

## CURRICULUM VITAE

- I (a) Name: Adebola Abosede Adeyi  
(nee Oketola)  
(b) Date of Birth: 9 June, 1974  
(c) Department: Chemistry  
(d) Faculty: Science
- II (a) First Academic Appointment: Lecturer II (14 April, 2008)  
(b) Present Post (with Date): Professor (1 October, 2020)  
(c) Date of Last Promotion: 1 October, 2020  
(d) Date Last Considered  
(in Cases Where Promotion was not Through): Not Applicable
- III. University Education (with Dates):  
University of Ibadan (Undergraduate Programme) 1992-1998  
University of Ibadan (Postgraduate Programme) 1999-2001  
University of Ibadan (Postgraduate Programme) 2001-2007
- IV. Academic Qualifications (with Dates and Granting Bodies):  
B.Sc. Industrial Chemistry (University of Ibadan) 1998  
M.Sc. Analytical Chemistry (University of Ibadan) 2001  
Ph.D. Analytical/Environmental Chemistry  
(University of Ibadan) 2007
- V. Professional Qualifications and Diplomas (with Dates):  
Professional Diploma in Public Relations 2023
- VI. Scholarships, Fellowships, and Prizes (with Dates) in  
Respect of Undergraduate and Postgraduate Work Only: Nil
- VII. Honours, Distinctions and Membership of Learned Societies:  
Honours and Awards:  
Co-Principal Investigator 2023  
Environmental Impact of E-Waste Management in  
Alaba International Market, Lagos  
  
Convener/Project Coordinator 2023  
RSC Inclusion and Diversity  
Low enrolment in Chemistry and Chemical Sciences

Co-Principal Investigator UNESCO-IUGS-IGCP Grant (Co-Principal Investigator): “Modelling Human Health Impact of Abandoned Mining Activities in Africa for Sustainable Earth Resource Extraction	2020
Convener/Coordinator RSC Celebrating the International Year of the Periodic Table	2019
Royal Society of Chemistry (RSC)- Analytical Division Travel Grant 7th EuCheMS Chemistry Congress. Liverpool, United Kingdom.	2018
Future Leader in the Field Award Royal Society of Chemistry (RSC)	2017
Trainer, Royal Society of Chemistry (RSC) GC-MS Hands-on Training Programme in Nigeria	2016-2021
Principal Investigator UNESCO/SIDA Grant: “Mapping and Assessing the Environmental and Health Impacts of Abandoned Mines in Sub-Saharan African Countries”	2015, 2017
Postdoctoral Research Fellow TWAS-DFG Cooperation Visits Programme for Scientists from sub-Saharan Africa. Institute of Analytical and Bioanalytical Chemistry, University of Ulm, Ulm, Germany.	2013
Associate Researcher United Nations Industrial Development Organization (UNIDO). Geo-Environmental Research Centre, Cardiff University, Cardiff, Wales, United Kingdom.	2012
Geo-5 Fellow Global Environment Outlook, (GEO-5) United Nations Environment Programme (UNEP) Kenya.	2012
Young Researcher Award 60th Meeting of the Nobel Laureates and 3rd Interdisciplinary Meeting, Lindau, Germany.	2010
Postdoctoral Research Fellow Organization for the Prohibition of Chemical Weapons (OPCW).	2009-2010

Department of Chemistry, Rhodes University,  
Grahamstown, South Africa.

Associate Researcher 2009  
United Nations Industrial Development Organization (UNIDO).  
Geo-Environmental Research Centre, Cardiff University,  
Cardiff, Wales, United Kingdom.

People that Shape our Environment Award 2007  
Centre for Environmental Education and Development  
(CEED), Lagos

Membership of Learned and Professional Societies:

Fellow, Royal Society of Chemistry (FRSC)  
Committee Member, Water Science Forum (WSF) - Royal Society of Chemistry  
Member, Organization for Women in Science for the Developing World (OWSD)  
Affiliate Member, International Union of Pure and Applied Chemistry (IUPAC)  
Member, Chemical Society of Nigeria (MCSN)  
Member, Royal Society of Chemistry (MRSC)  
Member, Institute of Chartered Chemists of Nigeria (MICCON)  
Member, Waste Management Society of Nigeria (WAMASON)  
Member, Institute of Public Analysts of Nigeria (IPAN)  
Member, American Chemical Society (ACS)

VIII. Details of Teaching Experience/Work Experience:

(a) Work Experience:

Assistant Manager, Berger Paints (Nig.) Plc. 2000-2001  
Oba Akran Avenue, Ikeja, Lagos.

Responsibilities  
Research and Development  
Process Control  
Raw Material Quality Control.

(b) Teaching Experience:

(i) Number of Years of Teaching at the University Level: 22 Years

Levels at the University  
Assistant Lecturer, Adekunle Ajasin University, 2001- 2005  
Akungba,-Akoko, Ondo State

Lecturer II, Adekunle Ajasin University, Akungba- Akoko, Ondo State	2005- 2008
Lecturer II, University of Ibadan, Ibadan	2008-2011
Lecturer I, University of Ibadan, Ibadan	2011- 2014
Senior Lecturer, University of Ibadan, Ibadan	2014-2017
Reader, University of Ibadan, Ibadan	2017-2020
Professor, University of Ibadan, Ibadan	2020- Till Date

(ii) Courses Taught at the University of Ibadan (April 2008-Till Date)

Undergraduate Courses Currently Taught:

ICH 397 (2): Industrial Attachment	(with 9 others)
CHE 316 (3): Introduction to Environmental Chemistry	(with 3 others)
CHE 318 (3): Introduction to Environmental Chemistry	(with 3 others)
CHE 481 (2): Seminar Topics	(with 9 others)
CHE 496 (6): Research Project	(with 9 others)

Undergraduate Courses Previously Taught:

CHE 195 (2): Undergraduate Practical	(with 6 others)
CHE 218 (3): Introductory Analytical Chemistry	(with 3 others)
CHE 417 (4): Advanced Analytical Chemistry & Application	(with 3 others)

Postgraduate Courses Currently Taught:

CHE 709 (3): Quantitative Spectrophotometry	(with 1 other)
CHE 796 (6): Research Project	(with 9 others)
ECH 782 (4): Hazardous Waste Chemistry and Management	(with 2 others)
ECH 784 (4): Chemical Environmental Pollution Studies	(with 3 others)
ECH 786 (4): Environmental Analysis	(with 3 others)
ECH 787 (4): Compliance Monitoring and Enforcement	(with 2 others)
ECH 788 (3): Seminars and Case Studies in Environmental Chemistry	(with 9 others)
ECH 789 (4): Industrial Attachment	(with 9 others)
ECH 790 (4): Practical/Field Work	(with 9 others)
ECH 796 (6): Research Project	(with 9 others)

Postgraduate Courses Previously Taught:

CHE 702 (3 Units): Classical Methods of Analysis	(with 2 others)
CHE 710 (3 Units): Miscellaneous Advanced Techniques in Analytical Chemistry	(with 2 others)
ECH 781 (4): General Concepts in Environmental Chemistry	(with 2 others)

ECH 785 (4): National and Global Chemical Environmental Issues (with 3 others)

Research Project Supervision

Completed

B.Sc: 25

M.Sc: 95

Ph.D: 4

In Progress

B.Sc: Nil

M.Sc: Nil

Ph.D: 2

(c) University and Departmental Administrative Responsibilities:

Departmental Student Liaison Officer: 2009/2010

Faculty Representative, Faculty Board of Technology: 2010/2011

Departmental Registration Committee: 2008/2009-Till Date

Departmental Seminar Facilitator: 2010/2011

Committee for the Recommendation of Books Purchases for Departmental and Main Library: 2010/2011; 2011/2012

Departmental Welfare Committee: 2012/2013-2014-2015

Departmental Undergraduate Examination Committee: 2014/2015-2016/2017

Faculty Representative, Institute of Education: 2015/2016

Faculty Representative, Faculty Board of Education: 2018/2019

Publication Committee: 2018/2019

Department Postgraduate (Ph.D.) Committee: 2017/2018-Till Date

Faculty of Science Interdisciplinary Committee: 2023/2024

IX. Research:

(a) Completed:

- (i) *Environmental Modeling and Chemometrics: Industrial Pollution Assessment in Lagos, Nigeria using Industrial Pollution Projection System (IPPS), Effluent Analysis and Data Mining Techniques; and Modelling Environmental Impacts of Two Major Dumpsites on Groundwater Quality in Lagos.*
- (ii) *Monitoring and Risk Assessment of Endocrine Disrupting Compounds and Waste Management: Monitoring and Assessment of Endocrine Disrupting Compounds in Different Environmental Samples and Foods such as Soil, Leachate, Surface and Groundwater; Consumer Products such as Personal Care Products (PCPs) and Paints; Waste Characterization and Treatment.*

- (iii) *Nanotechnology: Synthesis and Characterization of Nanofibre by Soap Free Emulsion Polymerisation prior to Electrospinning using Different Analytical Techniques for Environmental Application.*
- (iv) *Assessment of Endocrine Disrupting Compounds in Foods Commonly Consumed in the Southwest, Nigeria.* The Study Assesses the Levels and Human Health Risk of Endocrine Disrupting Compounds such as Polychlorinated Biphenyls (PCBs), Polybrominated Diphenyl Ether (PBDEs), Organochlorine Pesticides and Bisphenol-A in Food Commonly Consumed in Southwest, Nigeria using United States Risk Assessment Models.
- (v) *Assessment of Levels of Selected Volatile Organic Compounds and Metals in Some Water-Based Paints.* The Study Assesses the Levels of Selected Metals and Anti-Freezing Agents (AFA) and Film-Forming Agents (FFA) used in Paints to Impart Colour and Support Film-Forming Process in Water-Based Paints and their Human Health Impact.
- (vi) *Determination of Nonylphenol, Octylphenol, and Bisphenol-A in Water, Sediment and Fish of Lagos Lagoon, Nigeria:* The Study Assesses the Concentrations of the Targeted Compounds in Water, Sediment and Fish of Lagos Lagoon. The Targeted Compounds were detected at Varied Concentrations in the Samples. Field work, Data Processing and Analysis Ongoing.
- (v) *Polychlorinated Biphenyls (PCBs), Polybrominated Diphenyl Ether (PBDEs) and Polycyclic Aromatic Hydrocarbons (PAHs) in Electronic Waste (e-waste) Processing Sites in Lagos and Ibadan:* The Study Investigates the Levels of these Environmental Contaminants in Soils Collected at E-Waste Processing Sites in Lagos and Ibadan and the Control Samples and their Human Health Risk. The Results Confirmed that all the Soil Samples Analyzed were Contaminated with these Contaminants. Levels were higher in Soil of E-Waste Processing Sites when Compared with the Control Samples. Data Processing and Analysis Ongoing.
- (vii) *Health Impacts of Waste Management Practices in Nigeria: the Case of Lagos and Ibadan Waste Managers:* The Study Assesses the General Health Status of Waste Managers and Solid Waste Management Practices in Lagos and Ibadan. The Results Showed that Personal Protective Equipment (PPE) was not used by many of the Managers and were Exposed to Different Hazardous Materials Present in the Wastes. Data Processing and Analysis Ongoing.
- (viii) *Distribution and Phytoavailability of Heavy Metals in Agricultural Soil in Ibadan: The Study Assesses the Levels of Heavy Metals in Agricultural Soil Collected in Five Local Governments' Areas in Ibadan.* Data Processing and Analysis Ongoing.

(ix) *Modelling Ammonia Emission from Poultry, Piggery and Cattle Farms in the Southwest, Nigeria.* The Study Assesses the Emission of Ammonia in some Selected Poultry, Piggery and Cattle Farms in the Southwest, Nigeria using Default Models Developed by European Monitoring and Evaluation Programme/European Environment Agency (EMEP/EEA) and United States Environmental Protection Agency (USEPA). Data Processing and Analysis Ongoing.

(b) In Progress:

(i) *Geo-mapping, Environmental and Health Risk Assessment of Abandoned Mine Sites in Southwest, Nigeria.* The ongoing UNESCO-SIDA Project Started in 2015 to Identify and Assesses the Environmental and Health Risk of Abandoned Mine Sites in Lagos, Ogun, Oyo, Osun, Ekiti and Ondo States. Data Analysis and Interpretation, Manuscript Preparation Ongoing.

(ii) *Water Quality of Catchment Water shed in Ibadan, Nigeria.* The Study Assesses the Quality of Surface Water and River Channels in Ibadan using Water Quality Index. Data Processing and Analysis, Manuscript Preparation Ongoing.

(c) Project, Dissertation and Thesis:

(i) M.Sc. Project:

Oketola, A.A. (2001): Water Quality Parameters of River Ogun around the Cattle Market, Isheri along Lagos-Ibadan Express Road.

(ii) Thesis:

Oketola, A.A. (2007): Industrial Pollution Assessment in Lagos, Nigeria by Industrial Pollution Projection System (IPPS) and Effluent Analysis. Ph.D. Thesis. University of Ibadan, Ibadan.

X. Publications:

a. Books already Published:

Nil

b. Chapters in Books already Published:

1. **Oketola, A.A.** and Osibanjo, O. (2011). Assessment of Industrial Pollution Load in Lagos, Nigeria by Industrial Pollution Projection System (IPPS) versus Effluent Analysis. In: Elzbieta Broniewicz (Ed.) *Environmental Management in Practice*. Croatia: Intech. Chapter 10, 207-222pp. ISBN 978-953-307-358-3.
2. Barra, R., Portas, P., Watkinson, R.V., Osibanjo, O., Rae, I., Scheringer, M., ten Have, C., Batandjueva, B., Giger, W., Holoubek, I., Jones-Otazo, H., Lili L., Metcalf, P.E., Silvia, K., Miglioranza, B., Flegai, A.R., **Oketola, A.A.** and Montory, M. (2012). Chemicals and Waste. *Global Environmental Outlook-5 (Geo-5)*. Nairobi: UNEP. Chapter 6, 167-192pp. ISBN 978-92-807-3177-4.
3. **Adeyi, A.A.**, Omidiran, O.M. and Osibanjo O. (2014). Assessment of Soil Contamination of a Cattle Market around River Ogun Basin, Isheri, Nigerian. In: Maria C. Hernandez Soriano (Ed.) *Environmental Risk Assessment of Soil Contamination*. Croatia: Intech. Chapter 7, 225-255pp. ISBN 978-953-51-1235-8.
4. Oladele Osibanjo, Innocent C. Nnorom, Gilbert U. Adie, Mary B. Ogundiran and **Adeyi, A.A.** (2016). Global Management of Electronic Wastes: Challenges Facing Developing and Economy-in-Transition Countries. In: Reed M. Izatt (Ed.) *Sustainability: Global Challenges, Consequences and Prospects*. United Kingdom: John Wiley & Sons. First Edition, Chapter 3, 52-78pp. ISBN 978-1-119-00910-8.
5. **Adeyi, A.A.** (2016). Solid Waste Management and Associated Environmental and Human Health Risks. In: Percy C. Onianwa and Gilbert U. Adie (Eds.) *Chemical Environmental Pollution: A Selection of Reviews and Studies*. Ibadan: Depet. Chapter 7, 117-133pp. ISBN 978-978-50705-2-1.
6. **Adeyi, A.A.**, Abdulrafiu Majolagbe, and Oladele Osibanjo (2019). Trace Metals Characterisation of Soils in the Vicinity of a Major Active Dumpsite. In: Ramasami, P., Bhowon, M. G., Luallo, S. J., Wah, H. L.K., (eds), *Chemistry for a Clean and Healthy Planet*. Springer Nature Switzerland AG. Chapter 10, 153-168. ISBN 97-3-030-20282-8.

c. Articles that have already appeared in Refereed Conference Proceedings:

7. **Oketola, A.A.**, Ogundiran, M.B., Adefolu, O.R., Mojeed, O.A. and Itiveh, S.E. (2011). Medical Waste Management Practices in Nigeria. *The Journal of Solid Waste*



*Technology and Management: Proceedings of the 26<sup>th</sup> International Conference on Solid Waste Technology and Management*. 1311-1321pp.

8. **Oketola, A.A.** and Adebisi, A.A. (2011). Distribution and bioavailability of metals in gasoline contaminated sites in Lagos, Nigeria. *The Journal of Solid Waste Technology and Management: Proceedings of the 26<sup>th</sup> International Conference on Solid Waste Technology and Management*. 303-315pp.
9. Taiwo, O.J., Deji-Abiodun, O.A., **Adeyi, A.A.**, Rosado, A.I., Opatotun, D., Akindeire, T., Ibigbami, T.B., Adekunle, S., Duncan, S., Dutta, A., Johnson, E., Conover, B., Ajani, O., Ojengbede, O., Olopade, C.O. (2024). Physico-chemical Quality of Ground and Surface Water Samples around the Waste Dumpsite in Alaba International Market, Lagos, Nigeria. *American Thoracic Society: B56. VGDF: Hazards, Exposure Assessment, and Health Effects from Wildfires, Burn Pits, Air Pollution*. A3903pp.
10. **Adeyi, A.A.**, Deji-Abiodun, O.A., Taiwo, O.J., Dutta, A., Rosado, A., Johnson, E., Opatotun, D., Akindeire, T., Ibigbami, T., Adekunle, S., Conover, B., Ajani, O., Ojengbede, O., Olopade, C.O. 2024. Spatial Variation in Soil and Plants Pollution in and Around an Electronic Waste Dump Site in Nigeria. *American Thoracic Society: B56. VGDF: Hazards, Exposure Assessment, and Health Effects from Wildfires, Burn Pits, Air Pollution*. A3901pp.
11. Conover, B., Deji-Abiodun, O.A., Taiwo, O.J., **Adeyi, A.A.**, Duncan, S., Dutta, A., Ajani, A., Opatotun, D., Akindeire, T., Ibigbami, T.B., Adekunle, S., Johnson, E., Ojengbede, O., Olopade, C.O. (2024). Persistent Organic Pollutants in Soil from an Informal E-waste Recycling Site in Lagos, Nigeria: Findings and Implications for Human Health. *American Thoracic Society. B56. VGDF: Hazards, Exposure Assessment, and Health Effects from Wildfires, Burn Pits, Air Pollution*. A3902pp

d. Patents and Copyrights: Nil

e. Articles that have already appeared in learned journals:

12. Ejelonu, B.C., Oderinde, R.A., Adeleke, B.B. and **Oketola, A.A.** (2004). Physicochemical Characterization of Effluent from Crude Oil Processing Plant. *Advances in Natural and Applied Sciences Research* Vol. 2. No. 1: 36-42.
13. Oladoja, N.A., Ademoroti, C.M.A., Idiaghe, J.A. and **Oketola, A.A.** (2006). Column Treatment of Brewery Wastewater using Clay Fortified with Stone-Pebbles. *Pakistan Journal of Scientific Industrial Research* Vol. 49. No. 1: 31-38.

14. **Oketola, A.A.**, Osibanjo, O., Ejelonu, B.C., Oladimeji, Y.B. and Damazio, O.A. (2006). Water Quality Assessment of River Ogun Water around the Cattle Market of Isheri, Nigeria. *Journal of Applied Science* Vol. 6. No. 3: 511-517.
15. **Oketola, A.A.** and Osibanjo, O. (2007). Estimating Sectoral Pollution Load in Lagos by Industrial Pollution Projection System (IPPS). *Science of the Total Environment* Vol. 377. Issues 2-3: 125-141.
16. **Oketola, A.A.** and Osibanjo, O. (2009). Estimating Sectoral Pollution Load in Lagos by Industrial Pollution Projection System (IPPS): Employment versus Output. *Toxicological and Environmental Chemistry* Vol. 91. No. 5: 799-818.
17. **Oketola, A.A.** and Osibanjo, O. (2009). Industrial Pollution Load Assessment by Industrial Pollution Projection System (IPPS). *Toxicological and Environmental Chemistry* Vol. 91. No. 5: 989-997.
18. Adeyemo, A.B., **Oketola, A.A.**, Adetula, E.O. and Osibanjo, O. (2012). Estimating Sectoral Pollution Loads in Lagos, Nigeria using Data Mining Techniques. *International Journal of Computer Science Issues* Vol. 9. Issue 6. No. 1: 465-475.
19. **Oketola, A.A.**, Adekolurejo, S.M. and Osibanjo, O. (2013). Water Quality of River Ogun using Multivariate Statistical Techniques. *Journal of Environmental Protection* Vol. 4. No. 5: 466-478.
20. **Oketola, A.A.** and Fagbemigun, T. (2013). Determination of Nonylphenol, Octylphenol and Bisphenol-A in Water and Sediments of Two Major Rivers in Lagos, Nigeria. *Journal of Environmental Protection* Vol. 4. No. 7A: 38-45.
21. **Oketola, A.A.**, Adebisi, A.A. and Morakinyo, O. (2013). Distribution and Bioavailability of Metals in Gasoline Contaminated Sites in Lagos, Nigeria. *Journal of Solid Waste Technology and Management* Vol. 39. No. 3: 161-172.
22. **Oketola, A.A.** and Torto, N. (2013). Synthesis and Characterization of Poly(Styrene-co-Acrylamide) Polymers prior to Electrospinning. *Advance in Nanoparticles* Vol. 2. No. 2: 87-93.
23. Majolagbe, A.O., **Adeyi, A.A.** and Osibanjo, O. (2014). Hydrochemical Characterisation and Quality Assessment of Groundwater in the Vicinities of a Major Active Dumpsite in Lagos, Nigeria: The use of Multivariate Analytical Technique and Water Quality Indices. *European Water* Vol. 48: 29-42.
24. **Adeyi, A.A.**, and Torto, N. (2014). Profiling Heavy Metal Distribution and Contamination in Soil of Old Power Generation Station in Lagos, Nigeria. *American Journal of Science and Technology* Vol. 1. No. 1: 1-10.

25. **Adeyi, A.A.** and Majolagbe, A. O. (2014). Assessment of Groundwater Quality around Two Major Active Dumpsites in Lagos, Nigeria. *Global Journal of Science Frontier Research: B Chemistry*. Vol. 14, Issue 7, 1-13.
26. **Oketola, A.A.** and Akpotu, S.O. (2015). Assessment of Solid Waste and Dumpsite Leachate and Topsoil. *Chemistry and Ecology* Vol. 31. No. 2: 134-146.
27. Omenka, S.S. and **Adeyi, A.A.** (2016). Heavy Metal Content of Selected Personal Care Products (PCPs) available in Ibadan, Nigeria and their Toxic Effects. *Toxicology Reports* Vol. 3: 628-635.
28. Majolagbe, A.O., **Adeyi, A.A.** and Osibanjo, O. (2016). Vulnerability Assessment of Groundwater Pollution in the Vicinity of an Active Dumpsite (Olusosun), Lagos, Nigeria. *Chemistry International* Vol. 2. No. 4: 232-241.
29. Majolagbe, A.O., **Adeyi, A.A.**, Osibanjo, O., Adams, A.O. and Ojuri, O.O. (2017). Pollution Vulnerability and Health Risk Assessment of Groundwater around an Engineering Landfill in Lagos, Nigeria. *Chemistry International* Vol. 3. No. 1: 58-68.
30. Apanpa-Qasim, A.F.I., **Adeyi, A.A.**, Mudliar, S.N., Raghunathan, K. and Thawale, P. (2016). Examination of Lead and Cadmium in New Decorative Water-Based Paints Marketed in Nigeria. *Journal of Health & Pollution*. Vol. 6. No. 12: 43-49.
31. Osibanjo, O., **Adeyi, A.A.** and Majolagbe, A.O. (2017). Characterisation of Groundwater Quality around Soluos Dumpsite in Lagos, Nigeria. *International Journal of Water* Vol. 11. Issue 1: 44-58.
32. **Adeyi, A.A.** and Babalola, B.A. (2017). Lead and Cadmium in Residential Soils in Lagos and Ibadan, Nigeria. *Journal of Health & Pollution* Vol. 7. No. 13: 42-55.
33. **Adeyi, A.A.** and Oyeleke, P. (2017). Heavy metals and Polycyclic Aromatic Hydrocarbons in Soil from E-waste Dumpsites in Lagos and Ibadan, Nigeria. *Journal of Health & Pollution* Vol. 7. No. 15:71-84.
34. Apanpa-Qasim, A.F.I. and **Adeyi, A.A.** (2017). Assessment of Heavy Metals and Metalloids in Water-based Paints in Nigeria. *Jordan Journal of Chemistry* Vol. 12. No 2:51-69.
35. **Adeyi, A.A.** and Adeyemi, A.M. (2017). Characterisation and Leaching Assessment of Municipal Solid Wastes Generated in Lagos and Ibadan, Nigeria. *Nigerian Journal of Science* Vol. 51. No 1:47-56.
36. Abdulrafiu Majolagbe, Kafeelah Yusuf and **Adebola Adeyi** (2017). Environmental and Ecological Risk Assessment of Heavy Metal in Dredges Sediments in Lagos,

Nigeria: An Index Approach analyses. *Journal of Research and Review in Science*, Vol. 4, 129-137.

37. Babalola, B.A. and **Adeyi, A.A.** (2018). Levels, Dietary Intake and Risk of Polybrominateddiphenyl Ethers (PBDEs) in Foods commonly consumed in Nigeria. *Food Chemistry* Vol. 265: 78-84.
38. Apanpa-Qasim, A.F.I. and **Adeyi, A.A.** (2018). Oxygenated Volatile Organic Compounds (Anti-freezing Agents) in Decorative Water-based Paints Marketed in Nigeria. *Journal of Health & Pollution* Vol. 18, 180606.
39. Ajoke F. Idayat Apanpa-Qasim, **Adeyi, A.A.** and Rashmi Dixit (2018). Assessment of Film-Forminh Agent in Water-based Paints. *Jordan Journal of Chemistry*, Vol. 13, No. 2, 69-91.
40. **Adeyi, A.A.**, Toluwalope G. Abayomi, Mihir K. Purkait and Piyal Mondal (2019). Adsorptive Removal of Phosphate from Aqueous Solution by Magnetic-supported Kaolinite: Characteristics, Isotherm and Kinetic Studies. *Open Journal of Applied Sciences*, Vol. 9, 544-563.
41. **Adeyi, A.A.**, Basit Olayanju and Yakub Fatade. (2019). Distribution and Potential Risk of Metals and Metalloids in Soil of Informal E-waste Recycling Sites in Lagos, Nigeria. *Ife Journal of Science*, Vol. 21, No 3, 213-233.
42. **Adeyi, A.A.** and Adeyemi, A.M. (2019). Potential Occupational Health Effects of Municipal Solid Waste Management in Nigeria, the case of Lagos and Ibadan. *Ife Journal of Science*, Vol. 21, No 2, 417-430.
43. **Adeyi, A.A.** and Babafemi A. Babalola (2019). Bisphenol-A (BPA) in Foods commonly consumed in Southwest Nigeria and its Human Health Risk. *Scientific Reports*, Vol. 9:17458.
44. **Adeyi, A.A.** (2020). Distribution, Occurrence and Levels of Endocrine Disrupting Chemicals (EDCs) in Water, Sediment and Fish of Lagos Lagoon, Nigeria. *Ife Journal of Science*, Vol. 22, No 2, 057-074.
45. **Adeyi, A.A.**, Roseline F. Akanmu, Babafemi A. Babalola, Samson O. Akpotu (2020). Levels of Polybrominated Diphenyl Ether (PBDEs) in Indoor Dust in Lagos and Ibadan, Nigeria. *Microchemical Journal*, doi: <https://doi.org/10.1016/j.microc.2020.105132>
46. **Adeyi, A.A.** and Oladoye, P.O. and (2020). Assessment of Heavy Metals in Simulated Leachate and Ash of End-of-life Tyres. *International Journal of Environment and Waste Management*, Vol. 25, No 4, 474-486.

47. **Adeyi, A.A.**, Babafemi A. Babalola and Samson O. Akpotu (2020). Occurrence, Distribution, and Risk of Organochlorine Pesticides in Foods and Greenness Assessment of Method. *Environmental Science and Pollution Research* (In press)
  48. Apanpa-Qasim, A.F.I. and **Adeyi, A.A.**, Deshmukh, S. (2021). Modelling and Optimization of Metals (As, Ca, Cd, Cr, Cu, Fe, Mg, and Pb) and Ethylene Glycol Butyl Ether in Paints Using Response Surface Method. *Ife Journal of Science* Vol. 23. No. 2: 177-190.
  49. Flora E. Olaifa, Olowojuni, O., Osunkoya Dideolu and **Adebola A. Adeyi** (2022). Assessment of Organochlorine Pesticide Residues in *Oreochromis niloticus* (Linnaeus, 1758), *Clarias gariepinus* (Burchell, 1822) and *Hepsetus odoe* (Bloch, 1794) in Eleyele Lake, Oyo State, Nigeria. *FUW Trends in Science & Technology Journal*. Vol. 7 (2): 1186-1191
  50. **Adeyi, A.A.**, Basit Olayanju and Samson O. Akpotu (2024). Potential Eco-Toxicologic Risks of Endocrine Disrupting Compounds in Sediment of an urban Lagoon and Greenness Analysis of Analytical Methods. *Environmental Monitoring and Assessment* (In press).
- f. Books, Chapters in Books and Articles already accepted for publication:
- g. Technical Reports and Monographs:
51. **Adeyi, A.A.** (2013). In Situ Mid-Infrared Chemical Sensors for the Detection of Chlorinated and Aromatic Volatile Organic Compounds (VOCs) in Water submitted to TWAS-DFG, Italy.
  52. Ogundiran, M.B., **Oketola, A.A.**, Ajai, B., and Osibanjo, O. (2012). Prognosis on environmental and socio-economic effects in the targeted regions. Integrated Solid Waste Management in Western Africa. EU Seventh Framework Programme.
  53. Ogundiran, M.B., **Oketola, A.A.**, Ajai, B., and Osibanjo, O. (2012). Description and evaluation of policy measures. Integrated Solid Waste Management in Western Africa. EU Seventh Framework Programme.
  54. **Oketola, A.A.**, Ogundiran, M.B., Ajai, B. and Osibanjo, O. (2011) Inventory of the nine new Persistent Organic Pollutants (POPs) in South-East, South-South, and South-West, Nigeria. Basel Convention Coordinating Centre for the African Region, University of Ibadan. Federal Ministry of Environment, Abuja.
  55. **Oketola, A.A.** (2010). Preparation of Polymeric Nanoparticles by Soap-free Emulsion Polymerization prior to Electrospinning submitted to Organization for the Prohibition of Chemical Weapons, The Hague, Netherlands.

56. Adebisi L., Adeoti, L., Adesipe, K., Afolabi, F., Ajiboye, T., Alo, B., Basil-Sodeko, A., Fatokun, O., Isah, I.A., Laniyan, B., Nwosu, C., Osibanjo, O., Odunlami, C.A., **Oketola, A.A.** (2010) Site investigation case study: Nigeria. Old power generating station, Ijora, Lagos, Nigeria. Preliminary Site Investigation- Stage 1. In: Persistent Organic Pollutants: Contaminated Site Investigation and Management Toolkit. United Nations Industrial Development Organization (UNIDO) Publication.
57. Adebisi L., Adeoti, L., Adesipe, K., Afolabi, F., Ajiboye, T., Alo, B., Basil-Sodeko, A., Fatokun, O., Isah, I.A., Laniyan, B., Nwosu, C., Osibanjo, O., Odunlami, C.A., **Oketola, A.A.** (2010) Site investigation case study: Nigeria. Old power generating station, Ijora, Lagos, Nigeria. Preliminary Site Investigation- Stage 2. In: Persistent Organic Pollutants: Contaminated Site Investigation and Management Toolkit. United Nations Industrial Development Organization (UNIDO) Publication.
58. Adebisi L., Adeoti, L., Adesipe, K., Afolabi, F., Ajiboye, T., Alo, B., Basil-Sodeko, A., Fatokun, O., Isah, I. A., Laniyan, B., Nwosu, C., Osibanjo, O., Odunlami, C. A. and **Oketola, A.A.** (2010) Site Investigation Case Study: Nigeria. Old Power Generating Station, Ijora, Lagos, Nigeria. Detailed Site Investigation. In: Persistent Organic Pollutants: Contaminated Site Investigation and Management Toolkit. Austria United Nations Industrial Development Organization (UNIDO).

XI. Major Conferences/Workshops Attended with Papers Read (in the Last 5 Years):

1. **Adeyi, A.A.**, Olalekan J. Taiwo, Temitope E. Olalekan, and Abimbola M. Olatunde. (2018) Environmental and Health Impacts of Abandoned Mine Sites in Nigeria, the case of Granite Mine Sites at Eiye Village, Ogun State, Nigeria. Reporting Meeting of the UNESCO Project on “Environmental and Health Impacts of Abandoned Mines in Sub-Saharan African Countries”. UN Conference Room 7, Gigiri Complex, Nairobi, Kenya. 10-11 April, 2018.
2. Training on User Level in Industrial Energy Management System (EnMS) and Introduction to Resource Efficiency & Cleaner Production (RECP). United Nations Industrial Development Organization (UNIDO). Amber Suites, GRA Ikeja, Lagos 1-2 November, 2018.
3. Babafemi Babalola and **Adeyi, A.A.** (2018) Polychlorinated biphenyls (PCBs) in foods commonly consumed in South west, Nigeria. **7<sup>th</sup> EuCheMS Chemistry Congress**. Arena and Convention Centre, Liverpool, United Kingdom. 26-30 August, 2018.
4. **Adeyi, A.A.**, Olalekan Taiwo and Kitan Ogungbuyi (2018) Assessment of water quality of River channels in Ibadan, Nigeria. **7<sup>th</sup> EuCheMS Chemistry Congress**. Arena and Convention Centre, Liverpool, United Kingdom. 26-30 August, 2018.

5. Bright Sparks Symposium, Analytical Science Network. (2018) Manchester Institute of Biotechnology, Manchester, United Kingdom. 3 September, 2018.
6. GC-MS Training: A Hands-on Approach (Local trainer). (2018-2021) Royal Society of Chemistry and GSK, University of Lagos, Lagos, Nigeria 19-23 November, 2018.
7. Developing the Next Generation of Researchers. The Association of Commonwealth Universities. University of Ibadan, Ibadan, Nigeria. 2-4 April, 2019.



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Adebola A. Adeyi

---02/07/2024-----  
Date