.
- iii. Adeniran J. A., **Odediran E.T.**, Tijani I. A., Abdulkareem K. and Yusuf M.N. (2020). Environmental Assessment Report on the installation of smart led street lights along some strategic locations in Oyo State. Prepared for LedCo Allied Enterprise, Ilupeju, Lagos, Nigeria. November, 2020.
- iv. Adeniran J. A., **Odediran E.T.**, Tijani I. A., Abdulkareem K. and Yusuf M.N. (2020). Environmental and Social Impact Assessment Project Report for the proposed integrated poultry production at valentine chickens (4000 ha) at Shonga Village, Kwara State. Prepared for Stanbic IBTC Bank, Ibadan, Oyo state, Nigeria. September, 2020.
- v. Adeniran J. A., **Odediran E.T.**, Tijani I. A., Abdulkareem K. and Yusuf M.N. (2020). Environmental and Social Impact Assessment Project Report for the Construction of Modern Bus Terminals at Iwo Road, New Ife-Road, Ojoo and Challenge Areas of Ibadan. Prepared for Oyo State Department of Housing and Urban Development, Ministry of Works and Transport, Ibadan, Oyo state, Nigeria. June 2020.
- vi. Adeniran J. A., **Odediran E.T.**, Tijani I. A., Abdulkareem K. and Yusuf M.N. (2019). Environmental and Social Impact Assessment Project Report for the Construction and Rehabilitation of Moniya-Iseyin Road in the Oke-Ogun Metropolitan Area of Oyo State. Prepared for State Department of Housing and Urban Development, Ministry of Works and Transport, Ibadan, Oyo state, Nigeria. December 2019.
- vii. **Odediran E. T.**, Adegbenle K. A., Shutti A. A., Hamzat A. A. (2017). Environmental Impact Assessment Report of Inisha/Igbaye Mini-Water Supply and Sanitation Project. Prepared for European Union-Water Supply and Sanitation Sector Reform Programme (EU-WSSSRP) II. Osun State, Nigeria. March 2017.
- viii. **Odediran E.T.** (2016) Emission Inventory of Criteria Air Pollutants from Generators in Lautech and Its Environment.

PROFESSIONAL CERTIFICATION

Registered Engineer with Council for Regulation of Engineering in Nigeria (COREN)- Registration number-R58,297	2020-Present
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PROFESSIONAL AFFILIATIONS

Member, Nigerian Society of Engineers (MNSE)	2008-Present
Member, Nigerian Society of Chemical Engineers (MNSChE)	2008-Present

PROFESSIONAL SERVICE

Peer-Reviewed Article(s) for:

- Nigerian Journal of Technological Development (*NJTD*)

- UNIOSUN Journal of Engineering and Environmental Sciences (UJEES)
- Discover Applied Sciences (*Springer Nature*)
- Environmental Sciences Europe (*Springer Nature*)
- Environmental Monitoring and Assessment (*Springer Nature*)
- Water, Air, & Soil Pollution (*Springer Nature*)

LANGUAGES

English: Native Language, Distinguished levels in Listening, Speaking, Reading, and Writing.

Yoruba: Native Language, Distinguished levels in Listening, Speaking, Reading, and Writing.

OTHER SKILLS AND COMPETENCES

AspenHysys, AERMOD, HYSPLIT, ArcGIS, EPA PMF 5.0, Microsoft Office Suite, Originlab, Python Programming.

OTHERS ACTIVITIES

Singing, Playing Guitar/Piano, Reading

REFERENCES

1. Professor J. A. Sonibare

Department of Chemical Engineering,
Obafemi Awolowo University,
Ile-Ife, Osun State, Nigeria.
asonibar@oauife.edu.ng
Relationship: PhD External Examiner/Undergraduate Lecturer

2. Professor R.O. Yusuf

Department of Chemical Engineering,
University of Ilorin,
Ilorin, Kwara State, Nigeria.
Email: yusuf.ro@unilorin.edu.ng
Relationship: PhD Supervisor

3. Professor J. A. Adeniran

Department of Chemical Engineering,
University of Ilorin,
Ilorin, Kwara State, Nigeria.
Email: adeniran.ja@unilorin.edu.ng
Relationship: PhD Co-supervisor