

i. **Biography of Dr Adekitan, Abimbola Adetoun**

Adekitan Abimbola Adetoun was born on the 9th of November, 1977 into the family of late Mr Babatunde Agboola Oluremi Adekitan and Deaconess (Mrs) Temitayo Adeola Olufemi Adekitan. She attended Fazil-Omar Ahmaddiyya Primary School, Lagos State from 1983-1989 and proceeded to Ebute-Elefun High School, Lagos from 1989 – 1995. She had her First degree in Bachelor of Water Resources Management (Hydrology option) in the year 1998 – 2004 at the Department of Water Resources Management and Agrometeorology, Federal University of Agriculture, Abeokuta. She continued with her Master's degree in Water Resources Management between the year 2006-2011. She started her P.hD immediately in the same Department and bagged her degree between 2012-2018. She has risen through the ranks of her academic pursuit as an Assistant Lecturer, Lecturer II, Lecturer I and Senior Lecturer on the 2023 promotion exercise at the Federal University of Agriculture, Abeokuta Ogun State, Nigeria. She has used almost 10 years as a lecturer in the University and has taught several courses at both Undergraduate and Postgraduate levels. She is involved in teaching, and has supervised 55 Undergraduate students and co-supervised three (3) Postgraduate students. She is a member of Central Timetable Committee, and a member of the College Board in the College of Veterinary Medicine and the Seminar Coordinator for undergraduate students. She is also involved in Departmental Assignments, College Assignment and University assignment as well as Community Services. She has received a lot of letter of Commendation from the Vice Chancellor and belongs to various professional bodies. She has to her credit publications in both local and foreign learned journals, and in Conference Proceedings. She does her work with diligence and enthusiasm. She has attended different Conferences with papers read, and belongs to Academic Professional bodies.

ii. Passport-sized Photograph:

iii. Personal information

iv. Department : Water Resources Management and Agrometeorology

v. Email Address: adekitanaa@funaab.edu.ng, abimbolaadetoun@yahoo.com

vi. Phone number: 08038258205

vii. Rank: Senior Lecturer

- viii. Designation: 6, Abule Akin, Wonderland Estate, Kotopo Abeokuta, Ogun State Nigeria.
- ix. Research gate Address: <https://www.researchgate.net/profile/Adetoun-Adekitan>
- x. LinkedIn Address: <https://www.linkedin.com/in/adetoun-adekitan-965781150>
- xi. Google Scholar profile: [Abimbola Adekitan - Google Scholar](#)
- xii. ORCID Number: [Adetoun Adekitan \(0000-0002-6592-4955\) - ORCID](#)
- xiii. Qualification: Ph.D.
- xiv. Membership of Professional Bodies
 - Member, International Association of Hydrological Sciences.
 - Member, International Water Resources Association.
- xv. Award Received
 - a. Christ Apostolic Church Good Women Award, Miami Florida 1999
 - b. Federal University of Agriculture, Abeokuta Graduate Fellowship Award 2004–2009
- xvi. Research Conducted

(a) Research Completed

- i. Comparative study of natural coagulants (Neem, Papaya seed, Sodium apple, *Moringa oleifera*) and chemical coagulant (Aluminum Hydroxide) in water treatment. 2022
- ii. Effect of fish farming activities on water quality of Asejire Dam Egbeda Local Government Area. 2022
- iii. Comparative analysis of water quality stored in concrete and steel tanks in Ijebu-Ode Water Cooperation. 2022
- iv. Evaluation of leachate pollution on surface water quality in Abeokuta North Local Government Area. 2021
- Effects of leachates from Industrial/Municipal Waste Dump sites on Groundwater quality in Sango –Otta, Ogun State. 2018.

(b) Research in Progress

- i. Impact of Effluent Discharge on Groundwater Quality in Odeda Local Government Area.
- ii. Effect of Chemical and Natural antibiotics in water and the performance of growth rate in birds.

- iii. Efficiency of Orange and Banana peels in the removal of heavy metals in waste water.
- iv. Design and construction of low cost water Treatment plant for household use.
- v. Impact of limestone mining on Groundwater in Lafarge Ewekoro Cement Depot.
- vi. The impact of water from Hand-dug well and river water on the Physiological growth of Noilers and Boilers.
- vii. Effective studies on the growth performance of Cockerel birds fed with treated and untreated well water.
- viii. Impact of Limestone mining on surface water quality in Ewekoro Local Government Area.

xvii. **Conferences attended**

- i. 21st Century: Leading Edge Perspectives, Science and Application held at University of Ilorin, September
2012**Paper Presented**

Comparative study of *Moringa oleifera* and Aluminum Hydroxide Chloride in Greywater Treatment in Abeokuta Ogun State, Nigeria.

- ii. 8th National Water Conference held at Obasanjo Library, Ogun State, Nigeria in December.

2018

Paper Presented

Effect of indiscriminate disposal of waste in Sango-Otta Ogun State Nigeria.

- iii. 3rd World Environmental Conservation Conference

June,2020

Paper Presented

Effect of Locust Beans Production on surface water quality in some parts of Abeokuta and its environ.

DMU/FUNAAB GCRF ENHANCE water workshop,

July,2021

Paper Presented

Comparative study of Greywater treatment using *Moringa oleifera* and Aluminum Hydroxide Chloride.

xviii. **Publications**

1. **Adekitan, A. A.**, Ojekunle O. Z., Awomeso, J. A., and Martins O. (2015) Comparative study of grey water treatment using *Moringa oleifera* and Aluminum hydroxide Chloride as coagulants. *Journal of Agricultural Science and Environment*, 15(2): 115-123
Published by Federal University of Agriculture, Abeokuta. Available online @www, journals @ funaab, edu, ng.
2. Amori, A. A., Odjegba, E. E and **Adekitan, A. A.** (2015) Assessment of Public Perspective on Quality Control Measures in Public Water supply in Oyo State, Nigeria. *Journal of Applied Science and Environmental Management*, 18 (4): 1119-8362.

Published by University of Port Harcourt, Nigeria. Available online @ www.ajol.info and www.bioline.org.br/ja.

- f3. Ojekunle, O. Z., Ojajuni, K. O., Sangowusi, R. O., Oyebanji, F. F., Ojekunle, V.O., **Adekitan, A.A** and Odjegba, E. E. (2015) Evaluation of Soil Contaminant Level at Dumpsites in Nigeria. *Elixir Agriculture* 80:30995-31001. ISSN 2229-712X.
4. Ojekunle, O. Z., Ojekunle, V.O., Adeyemi, A. A., Taiwo, G. A., Sangowusi, O. R., Taiwo, A. M and **Adekitan, A. A.** (2016) Evaluation of Surface water quality Indices and Ecological Risk Assessment for Heavy Metals in Scrapyard Neighborhood. *Springerplus*: 5, 560. <https://doi.org/10.1186/s40064-016-2158-9>. Published by Springer. Available online @ www.ncbi.nlm.gov/pmc/articles/PMC4856710. Indexed by PubMed Central and Scopus®.
5. **Adekitan, A. A.**, Martins, O., Awomeso, J. A., Ojekunle, O. Z and Taiwo, A. M (2016) Effects of leachates from Municipal Waste Dump sites on groundwater in Sango-Otta, Ogun Nigeria. *Apex Journal*, 5(7): 220-228. Published by Apex Journal. Available online [http://: @www.apexjournal.org](http://www.apexjournal.org).
6. **Adekitan, A. A.**, Martins, O., Awomeso, J. A., Ojekunle, O. Z and Taiwo, A. M (2016) Effects of effluent discharge from industries on groundwater in Sango-Otta, Ogun State, Nigeria. *Apex Journal*, 5(7):229-242. Published by Apex Journal. Available online @ www.apexjournal.org.
7. **Adekitan, A. A.**, Odunsi, H., Martins, O., Awomeso, J. A. and Ojekunle, O. Z (2017). The impact of waste generated from automobile service stations on groundwater in some parts of Abeokuta Ogun State Nigeria. *Scholarly Journal of Biological Science* Vol, 6(2), pp 38-47. Published by SJBS, Nigeria.
8. Adejuwon, J. O., **Adekitan, A. A.** and Oladunmoye, S. L (2018) Public Perception and evaluation of surface water bodies in Osogbo Osun State Nigeria. *Journal of Applied Science and Environmental Management*, 22 (10): 1567–1571. Published by University of Port Harcourt, Nigeria. Available online @ <https://www.bioline.org.br/ja>
9. Adejuwon, J. O., Odusanya, A. E and **Adekitan, A. A.** (2019) Evaluation of changing pattern in livestock types in Sokoto-Rima River Basin, a Tropical Semi- Arid Region of

Nigeria. *Journal of Applied Science and Environmental Management*, 23 (4): 747–751.
Published by University of Port Harcourt, Nigeria. Available online
<https://www.ajol.info//index.php/jasem>.

10. **Adekitan, A. A.** and Ashiru, A. A (2019) Quality of Groundwater around Fish Pond in Selected areas of Olorunda Local Government Area Osogbo, Osun State Nigeria. *Journal of Scientific Research and Essay* Vol. (8) 7–16. Published by SJSRE, Nigeria.
- f* 11. **Adekitan, A. A.**, Olaonipekun, S. O., Adejuwon, J. O. and Bankole A. O. (2019) Impact of human activities on some selected parts of Ogun River Abeokuta, Ogun State, Nigeria. *International Journal of Scientific & Engineering Research* Vol.10 (12) 805-829. Published by IJSER, USA
- *f* 12. **Adekitan, A.A** and Bankole, A.O (2021) Assessment of surface water within and outside Federal University of Agriculture, Abeokuta (FUNAAB) Ogun State Nigeria for irrigation in *Journal of Agriculture and Environmental Research*, Vol 8(2): 25-29. Published by Journal of Agriculture India. ISSN: - E-ISSN: 2455 – 6939.
- *f* 13. **Adekitan, A. A.** and Dada, V. O. (2021) Geophysical Characterization of Basement Rock and Groundwater Potential Using Integrated Techniques in Odeda General Hospital, South-West, Nigeria. *Journal of Environmental Science, Technology and Food Technology* (IOSR-JESTFT); 15(2):01-06. Published by International Organization of Scientific Research (IOSR). ISSN: 2319-2399.
- *14.* Dada, V. O., **Adekitan, A.A.** and Onasanya, H.O. (2022) Electrical Resistivity Investigation of the Groundwater Potential in Olorunredo Community, Abeokuta, Ogun State, Nigeria. *Journal of Meteorology and Climate Science*. 21(1):104-113. Published by Nigerian Meteorological Society Nigeria. Available online at <https://www.ajol.info/index.php/jmcs/article/view/235462/222456>.
- *15.* Adejuwon, J. O., Olakulehin, S.O., **Adekitan, A. A.**, Olagoke, V.O. and Layi-Adigun B. O. (2022) Analysis of the Morphometric Characteristics and the Hydrological Behaviour of Alaro River, Ibadan Using Geographical Information System. Nigerian *Journal of the Hydrological Sciences* 9(1): 8-15. Published by Nigerian Association of Hydrological Sciences.

- *16. Amujo, B. T., Towolawi, A. T., **Adekitan, A. A.**, Odjegba, E. E., Abolayo, T. T., and Ojekunle, O. Z (2022) Evaluation of Seasonal Water Quality of Drinking Water in Six Residential Estates across Ogun State in Nigeria. *Journal of Applied Science Environmental Management*. Vol 26 (2): 349 – 356. Published by the University of Port Harcourt, Port Harcourt, Nigeria.
- *f 17. **Adekitan, A.A.**, Oyewumi, J.O. and Dada V.O (2023) Effect of Surface water Pollution on Odo Ona River, Oyo State, Southwest, Nigeria. *CEOS Environmental Science and Ecology*, Vol 1(1):104. Published by CEOS Publishers.com. ISSN 26664984.
18. **Adekitan, A. A.**, Oyewumi, Johnson., Dada, Victoria., Barakat, Layi-Adigun and Raheem, Ismail (2023). Use of Neem Leaf, Pawpaw Seed and Moringa Seed as Natural Coagulants for Surface Water Treatment *Journal of Applied Science and Environmental Management*. Vol 27(7): 1347 – 1352. Published by the University of Port Harcourt, Port Harcourt, Nigeria.

f Articles in Foreign / International Journal

*Additional articles after last promotion

Papers in Edited Conference Proceedings

19. **Adekitan, A. A.**, Martins, O., Awomeso, J. A and Idowu, O.A (2012) Effectiveness of *Moringa oleifera* seed powder in Greywater Treatment. **Proceeding of National Conference of Forests and Forest Product Society**, B.O. Agbeja; V.A.J, Adekunle; P.O, Adesoye and Oladeji A.O (Eds) 558-563. Published by Forest and Forest Society.
20. **Adekitan, A. A.**, Dada, V.O and Oderinde, G. O (2020) The Effect of Locust Beans Production on surface quality in some parts of Abeokuta North Local Government Area Ogun State. **Proceeding of World Environmental Conservation Conference for Strategies for improved quality of life**, S.O. Agele and S.O Oladeji (Eds), 110-119. Published by Environmental Conservation Organization Akure.