

CURRICULM VITAE

PERSONAL

- i) Name in full **BAMGBOSE, Olukayode**
- ii). Place & Date of Birth **Ibadan, 19th February 1957**
- iii) Sex **Male**
- iv) Marital Status: **Married**
- v) Nationality: **Nigerian**
- vi) Town & State of Origin: **Odopotu, Ogun**
- vii) Contact Address: **Department of Environmental Management
& Toxicology, University of Agriculture,
P.M.B 2240, Abeokuta, Ogun State.**
- viii) Phone Number: **+2348033353507, +2348057475122**
- ix) Email Address : **kaybam2002 @yahoo.com**
- x) Present Employer: **Federal University of Agriculture, Abeokuta**
- xi) Present Post **Professor,**

2. EDUCATIONAL BACKGROUND

- i) Educational Institution (with dates)
- | Institutions | Dates |
|----------------------------------|--------------|
| (a) Government College Ibadan | 1970-1974 |
| (b) The Polytechnic, Ibadan | 1974-1976 |
| (c) University of Ibadan, Ibadan | 1976-1979 |
| (d) University of Ibadan, Ibadan | 1980-1981 |
| (e) University of Ibadan, Ibadan | 1983-1988 |

(ii) Academic and Professional Qualifications

Date

- | | |
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| (a) West African School Certificate (WASC) | 1974 |
| (b) Higher School Certificate (HSC) | 1976 |
| (c) Bachelor of Science B.Sc. (Hon) Chemistry | 1979 |
| (d) Masters of Science M.Sc. (Anal. Chemistry) | 1981 |
| (e) Doctor of Philosophy PhD (Anal / Environ. Chemistry) | 1988 |

iii) PRIZES, HONOURS, NATIONAL AND INTERNATIONAL RECOGNITION

3. WORK EXPERIENCE

- (j) Federal University of Agriculture, Abeokuta November 1991 to date
- (i) Present Position: Professor (since 2008)
- (ii) Courses Taught: 2008/2009, 2009/2010, 2010/2011

Code	Courses Title	Unit
EMT 305	Metals and Environment	2
EMT 401	Environ. Mon. Sys. & Techniques	3
EMT 411	Pesticides Residue Analysis	1
EMT 502	Advanced Pesticide Chemistry	3
EMT 505	Analysis of Toxicants	2
EMT 508	Environ. Aspects of Pesticides Usage	3
EMT 509	Structural Elucidation of organic Pollut.	3
EMT 512	Petroleum and Environment	3
EMT 514	Misc. Techniques in environ. Anal.	2
EMT 701	Global Environmental issues	2
EMT 723	Toxicants in the Environment	2
EMT 702	Environmental Pollution Studies	2
EMT 711	Research Methodology	2
EMT 710	Environ. Aspects of pesticides and other toxicants.	2

(ii) **In Learned Journals (*and in print*)**

(1) OSIBANJO, O. and **BAMGBOSE, O.** (1990): *Chlorinated Hydrocarbons in Marine fish and shell fish of Nigeria*
Marine Pollution Bulletin 21, 581-586.

(2) **BAMGBOSE, O., OGUNDIPE, J.T. and AKINPELU, A.T. (1991): *Effect of processing on the level of iron in some common Nigeria peppers.***
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(3) **BAMGBOSE, O., OSIBANJO, O. and JINADU, K.A. (1993): *Galeoides decadatylus. A bio-indicator for the Nigerian Marine Environment.***
J. Environ. Sci. and Health. 28 (2), 321-337.

(4) **BAMGBOSE, O., ONADEKO, S.A and JINADU, K.A. (1996): *Influence of Environmental degradation on the concentration of copper, lead and zinc in tissues of grasscutter (Thryonomys swiderianus Temminck 1827)***
J. Trop. Forest Resources 12, 43-53.

(5) **BAMGBOSE, O. and OSIBANJO, O. (1998): *Comparative assessment of three methods for chlorinated hydrocarbon determination in fish.***
Nig. Journal of Science. 32, 169-174.

(6) **BAMGBOSE, O., T.A. AROWOLO and JINADU K.A. (1999): *Effect of preservation methods on the concentration of trace metals in Nigerian freshwater catfish (Synodontis clarias).***
Nig. Journal of Science 33, 177-183.

(7) **ODUKOYA O. O., AROWOLO T.A. and BAMGBOSE O. (2000). *Lead, Zinc and Copper levels in tree barks as indicator of atmospheric pollution.***
Environmental International, 26, 11-16

(8) **BAMGBOSE O., ODUKOYA O and AROWOLO T. O. A. (2000). *Earthworms as bio-indicator of metal pollution in dumpsites of Abeokuta City, Nigeria.***
International Journal of Tropical Biology and Conservation, 48, 229-234.

- (9) AROWOLO T. A., **BAMGBOSE O.** and ODUKOYA O. O. (2000) *Lead contamination of roadside vegetation in metropolitan Lagos, Nigeria.*

Bioscience Research Communication 12, 21-25.

- (10) **BAMGBOSE, O.**, AROWOLO T.A., ORESANYA O. and YUSUF A.A. (2000). *Assessment of urban solid waste management practice in Lagos*

African Scientist 1, 23-31.

- (11) AROWOLO T .A, **BAMGBOSE O.** and ODUKOYA, O. O. (2000). *The Chemical forms of lead in roadside dusts of metropolitan Lagos,* Global Journal of Pure and Applied Science 6, 483-487.

- (12) **BAMGBOSE, O.**, AROWOLO, T.A. and ODUKOYA, O. (2001): *Comparison of Drinking water quality in Abeokuta Township with WHO standards* Water Resources. 12, 37- 44.

- (13) ODUKOYA O. O., **BAMGBOSE, O.** and AROWOLO T.A. (2001) *Heavy metals in topsoil's of Abeokuta dump sites.*

Global Journal of Pure and Applied Science. 7, (3) 467- 472.

- (14) ODUKOYA O. O., T. A. AROWOLO and **O. BAMGBOSE** (2002): *Effect of Solid wasteland fill on underground and Surface water quality at Ring road, Ibadan, Nigeria.* Global Journal of Environ. Sciences.1, 43 – 52

- (15) YUSUF A.A, T. O. AROWOLO AND **O. BAMGBOSE** (2002): *Cadmium, Copper and Nickel levels in Vegetables from industrial and residential areas of Lagos City, Nigeria.* Food and Chemical Toxicology 41, 375-378.

- (16) T. A. AROWOLO AND **O. BAMGBOSE** (2004): *Lead levels in carious teeth of residents in three Nigerian cities.* J. Chem. Soc of Nig. 29 (2) 89 - 92

- (17) ABIONA, O.O, L.O SANNNI and **O. BAMGBOSE** (2005): *An evaluation of microbial load, heavy metals and cyanide contents of water sources, effluents and peels from cassava processing locations.* Journal of Food, Agriculture & Environ. 3 (1) 207-208

- (18) **BAMGBOSE O.**, B.O. OPEOLU, J.T. BAMGBOSE (2005) *Levels of Zin in Breast milk of selected Nigerian Women in Abeokuta Township Ogun State.* Trace Elements and Electrolytes, 29(3)

- (19) OPEOLU B. O, **BAMGBOSE O.**, AROWOLO T. A and KADIRI S. J. (2006) *Phyto Remediation of lead contaminated soil using Amaranths cruentus.* FAMAN Journal 8(1) 58 - 63

- (20) **BAMGBOSE, O.**, B. O. OPEOLU and BAMGBOSE, J.T (2007) *Levels of cadmium, lead and zinc in urine of randomly selected smokers and Non-smokers residents of Abeokuta city.* Research .J. Applied Sci. 2 (2) 192 – 197

- (21) A. AZEEZ, **O. BAMGBOSE**, G. O. OLATUNDE, B. O. OPEOLU (2007) *Effect of lead pollution on the performance and protein content of two soybean varieties* Research J. Agronomy 1(1) 26 - 29

- (22) M. O JAJI, **O. BAMGBOSE**, O. O. ODUKOYA, T. A. AROWOLO (2007) *Water quality assessment of Ogun river, South West Nigeria.*

- (23) **BAMGBOSE O**, B. O. OPEOLU, J. T. BAMGBOSE and G. O OLATUNDE (2007) *Physicochemical characterization of leachates from selected waste dumps in Abeokuta City.* J. Chemical Soc. Of Nigeria 32 (1) 117 – 125
- (24) MAJOLAGBE, A.O AND **BAMGBOSE, O** (2007): *Levels of heavy metals in Lagos Dockyard sediments.* Chem.Environ.Res. 16(1&2) 41-51
- (25) **O. BAMGBOSE** and B. O. OPEOLU (2007) *Organochlorine Pesticides and PCBs in human milk.* Ife Journal of Science, 9 (2) 219-223
- (26) I.M. ADEKUNLE, **O.BAMGBOSE**, A.A ADEKUNLE, I. ADAMSON AND O.B SIGBEKU (2007): *Phosphate removal from waste water by chemical precipitation methods.* Journal of water and Environmental Technology 2 (3) 1-14.
- (27) **BAMGBOSE, O.**, T. A. AROWOLO, and J. T. BAMGBOSE (2008): *Concentration of selected Mineral Elements in Commercial infant formulae marketed in Abeokuta, Ogun state.* J. Chem. Soc. of Nig. 33 (1), 37-42
- (28) BAMGBOSE, J. T. and **O. BAMGBOSE** (2008): *Reaction of Methyl bromide with human and mouse hemoglobin*
J. Chem. Soc of Nig. 33 (1), 47-55
- (29) **O. BAMGBOSE** and B. O OPEOLU (2008). *Pesticide residue in milk and milk product of Nigeria.* Int. J. Chem. 18(1), 23-30
- (30) OPEOLU B.O., **BAMGBOSE O**, AWOLOLA T.A., ADETUNJI M.T. (2008) *Utilization of Maize (Zea Mays) Cob as an Absorbent for lead (II) removal from igneous solution and Industrial Effluent.* African Journal of Bio-Technology 8.
- (31) BAMGBOSE J.T, ADEWUYI S.A, **BAMGBOSE O** and ADETOYE, A.A (2008)
Adsorption kinetics of Cadmium and Lead by chitosan
Afri.J.Biotech.(Accepted 27th May,2008)
- (32) I.P. ETUKNWA, Y. AKEGBEJO-SAMSON,,C.O ADEOFUN AND **O.BAMGBOSE**(2008) *An assessment of water quality,physical habitats and fish resources of the Qua-iboe river, Etinan local Government area. Akwa Ibom state, Nigeria.*
American-Eurasian J.Agric& Environ. Sci
- (33) BAMGBOSE J.T, ADEMUYIWA O AND **BAMGBOSE O** (2009) *Blood lead level and Its effects on occupationally exposed workers in Abeokuta, Nigeria.*
Catrina 4(2) 31-36
- (34) I.M ADEKUNLE, **O.BAMGBOSE**, M.T ADETUNJI AND Y.A LANRE-IYANDA (2010). *Impact of un-remediated solid waste dumpsites converted to farmland on plant Cadmium phyto-accumulation and toxicity.*
Journal of Applied Sciences in Environmental Sanitation 5(3) 226-238
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Scientific research and essays 5(14) 1780-1787
- (36) M.A ADELEKE, J.T BAMGBOSE, O.OGUNTOKE, E.O ITUA AND **O. BAMGBOSE**(2010) *Assessment of vehicular pollution on occupationally exposed people in Lagos metropolis, Nigeria.* Trace Elements and Electrolytes.

- (37) OPEOLU B.O., **BAMGBOSE O**, AROWOLO T.A., ADETUNJI M.T. (2010) *Utilization of Biomaterials as absorbents for heavy metals removal from aqueous matrices*. Scientific Research and Essay WIS 1780-1787
- (38) B.O. OPEOLU, **O. BAMGBOSE**, O.S. FATOKI., (2011) Zinc abatement from Stimulated and Industrial Waste Water using Sugar cane Biomass. *Water South Africa* 37(3) 313-320
- (39) TAIWO A.M., OLUJIMI O, **BAMBOSE O**, AROWOLO T.A. (2012) *Surface Water Quality monitoring in Nigeria. Situational Analysis and future management strategy*. *Water Quality Monitoring Assessment* 13(1) 301-320.
- (40) POPOOLA O.E., **BAMGBOSE, O.**, OKONKWO, O.J., AROWOLO, T.A., ODUKOYA, O. AND POPOOLA, A.O. (2012a). *Heavy metal content in Playground Topsoil of some Public Primary Schools in Metropolitan Lagos Nigeria*. *Research Journal of Environmental and Earth Resources* 4(4) 434-439.
- (41) POPOOLA O.E., **BAMGBOSE, O.**, OKONKWO, O.J., AROWOLO, T.A., ODUKOYA, O. AND POPOOLA, A.O. (2012b). *Heavy metal content in classroom dust of some Public Primary Schools in Metropolitan Lagos Nigeria*. *Research Journal of Environmental and Earth Resources* 4(4) 460-465.
- (42) OLATUNDE K.A., **BAMGBOSE O.**, AROWOLO T.A., GEORGE FO.A., BADA B.S (2012) *Effect of Processing and Storage on trace metal concentration and freshness quality of Catfish (Clarias gariepinus)* *Research Journal of Environmental and Earth Resources* 9, 1-7.
- (43) OLATUNDE K.A., **BAMGBOSE O.**, AROWOLO T.A., GEORGE FO.A., BADA B.S., (2013) *Quality and Shelf life Assessment of Variously processed Catfish and Tilapia Stored at Ambient Temp*. *British Journal of Applied Science & Tech* 3, 2013-2016.
- (44) OLUJIMI O, AROWOLO T.A., **BAMGBOSE O**. (2014) *Elemental Particles of Herbal Plants Commonly used for cancer therapy in Ogun State Nigeria*. Part 1 *Zone Micro chemical Journal* 117, 223-241.
- (45) SHOTUYO A.L.A, **BAMGBOSE O.**, ODUNTAN O., AKINTUNDE O.O., OYATOGUN M.O. (2015) *Assessment of heavy metals concentration in fishes of the African Giant Snail (Archachatina Marginata) in selected Major Markets in Abeokuta, South West Nigeria*. *African Journal of Agriculture Technology and Environment* 4(2) 15-20.
- (46) SHOTUYO A.L.A., **O. BAMGBOSE**, O.O. ODUNTAN, A.O. AKINTUNDE, O.S. OGUNSOLA (2016) *Levels of some heavy metals in African Giant Snail (Archachatina) in Major Market, in Abeokuta South West Nigeria*. *International Journal Molecular Ecology and Conservation* 6, 1-6.
- (47) O.O OLAYINKA, O.O. AKANDE, **O. BAMGBOSE.**, M.T. ADETUNJI (2017) *Physiochemical Characteristics and heavy metals levels in Soil samples obtained from selected anthropogenic sites in Abeokuta Nigeria*. *Journal Applied Sciences and Environmental Mgt* 21(5) 883-890.
- (48) SOYINGBE A.A., OLAYINKA O., **BAMGBOSE O.**, ADETUNJI M. (2019) *Composition Analysis of Bio gas produced from fecal sludge co-digested with organic feedstock*. *Journal Chem.Soc. Nig.* 44(5) 858-879.
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- (50) TEREBO O., OLAYINKA O.O., **BAMGBOSE O.**, ABDUL W.O., MARTINS O. (2019) *Physiochemical quality of Borehole Water in Coastal Communities of Ondo State*. *J. Chemical Chem. Soc. Nigeria* 14(5) 846-857.

- (51) GBADESERE D. AKINTUNDE AND OLUKAYODE., **BAMGBOSE O.** (2020) Pollution load of Heavy metals in Ilupeju, Ikeja and Isolo Industrial wastewaters and seasonal impacts on quality of water down stream and upstream in Lagos Metropolis. Int J. Environ. Pollution and Environ. Modelling 3(2), 73-82
- (52) GBADESERE D. AKINTUNDE AND OLUKAYODE., **BAMGBOSE O.** (2020) *Seasonal Impact of Ikeja Industrial waste waters on Water Quality of proximate Iya Alaro River in Lagos.* Int. J. Environ. Pollution and Environ. Modelling 3(2) 56-67
- (53) O.TEREBO, SOYINGBE A.A., OLAYINKA, **O. BAMGBOSE O** (2021) *Heavy metal contamination of Borehole water of selected settlements in the coastal area of Ondo State.* Int. Journal of Innovative Research and Development. 10(4) 105-111
- (54) SOYINGBE A.A., TEREBO O., OLUJIMI O., OLAYINKA O. **BAMGBOSE O** (2021) *Assessment of Knowledge, attitude and Practices of Residents and Stakeholder Opinion on Fiscal Sludge Management in Abeokuta South Local Government, Ogun State Nigeria.* Int. Journal Innov. Res and Development 14(2) 10-14.
- (55) O. TEREBO, **O. BAMGBOSE**, O.O. OLAYINKA, A.A. SOYINGBE. (2022) *Microbial Quality of Borehole Water and Prevalence of Water related disease in selected Riverine Communities of Ondo State.* Journal of Advanced Research in Science, Engineering and Technology. 9(6), 19394-19403.
- (56) TEREBO. O, OLAYINKA O., SOYINGBE A.A. AND **BAMGBOSE O.** (2022) *Endemicity of Water related disease and efficacy of Questionnaire based indices and selected Riverine Settlement of Ondo State.* Nigeria 1, 1-10 (2022).
- (57) TEREBO.O., OLAYINKA O., SOYINGBE A.A. AND **BAMGBOSE O.** (2022) *Levels of Polyaromatic Hydrocarbon in borehole water of selected settlements in the Coastal Area of Ondo State Nigeria.* Vol (2) 74-82 (2022).

**CONTRIBUTION TO KNOWLEDGE IN MY AREA OF SPECIALIZATION:
ANALYTICAL/ENVIRONMENTAL CHEMISTRY**

My training as an analytical chemist provided the opportunity to know the principles/application of various analytical techniques and also to be conversant with the analysis of various kinds of samples such as food, biological and environmental samples. In this regard my contribution to knowledge is therefore hinged on the application of analytical chemistry to environmental samples.

At the onset, the topical issue when I joined the research team of Prof. Osibanjo was the danger posed by pesticides. Along this line of study was the information presented by providing a base-line data on toxic chlorinated hydrocarbons in Nigeria marine fishes and shellfishes (Publication 22) being the very first type of study on chlorinated hydrocarbons in Nigeria. In furtherance of this study the fish species *Galeoides decadatylys* was identified as a bio-indicator for Nigerian marine environment with respect to chlorinated hydrocarbons (Publication 1, 3).

My research apart from being premised on analysis of environmental samples was also hinged on method development with the sole aim of improving known methods of analyses of environmental samples (Publications 5, 7).

A lot of work had also been carried out using the application for atomic absorption spectrometry to the chemical analysis of environmental samples particularly as a testimony to the versatility of this method. It has therefore been applied to analysis of metals in various biota e.g. soils (Publication 12, 14) and vegetation (Publications 8, 19, 15).

A novel study was the influence of environmental degradation on the metal concentration in tissue of grass cutter which served as a delicacy in south west Nigeria and various other part of Nigeria (Publication 4). In this vein, also the earthworm *Lybyodrilus Violaceus* was identified as being suitable to act as a bio-indicator of metal pollution in dumpsites of tropical Origin (Publication 9).

Recently I have also diversified to working on humans due to the multi-disciplinary nature of environmental analysis and direct interaction of humans with the environment using samples such as teeth, breast milk, urine and blood (Publication 6, 20, 21).

The study of Analytical/Environmental Chemistry has evolved in the past decade to take cognizance of the total environment and with the nature of the department that I belong to; collaborative work has been done on waste management (Publication 11, 16).

The dynamics of food processing and preservation is also an area of research that I have also contributed immensely to (Publication 2, 4, 7, 18, 19) along with analysis of portable water (Publications 13, 16).

In line with the multi-disciplinary nature of environmental studies I have collaborated with several scientist (Prof Onadeko, Dr. Olatunde, Dr. Alegbeleye, Dr. Sanni, Mr. Oresanya, to mention a few) outside my immediate area of specialization on the home front of which notable publications have resulted (Publication 2, 4, 11, 15, 18, 23).

Finally research into parameters that make the environment sustainable are still ongoing of which am focused on, now, and in years to come that will form a major platform of my continuing contribution to knowledge.

Prof Olukayode Bamgbose

Signature.

20th April, 2023

Date