

CURRICULUM VITAE

1. **Full Name (Surname first):** TOYEJE, Adekunle Bamidele
2. **Place and Date of Birth:** Ile - Ife and 23rd October, 1976
3. **Nationality** Nigerian
4. **State of Origin:** Ondo State
5. **Senatorial District:** Ondo South
6. **Local Government Area:** Irele L.G.A.
7. **Permanent Home Address:** 29, Olokun Quarter's Off Fajuyi Road Ile – Ife,
Osun State.
8. **Present Postal Address:** Department of Physics and Engineering Physics,
Obafemi Awolowo University, Ile – Ife,
Osun State, Nigeria
 - (a) **Phone Numbers:** 08032430916, 08137813568, 08073515143
 - (b) **E-mail address:** adebamitoy@gmail.com, adebamitoy01@yahoo.com
9. **Marital Status:** Married
10. **Number of Children and their Ages:** Four (11 years, 9 years, 7 years and 5 years)

11. Educational Institutions Attended with dates

- (i) Obafemi Awolowo University, Ile-Ife, Nigeria 2017 – 2023
- (ii) Obafemi Awolowo University, Ile-Ife, Nigeria 2013 – 2016
- (iii) Obafemi Awolowo University, Ile-Ife, Nigeria 2007 – 2010
- (iv) Osun State College of Education, Ilesa, Osun State 2000 – 2003

12. Academic and Professional Qualifications (with dates)

- (i) Ph.D. (Physics) 2023
- (ii) M.Sc. (Physics) 2016
- (iii) B.Sc.Ed. (2nd Class Honours Upper Division) 2009
- (iv) N.C.E. (Computer/Physics) 2003

13. WORK EXPERIENCE WITH DATES

(A) Previous Work Experience outside the University System with Dates:

- (i) Best Legacy Nursery and Primary School, October 2013 – July 2015
Afolabi Avenue, Parakin, Ile – Ife, Osun State
Duty: *Administrative Head*
- (ii) Sunshine Nursery and Primary School, March 2005-February 2013
Hezekiah Oluwasanmi Road, Ile Ife, Osun State
Duty: *Computer Teacher, Instructor, Servicing & Maintenance of systems in the school*

(B) Previous Work Experience in Other Universities:

- (i) JUBEB Practical Instructor (*Physics*),
Department of Physics and Engineering Physics,
OAU, Moro Campus, Ile – Ife. July 2019 – till date
- (ii) Research Assistant, Environmental Research Laboratory,
Department of Physics and Engineering Physics,
OAU, Ile-Ife. July 2016 – till date
- (iii) Part One Practical Instructor (*Part time*),
Department of Physics and Engineering Physics,
OAU, Ile-Ife. July 2015 – till date
- (iv) Part One Tutorial Instructor (*Part time*),
Department of Physics and Engineering Physics,
OAU, Ile-Ife. July 2015 – till date
- (v) Research Assistant, Atmospheric Research Laboratory,
Department of Physics and Engineering Physics,
OAU, Ile-Ife. July 2013 – April. 2015

(C) MEMBERSHIP OF PROFESSIONAL BODIES

- (i) Member Nigerian Institute of Physics (MNIP)
- (ii) Member, International Association of Hydrological Sciences (IAHS) (17778)
- (iii) Member, American Physical Society (APS) (62002790)
- (vi) Member, American Association of Physics Teachers (AAPT) (126791)
- (vii) Community Modelling and Analysis System (CMAS)

(D) PUBLICATIONS

1. Thesis/Dissertation:

- i) **Toyeje A.B., (2023):** Measurement and Near-Road Dispersion Modelling of Airborne Pollutants along Vehicular Corridors in Ile – Ife, Nigeria.
- ii) **Toyeje A. B., (2016):** Evaluation of the Performance of some Evapotranspiration Models at a Tropical Location in Ile – Ife, Nigeria. (Published M.Sc. Thesis, Obafemi Awolowo University, Ile – Ife, Nigeria).
- iii) **Toyeje A. B., (2010):** The Impact of Physics on Nation Building (Unpublished B.Sc. Thesis, Obafemi Awolowo University, Ile – Ife Nigeria).

2a. Published Journal Articles (numbered chronologically in the following format) Surname, Initials, Year, Title of Article, Journal, Volume (no), first-last page:

- (i) Ayodele P. Olufemi, Olusegun G. Fawole, Oyediran K. Owoade, Olalekan A.M. Popoola, Roderic L. Jones, Adekunle B. Toyeje, Pelumi O. Abiodun, Opeyemi R. Omokungbe, Olawale E, Abiye Lukman A. Sunmonu (2023): Spatiotemporal Distribution of Pollutants and impact of Local Meteorology on Source Influence on Pollutants’ Level in a Traffic Air-Shed in Lagos Megacity, Nigeria. *Environmental Monitoring and Assessment* **195 (9), 1-23**
<https://doi.org/10.1007/s10661-023-11757-x>

- (ii) Opeyemi R. Omokungbe, Ayodele P. Olufemi, **Adekunle B. Toyeye**, Pelumi O. Abiodun (2023): Investigating the evolution of gaseous air pollutants with prevailing meteorology across selected site within a pollution hotspot in Ile – Ife, Southwestern, Nigeria. *Discover Environment* 1 (5), 1
- (iii) Adebisi S. Adebayo, Ayodele P. Olufemi, Lasun T. Ogundele, Omoeunmi Q. Okunnuwa, **Adekunle B. Toyeye**, Christopher J. Olowookere (2022): Heavy Metal Contamination status, ecological and human health risk assessments in soil and tailing from Ife-Ijesha Gold Mining Area, Southwest Nigeria. *Journal of Environmental Health Science and Engineering*, <https://doi.org/10.1007/s12665-022-10581-9>
- (iv) Opeyemi R. Omokungbe, Ayodele P. Olufemi, Muritala A. Ayoola, **Adekunle B. Toyeye**, Oladimeji A. Babatunde (2022): Statistics of Atmospheric Surface Turbulence over a Tropical region: A case study of Ile –Ife, Nigeria. *Modeling Earth Systems and Environment*, <https://doi.org/10.1007/s40808-022-01496-2>.
- (v) **Toyeye A. B.**, Sunmonu L. A., Babatunde O. A., Olufemi A. P., Abiye O. A., Soneye O. O., Omokungbe O. R., Obisesan O. E. (2020): Evaluation of the Performance of some Evapotranspiration Models at a Tropical Location in Ile – Ife, Nigeria. *Asian Journal of Applied Sciences*, 8(6). <https://doi.org/10.24203/ajas.v8i6.5854>.
- (vi) Opeyemi R. Omokungbe, Olusegun G. Fawole, Oyediran K. Owoade, Olalekan A.M. Popoola, Roderic L. Jones, Felix S. Olise, Muritala A. Ayoola, Pelumi O. Abiodun, **Adekunle B. Toyeye**, Ayodele P. Olufemi, Lukman A. Sunmonu, Olawale E. Abiye (2020): Analysis of the variability of Airborne Particulate Matter with Prevailing Meteorological conditions across a semi-urban environment using a Network of low-cost Air Quality Sensors **DOI 10.1016/j.heliyon.2020.e04207 (Heliyon)**

2b. Published Journal Articles (numbered chronologically in the following format) Surname, Initials, Year, Title of Article, Journal, Volume (no), first-last page: None

2c. Manuscripts Submitted for Publication:

- (i) Oladimeji A. Babatunde, Ayodele P. Olufemi, Lukman A. Sunmonu, Opeyemi R. Omokungbe, **Adekunle B. Toyeye**, Omodara E. Obisesan: Determination of Near-Surface Turbulent Fluxes at a Tropical Location: An Evaluation of Flux-Profile Technique. (**Under Peer-review, Bulletin of Atmospheric Science and Technology, Springer**)
- (ii) Opeyemi R. Omokungbe, Oluwaseun O Ajileye, Ayodele P. Olufemi, Babatunde A. Rabi, **Adekunle B. Toyeye**, Damilare S. Adepehin, Gregory S. Jenkins: Seasonal variability of particulate matter (PM) pollutants in Abuja, Nigeria (**Under review: Environmental Monitoring and Assessment**)

2d. Papers and Works in Progress:

- (i). Measurement and Near-Road Dispersion Modelling of Airborne Pollutants along Vehicular Corridors in Ile – Ife, Nigeria.

2e. Honours/Distinctions with Date:

- (i) Scholarship: Federal Government Scholarship, 2002
- (ii) Research Grant: Nill
- (iii) National Awards: Nill
- (iv) International Awards: Nill

14. CONFERENCES AND WORKSHOPS ATTENDED WITH DATES

- (i) National Air Quality workshop: International Conference on COVID-19 Air Quality and Environment, Osun State University, Osogbo, Nigeria. 29th August – 2nd September, 2022.
- (ii) National Air Quality workshop: Air Quality issues in National Planning; Assessing Present Status and Predicting Future Trends in Nigeria; Bowen University, Iwo, Osun State, Nigeria, 28th – 30th August, 2019.
- (iii) National Air Quality workshop: Air Quality Research Development, The Nexus, Prospects and Challenges; Centre for Atmospheric Research, Kogi State University, Anyigba, Kogi State, Nigeria, 13th – 16th March, 2018.
- (iv) Annual Faculty of Science Conference, Obafemi Awolowo University, Ile – Ife, Nigeria September, 2018.

Extra-Curricular Activities: Travelling and Footballing

Referees: Prof. A. A. Adelusi

Faculty of Science
Department of Botany
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Prof. A. A. Onayade

College of Health Sciences
Department of Public/Comm. Health
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