

## CURRICULUM VITAE

### SECTION A: PERSONAL DATA

<b>Name</b>	[ELEMILE], Olugbenga Oluseun
<b>Date of birth</b>	[March 11, 1975]
<b>Gender</b>	[Male]
<b>Town</b>	Owo
<b>Local Govt. Area</b>	Owo
<b>State of Origin</b>	Ondo
<b>Nationality</b>	Nigerian
<b>Marital Status</b>	[Married]
<b>Religion</b>	Christianity
<b>Number of Children</b>	[2] ([12 years, 10 years old])
<b>Contact Address</b>	Department of Civil Engineering, Landmark University
<b>Residential Address</b>	Off Ipetu-Igbomina Road, Omu-Aran
<b>Telephone Number</b>	08036038547; 08101691701
<b>E-mail Address (@lmu.edu.ng)</b>	elemile.olugbenga@lmu.edu.ng
<b>Present Position</b>	Senior Lecturer
<b>Current Salary Scale</b>	LUSS[12]/[2]

### SECTION B: EDUCATION HISTORY

#### 1. Institutions Attended with Dates and Academic Qualifications

#	Institution	Degree Type	Year
1	Ekiti State University	M.Eng	2021
2	University of Ibadan	PhD	2016
3	University of Ibadan	MPH	2009
4	FUTA	MBA	2004
5	Obafemi Awolowo University, Ife	B.Sc.	1999

## 2. Teaching Experience

#	Institution	Rank	Date
1	Landmark University, Omu-Aran	Senior Lecturer	September 2019 -Till Date
2	Landmark University, Omu-Aran	Lecturer 1	April 2017-September 2019

## 3. Academic and Administrative Positions Held

	Position	From	To
1	Member Landmark University SDG Goal 6 Committee	2021	Till Date
2	Technical Secretary Nigerian Society of Engineers (Omu-Aran Branch)	2020	2021
3	President Akure Owena LIONS Club	2021	2022
4	<b>Chief EXAMINER:</b> - Chief Examiner and panel member for Postgraduate (Master Degree) (M. Eng.) Defense in Civil Engineering Civil Engineering Department.	2020	2021
5	Acting Head of Department	2020	2021
6	Member Landmark University Equipment Committee	2019	2020
7	Member Landmark University Aqua Committee	2019	2021
8	Civil Engineering Post Graduate Coordinator	2017	Till Date
9	Civil Engineering Departmental Seminar Coordinator	2018	2019
10	Member, College of Engineering Ceremonies Committee	2018	2019
11	Academic Level Adviser, Civil Engineering students 300L	2019	2020
12	Academic Level Adviser, Civil Engineering students 200L	2018	2019
13	Academic Level Adviser, Civil Engineering students 100L	2018	2019
14	Academic Level Adviser, Civil Engineering students 100L	2017	2018

#### 4. Courses Taught

#	Course Code	Course title
1	GEC 217	Engineers and the Society
2	CVE 211	Introduction to Civil Engineering
3	GEC 324	Technical Communications
4	CVE 312	Fluid Mechanics II
5	CVE 322	Soil Mechanics
6	CVE 324	Quantity Surveying and Estimations
7	CVE 411	Civil Engineering Practices
8	CVE 414	Hydraulics
9	CVE 511	Environmental Engineering
10	CVE 513	Civil Engineering Seminar
11	CVE 520	Solid Waste Management
12	CVE 524	Engineering Management
13	CVE 525	Design of Engineering Structures
14	CVW 813	Stream Pollution and Water Quality
15	CVW 814	Water Resources Planning and Management
16	CVE 820	Civil Engineering Systems and Statistical Analysis
17	CVW 820	Water Supply Engineering
18	CVW 825	River and Coastal Engineering
19	CVE 920	Research Methodology

#### 5. Scholarship, Grants, Fellowship, and Prizes

A Grant from Ondo State Water Corporation for the Ph.D. Program (N4,320,000.00)

#### 6. Publications: Journals

1. **Elemile, O. O.**, Ibitogbe, E. M., Obayomi, K. S., Trzcinski, P. A., Falana, B. M., Okon, E. M., ... & Ibitoye, O. O. (2022). Discerning potable water sources using Monte Carlo-based simulation for health risk assessment in Omu-Aran, Nigeria. *Groundwater for Sustainable Development*, 19, 100843.
2. Iwuozor, K. O., Oyekunle, I. P., Emenike, E. C., Okoye-Anigbogu, S. M., Ibitogbe, E. M., **Elemile, O.**, ... & Adeniyi, A. G. (2022). An overview of equilibrium, kinetic and thermodynamic studies for the sequestration of Maxilon dyes. *Cleaner Materials*, 100148.
3. **Elemile, O.O.**, Ibitogbe, E.M., Aladegboye, J.O., Ejigboye, O.P and Olajide O.S. (2022). Effects of *Gliricidia Sepium* ash for stabilization of abattoir polluted soils *Materials today Proceedings* 10.1016/j.matpr.2022.06.264 [**Scopus-indexed**]
4. **Elemile, O.O.**, Ibitogbe, E.M., Okikiola, B.T., and Ejigboye, P.O. (2022). Groundwater quality using indices for domestic and irrigation purposes in Akure, Nigeria. *Results in Engineering*, 100347 [**Scopus-indexed**]

5. **Elemile, O.O.**, Akpor, O.B., Ibitogbe, E.M., and Afolabi, Y.T. (2022). Nitrate Adsorption from Wastewater Using Chicken feather fiber. *Cogent Engineering*. 10.1080/23311916.2022.2043227 [**Scopus-indexed**]
6. **Elemile, O.O.**, Ibitogbe, E. M., Folorunso, O. P., Ejiboye, P. O., and Adewumi, J. R. (2021). Principal component analysis of groundwater sources pollution in Omu-Aran Community, Nigeria. *Environmental Earth Sciences*, 80(20), 1-16.
7. **Elemile, O.O.**, Folorunso, O.P., and Ibitoye, O.O. (2021). Assessment of levels of some physicochemical parameters and heavy metals of Orisa River, Omu-Aran, Nigeria. *Uniabuja Journal of Engineering and Technology* 1(1); 145-159
8. **Elemile, O.O.**, and Folorunso O.P. (2021). Boundary Influence and Flow Characteristics of Orisa and Ala Rivers in Kwara and Ondo States, Nigeria *LAUTECH Journal of Civil and Environmental Studies* DOI: 10.36108/laujoces/1202.60.0210
9. Adeyinka, M.O., Araoye, O., Akpan, V.E., Omole, D.O., and **Elemile, O.O.** (2021). Design of A Water Transmission and Storage System for Sustainable Reuse of Wastewater Within A University Community. In *IOP Conference Series: Materials Science and Engineering* (Vol. 1107, No. 1, p. 012146). IOP Publishing.
10. **Elemile, O.O.**, Eze, N.E., and Ogedengbe, K. (2021). Effectiveness of Moringa Oleifera and Blends of Both Alum and Moringa as Coagulant in the Treatment of Dairy Wastewater. In *IOP Conference Series: Materials Science and Engineering* (Vol. 1036, No. 1, p. 012007). IOP Publishing.
11. **Elemile, O.O.**, Ibitogbe, E.M., Adewumi, J.R., Folorunso, O.P., and Osueke, C.O. (2021). Health Risk Assessment of Groundwater in Omu-Aran, Nigeria. In *IOP Conference Series: Materials Science and Engineering* (Vol. 1036, No. 1, p. 012006). IOP Publishing.
12. Oladejo, O.S., **Elemile, O.O.**, Abiola, A.O., and Olanipekun, A.A. (2020). Estimation of Methane Emission Potentials in Landmark University Open Dump Site, Omu-Aran, Kwara State Nigeria *LAUTECH Journal of Civil and Environmental Studies* 10.36108/laujoces/0202/50(0160) 5: 53-59
13. Etchie, A. T., Etchie, T. O., **Elemile, O.O.**, Boladale, O., Oni, T., Akanno, I., Bankole, DT., Ibitoye, O.O., Pillarisetti, A., Sivanesan, S., Afolabi, T. Y., Krishnamurthi, K and Swaminathan, N. (2020). Burn to kill: Wood ash a silent killer in Africa. *Science of The Total Environment*, 10.1016/j.scitotenv.2020.141316 [**Scopus-indexed**]
14. **Elemile, O.O.**, Ibitoye, O.O, Folorunso O.P and Ibitogbe, E.M. (2020). Evaluation of Infiltration Rate and Hydraulic Conductivity of Soil of Landmark University, Omu-Aran, Nigeria *LAUTECH Journal of Civil and Environmental Studies* DOI:10.36108/laujoces/0202/40(0180) 4(1):62-71
15. Akinyemi, B.A., Omoniyi, T.E., **Elemile, O.**, and Arowofila, O. (2020). Innovative husk-crete building materials from rice chaff and strengthened cement mortals *Acta Technologica Agriculturae* 2:67–72 DOI: 10.2478/ata-2020-0011 [**Scopus-indexed**]
16. **Elemile, O.O.**, Falowo O.O., Arijenwa A.Z., Omole, D.O and Ijaware, V.A. (2020). Hydraulic Properties Determination from Pumping Test in Northern Areas of Ondo State, Southwestern Nigeria for Groundwater Development *IOP Conf. Series: Earth and Environmental Science* **445** 012022 IOP Publishing doi:10.1088/1755-1315/445/1/012022 [**Scopus-indexed**]

17. **Elemile, O.O.**, Raphael O.D., Omole., D.O Oluwatuyi., O.E, Ajayi., E.O, Umukoro., O and Elemile, M.G. (2019). Assessment of the impact of abattoir activities on the physicochemical properties of soils within a residential area of Omu-Aran, Nigeria IOP Conf. Series: Materials Science and Engineering 640 012083 IOP Publishing doi:10.1088/1757-899X/640/1/012083**[Scopus-indexed]**
18. **Elemile, O.O.**, Raphael, O.D., Omole, D.O., Oloruntoba, E.O., Ajayi, E.O., and Ohwavborua, N.A. (2019). Assessment of the impact of abattoir effluent on the quality of groundwater in a residential area of Omu-Aran, Nigeria *Environmental Sciences Europe* 31:16 <https://doi.org/10.1186/s12302-019-0201-5> **[Scopus-indexed]**
19. **Elemile, O.O.**, Sridhar, M.K.C., and Oluwatuyi, O.E. (2019). Solid waste characterization and its recycling potential: Akure municipal dumpsite, Southwestern, Nigeria *Journal of Material Cycles Waste Management*. <https://doi.org/10.1007/s10163-018-00820-2> **[Scopus-indexed]**
20. **Elemile, O.O.**, Sridhar, M.K.C., Coker, A.O., Alhassan, E.A., and Raphael, O.D. (2019). Determination of Carbon Emission Potentials in A Solid Waste Management Facility in Akure, Nigeria, *International Journal of Civil Engineering and Technology* 10(2):2184–2196 **[Scopus-indexed]**
21. Raphael O.D., Amodu, M.F., Okunade, D.A., **Elemile., O.O.** and Gbadamosi, A. A. (2018). Field evaluation of Gravity-Fed Surface Drip Irrigation Systems in a Sloped Greenhouse *International Journal of Civil Engineering and Technology*, 9(10):536–548. **[Scopus-indexed]**
22. **Elemile, O.O.**, Ogunsemi, B.T., Sridhar, M.K.C., Akinola, A.O., and Coker, A.O. (2018). Performance Assessment of a Carbon Dioxide Extractor in A Solid Waste Management Facility in Akure, Nigeria, *Journal of Civil Engineering and Technology*,9(11):1252–1268. **[Scopus-indexed]**
23. Ogbiye, A.S., Omole, D.O., Ade-Balogun., K.D., Onakunle, O., **Elemile O.O.**, and Sánchez, J. (2018). Treatment of Brewery Wastewater using Electro-Fenton and Granulated Activated Carbon, *Cogent Engineering*, 10.1080/23311916.2018.1447224 **[Scopus-indexed]**
24. Oluwatuyi, O.E., Adeola, B.O., Alhassan, E.A., Nnochiri, E. S., Modupe, A.E., **Elemile, O.O.**, Obayanju, T., and Akerele, G. (2018). Ameliorating Effect of Milled Eggshell on Cement Stabilized Lateritic Soil for Highway Construction *Case Studies in Construction Materials* 9, doi.org/10.1016/j.cscm. 2018.e00191 **[Scopus-indexed]**
25. Omole D.O., Ogbiye A.S., Longe, E.O., Adewumi, I.K., **Elemile, O.O.**, and Tenebe, T. I. (2018) Water Quality Checks on River Atuwara, South-West Nigeria *WIT Transactions on Ecology and the Environment* 228, 165-173 doi:10.2495/WP180171 **[Scopus-indexed]**
26. **Elemile, O.O.**, Ana, G.R.E.E., and Sridhar, M.K.C. (2017). Effects of Training and Provision of Collection on Source Separation of Solid Wastes among Workers in a Tertiary Institution Nigeria *Journal of Solid Waste Technology and Management* 43(4): 328–337 **[Scopus-indexed]**
27. **Elemile, O. O.**, Sridhar, M.K.C., and Coker, A. O. (2017). Diurnal and Seasonal Variations in Carbon Dioxide Emissions in a Solid Waste Management Facility, Akure, Nigeria *World Journal of Review and Research* 4(3):54-60 **[Google Scholar, Academia.Edu-indexed]**

28. **Elemile, O.O.**, Ana, G.R.E.E and Sridhar, M.K.C. (2015). Characterization of Solid Wastes in the Non-Residential Areas of the University of Ibadan, Nigeria, *African Journal of Environmental Health Sciences* 2:27-35
29. **Elemile, O.O.**, Ana, G.R.E.E., and Sridhar, M.K.C. (2015). Knowledge, Attitude and Practice Survey of Source-Separation of Solid Wastes Among Workers of a Tertiary Institution in Nigeria, *African Journal of Sustainable Development* 5(1):225-238. **[Google Scholar, Academia.Edu-indexed]**
30. Ana, G.R.E.E, Oloruntoba, E.O, Shendell, D, **Elemile, O.O.**, Benjamin, O.R and Sridhar, M.K.C. (2011). Solid Waste Problems in Secondary Schools in Ibadan, Nigeria *Journal of Environmental Health* 74(2):24-28.

#### 7. **Publications: Manuscript Accepted for Publication**

NA

#### 8. **Publications: Conference Proceedings**

31. Adesina, B.T., Okikiola, B.T., **Elemile, O.O.**, Joseph, A., Dada, O.A., Obayomi, K.S., Okon, E.M., Falana, B.M., Tokula, B.E., and Ajayi, O.E. (2021). Preparation and Characterization of Biochar and Activated Carbon Derived from Cashew Bagasse Waste ECS Meeting Abstracts, Volume MA2021-02, Z04: Electrochemical Recovery, Recycling, and Sustainability of Critical and Value-Added Materials
32. **Elemile, O.O.** (2021). Assessment of The Removal of Nickel and Chromium in Grey Water Using *Gliricidia Sepium* as an Adsorbent (2021) 9<sup>th</sup> Conference on Environmental Health Sciences Held 22<sup>nd</sup> – 24<sup>th</sup> November 2021 at the Conference Centre University of Ibadan, Ibadan

#### 9. **Publications: Books/ Chapters in Books**

NA

#### 10. **Publications: Monographs/ Technical Reports, Book Review**

NA

#### 11. **Other Manuscripts Submitted for Publication**

33. **Elemile O.O.**, Gana, A.J., Ejigboye, O.P., Ibitogbe, E.M., Olajide, O.S, and Ibitoye, O.O. (2022). Assessment of Heavy Metal in Soil Within Selected Mechanical Workshops Using Geo-Accumulation Index and Multi-Variant Analysis in Omu-Aran Community, Nigeria. submitted to *Environmental Management* on February 3, 2022 **[Scopus-indexed]**

#### 12. **Supervision: Number of Students**

<b>Degree</b>	<b>Number of Students</b>
Bachelors [B.Sc.]	17
Masters [M.Sc.]	5
Doctorate [Ph.D.]	1

### 13. Supervision: Selected Theses and Dissertations

#	Title	Degree	Year
	<b>Undergraduate</b>		
1	Assessment of Soil Media Contamination by Abattoir Waste in Omu-Aran, Nigeria	B.Eng.	2018
2	Assessment of Underground Water Contamination by Abattoir Waste in Omu-Aran, Nigeria	B.Eng.	2018
3	Evaluation of Infiltration Rate in Landmark University, Nigeria	B.Eng.	2018
4	Assessment of Heavy Metals and Polycyclic Aromatic Hydrocarbons (PAHs) in Domestic Wood Ash in Omu-Aran, Nigeria.	B.Eng.	2019
5	Assessment of Heavy Metals and Polycyclic Aromatic Hydrocarbons (PAHs) in Industrial Wood Ash in Omu-Aran, Nigeria.	B.Eng.	2019
6	Assessment of the Physicochemical and Heavy Metal Concentration of River Orisa, Omu-Aran Nigeria	B.Eng.	2019
7	Determination of Dynamics and Sediment Transport of River Orisa, Omu-Aran, Nigeria	B.Eng.	2019
8	Removal of Cyanide in Cassava Effluent, Using <i>Gliricidia Sepium</i> as an Adsorbent	B.Eng.	2019
9	Nitrate Adsorption from Waste Water Using Chicken Feather Fibre and Keratin.	B.Eng.	2019
10	Assessment of the Removal of Heavy Metals (Chromium and Nickel) in Grey Water Using <i>Gliricidia Sepium</i> as an Adsorbent	B.Eng.	2019
11	Boundary Influence on Flow Characteristics of Orisa and Ala Rivers, Kwara and Ondo State	B.Eng.	2020
12	Evaluation of <i>Gliricidia Sepium</i> in the Improvement of Properties of Polymer Modified Concrete.	B.Eng.	2020
13	Effects of <i>Gliricidia Sepium</i> ash for stabilization of abattoir polluted soil	B.Eng.	2020
14	Investigations of and Physicochemical, Heavy Metals, and Microbial Properties of Soils in Selected Areas of Landmark University	B.Eng.	2021
15	Investigation On the Effect of Bathroom Wastewater on The Soil in Landmark University Female Halls of Residence	B.Eng.	2022

16	Investigation On the Effect of Bathroom Wastewater on The Soil in Landmark University Male Halls of Residence	B.Eng.	2022
17	Assessment Of the Effects of Cassava Leachates on Soil Media in Selected Areas in Omu-Aran, Nigeria	B.Eng.	2022
<b>Postgraduate</b>			
18	Development of a Ground Water Quality Assessment Scale for Omu-Aran Metropolis	M.Eng.	2020
19	Comparative Studies on Plant Based Organo-Coagulants in Aquaculture Wastewater Treatment ( <b>Co-Supervision</b> )	M.Sc.	2020
20	Activation and Phyto-coagulation Potentials of Cashew and Kariya Biochars for Fishpond Water Treatment ( <b>Co-Supervision</b> )	M.Sc.	2021
21	Mamdani Fuzzy Inference System for Classification of Groundwater and Soil Qualities in Selected Automobile Workshop Premises, Omu Aran, Kwara State, Nigeria ( <b>Co-Supervision</b> )	M.Eng.	2021
22	Prediction of Noise Levels in Some Selected Areas in Omu-Aran Township using Artificial Neural Network	M.Eng	2022
23	Treatment of Kitchen Waste Water using Electro-Fenton and <i>Glyricidia Sepium</i> as Granulated Activated Carbon (In Progress)	PhD	

#### Appointment as School of Postgraduate Studies Representative and Internal Examiner

#	Name of Student	Appointment	Title of Project	Degree	Year
1	Okonkwo, Clinton Emeka	SPS Representative	Design, Development and Evaluation of a Rice Dehusking Cum Polishing Machine	M.Eng	2020
2	Idahosa, Endurance Osaivbie	SPS Representative	Energy, and Exergy Analysis of a Developed Cabinet Dryer	M.Eng	2020
3	Adewumi, Adejoke Deborah	SPS Representative	Development and Performance Evaluation of a Superheated Steam Dryer of Paddy Rice.	M.Eng	2020



4	Samuel, Smart	Internal Examiner	Evaluation of Water Quality of River Orisa Dam, Omu-Aran, Nigeria	PGD	2022
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#### 14. Academic and Industry Linkages

##### A. Academic Linkage

- i. Department of Civil Engineering Covenant University, Ota.
- ii. Department of Civil Engineering, University of Ibadan, Ibadan.
- iii. Department of Civil Engineering, Ekiti State University, Ado-Ekiti.
- iv. Department of Civil Engineering, Federal University of Technology, Akure

##### B. Industrial Linkage

- i. Federal Ministry of Water Resources (Abuja)
- ii. Ondo State Water Corporation Alagbaka Akure

#### 15. Conference/Workshop/Seminar Attended

- 9<sup>th</sup> Conference on Environmental Health 2021
- 5<sup>th</sup> International Conference on Engineering for a Sustainable World 2021
- 30<sup>th</sup> Engineering Assembly 2021
- ECS Meeting Abstracts 2021
- 2<sup>nd</sup> International Conference on Sustainable Infrastructural Development 2020
- 29<sup>th</sup> Engineering Assembly 2019
- 40<sup>th</sup> International Conference of Nigerian Institute of Agricultural Engineers 2019
- 1<sup>st</sup> International Conference on Sustainable Infrastructural Development 2019
- 28<sup>th</sup> Engineering Assembly 2019
- 6<sup>th</sup> Conference on Environmental Health 2018
- 27<sup>th</sup> Engineering Assembly 2018
- 1<sup>st</sup> West African Conference on Environmental Health 2017

#### 16. Invited Reviewer/ Editorial Board Membership

- Journal of Cleaner Waste Systems (2022)
- Journal of the Saudi Society of Agricultural Sciences (2019)

#### 17. Membership of Professional Body

- COREN (12045)
- NSE (15038)
- NWSA (NG28-I-066)
- NIM (75306)

#### 18. Extra- Curricular Activities

- Reading, Traveling and watching Football

## 19. Names and Addresses of Three (3) Referees

1. **[Engr. Professor J.R Adewumi]**

[Federal University of Technology, Akure University, Omu-aran]

[Department of Civil Engineering]

[07062320151 and jradewumi@futa.edu.ng]

2. **[Engr. Professor O. L Oke]**

[Ekiti State University, Ado-Ekiti]

[Department of Civil Engineering]

[08052682689 and oluwaseyi.oke@eksu.edu.ng]

3. **[Engr. Professor, D.O Omole]**

[Covenant University, Ota, Nigeria]

[Department of Civil Engineering]

[08034006525 and david.omole@covenantuniversity.edu.ng]

## 20. Signature and Date

Name	Signature and Date
ELEMILE, OLUGBENGA OLUSEUN	

