

CURRICULUM VITAE

01. PERSONAL DATA

- i. Name: ODJEGBA Enovwo Erere
- ii. Date of Birth: 10th April, 1982
- iii. Place of Birth: Ipokia, Ogun State
- iv. Age: 43 years
- v. Sex: Female
- vi. Marital Status: Single
- vii. Nationality: Nigerian
- viii. Town and State: Okpara – Inland, Delta State
- ix. Contact Address: Department of Water Resources Management and Agrometeorology, College of Environmental Resources Management, Federal University of Agriculture, Abeokuta, Nigeria
- x. Phone Numbers: +2347037784540, +2348054244991
- xi. E-mail: odjegbaenovwo13@gmail.com
odjegbaee@funaab.edu.ng
- xii. Present Post and Salary: Senior Lecturer; CONUASS 05 Step 02

02. EDUCATIONAL BACKGROUND

i. Institutions attended with Dates

- a. Federal Government College Staff Pry Sch., Sokoto State 1987 to 1992
- b. Igbesa High School, Igbesa, Ogun State 1993 to 1999
- c. University of Agriculture, Abeokuta, Ogun State 2001 to 2006
- d. Federal University of Agriculture, Abeokuta, Ogun State 2008 to 2012
- e. Federal University of Agriculture, Abeokuta, Ogun State 2013 to 2019
- f. Erasmus University, Rotterdam, The Netherlands 2023

ii. Academic and Professional Qualifications with Dates

- a. Primary School Leaving Certificate 1992
- b. West African School Certificate 1999
- c. B.Sc. Water Resources Management & Agrometeorology (Hydrology Option) 2006
- d. M.Sc. Water Resources Management 2012
- e. PhD Water Resources Management 2020
- f. Postgraduate Diploma (Climate Change) 2023

iii. Prizes, Honours, Scholarship, Grants, National and International Recognition

a.	CAPES Fellowship (Postdoctoral Fellowship) CAPES/PrInt Programa Institucional De Internacionalização Universidade Estadual Paulista Júlio De Mesquita Filho (SEDE) São Paulo, Brazil	2023	
b.	Orange Knowledge Programme (OKP) Scholarship Postgraduate Diploma: Urban Management Tools for Climate Change (UMTCC) Erasmus University Rotterdam, The Netherlands	2023	
c.	Young Talent Scholarship Fellowship (Postdoctoral Fellowship) CAPES Fellowship (Postdoctoral Fellowship) CAPES/PrInt Programa Institucional De Internacionalização Universidade Estadual Paulista Júlio De Mesquita Filho (SEDE) São Paulo, Brazil	2022	
d.	Water and Health Conference Scholarship University of North Carolina, Chapel Hill, USA	2022	
e.	Orange Knowledge Programme (OKP) Scholarship Short course: Decentralised Water Supply and Sanitation IHE Delft Institute for Water Education, The Netherlands	2022	
f.	Federal Government of Nigeria's National Water Resources Institute Research Grant. Comparative Assessment of Kenaf (<i>Hibiscus cannabinus L.</i>) fibres and Moringa (<i>Moringa oleifera</i>) seeds biosorption potentials in high turbid water treatment	2020	
g.	Bill and Melinda Gates Foundation Scholarship (Water and Health Conference)	2019	
h.	University of Colorado Water Sanitation and Hygiene (WaSH) Symposium Travel grant	2019	
i.	Bill and Melinda Gates Foundation Scholarship (Water and Health Conference)	2018	
j.	Federal Government of Nigeria's National Economic Empowerment and Development Strategies (NEEDS) Assessment Intervention Fund (NAIF) Award for PhD Research	2017	
k.	Best graduating Student 2005/2006 Session awarded by the Department of Water Resources Management and Agrometeorology, University of Agriculture, Abeokuta, Nigeria	2006	2006

iii. Details of Previous and Active Research Grants

S/No	Awarding Body	Name of Grant Holder	Title of Project	Amount Awarded	Role in Project	Start and End Dates
Completed Research Grants:						
1	NEEDS Assessment Intervention Fund (NAIF)	Enovwo Erere ODJEGBA	Assessment of Sustainability and Risks of Drinking-Water Supply Systems in Ogun State, South-west Nigeria	₦6,499,327.00	Lead Applicant	Oct., 2018 to March, 2019

2	National Water Resources Institute Research Grant	Grace. O. OLUWASANYA Enovwo Erere ODJEGBA	Comparative Assessment of The Potential of Selected Nature-Based Media in Water Purification	₦800,000.00	Project Officer	March 2020 to Feb., 2021
3	CAPES/PrInt Programa Institucional De Internacionalização, Brazil	Enovwo Erere ODJEGBA	Biosorption Efficiency of Fibres and Seeds from Selected Varieties of Kenaf (<i>Hibiscus cannabinus</i>) in Turbid Water Treatment	R\$ 57,000.00	Lead Applicant	Sept. 2022 to March, 2023
4	CAPES/PrInt Programa Institucional De Internacionalização, Brazil	Enovwo Erere ODJEGBA	Application of Fibres and Seeds Powder Composites of Kenaf (<i>Hibiscus cannabinus</i>) in the Removal of Microplastics and Natural Organic Matter from Water	R\$ 40,000.00	Lead Applicant	July 2023 to Dec. 2023
Active Research Grants:						
5	Water and Development Partnership Programme (DUPC3) Project	Enovwo Erere ODJEGBA	‘Stakeholder Participation to Enhance Drought Resilience through Reinforced Indigenous Knowledge and Smart Tools for Socially-Just Water Management in Ogun River Basin’	€122,050.00	Lead researcher (Nigeria)	June 2023 to Dec.2026
6	Brazilian Government CNPq grant	Enovwo Erere ODJEGBA	Flocculation Optimisation for Microplastic Removal from Water in Developing Countries using Natural Coagulant (NatFloW): A Combined Experimental and Numerical Approach	R\$ 398.328,09	International Collaborator	January 2024 –to January 2026

03. WORK EXPERIENCE

- i. SIWES Trainee,
Consolidated Foods & Beverages Lagos State, Nigeria 2005
- ii. Subject Teacher,
EDMADEC College, Lagos State, Nigeria 2006 to 2007
- iii. Supervisor,
Sokoto State Water Board, Sokoto State, Nigeria
(National Youth Service Corp) 2007 to 2008
- iv. Subject Teacher,
Stephen Centre International School, Abeokuta,
Ogun State, Nigeria 2008 to 2009
- v. Associate Lecturer (Part - time)
Department of Water Resources and Sanitation
Ogun State College of Health Technology, Ilese, Ogun State, Nigeria 2009 to 2010
- vi. Subject Teacher,
Sacred Heart Catholic College, Abeokuta, Ogun State, Nigeria. 2010 to 2013
- vii. Assistant Lecturer,
Department of Water Resources Management,
Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. 2014 to 2017
- viii. Visiting Graduate Researcher,
University of Kentucky, Lexington, Kentucky, USA 2018 to 2019
- ix. Lecturer II,
Department of Water Resources Management,
Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. 2017 to 2020
- x. Lecturer I
Department of Water Resources Management,
Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. 2020 to 2023
- xi. Senior Lecturer
Department of Water Resources Management,
Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. 2023 to Date

Courses taught at Undergraduate Level

Courses	Course Units	Contact Hours	No. of Students	No. of Lecturers
WMA 204	2	2	110	2
WMA 301	2	2	158	2
WMA 303	2	2	100	2
WMA 320	2	2	100	3
WMA 318	2	2	320	2
WMA 413	2	2	120	2
WMA 421	1	2	90	1
WMA 503	3	2	70	2
WMA 509	3	2	70	2
WMA 516	3	2	70	2

Courses taught at Postgraduate Level

Courses	Course Units	Contact Hours	No. of Students	No. of Lecturers
WMA 817	3	2	40	2
WAP 801	3	2	5	2
WAP 824	2	2	5	1
WAP 822	3	2	5	1
WAP 831	2	2	5	1

Supervision of Undergraduate Students

B.Sc Water Resources Management Projects 100 Completed
12 On – going

04. SPECIAL ASSIGNMENTS / COMMUNITY SERVICE

Departmental Assignments

- i. Departmental Correspondent for 'FUNAAB Bulletin' a weekly publication of the Public Relations Unit of the Federal University of Agriculture, Abeokuta 2014 to Date
- Examination Officer for Part - time Degree Programme (PTDP) in the Department of Water Resources Management and Agrometeorology 2014 to 2018
- Departmental Representative, Committee on review of College of Environmental Resources Management (COLERM) Handbook 2014
- ii. Secretary at Departmental Academic Board of the Department of Management and Water Resources Agrometeorology 2014 to 2019
- iii. Course Adviser to 200 level students, 2014 to 2015
- iv. Course Adviser to 300 level students, 2016 to 2017
- v. Course Adviser to 200 level students, 2017 to 2018
- vi. Course Adviser to 400 level students, 2023 to Date
- vii. Student Industrial Work Experience Scheme (SIWES) Coordinator, Department of Water Resources Management and Agrometeorology 2017 to 2024

College Assignments

- i. Member, COLERM Board 2014 to Date
- ii. Secretary, COLERM Ceremonial and Building Management Committee, 2014 to 2018
- iii. COLERM College Representative, Bursary Department/Unit 2017 to 2018
- iv. COLERM College Representative, ICTREC 2019 to Date

University Assignments

- i. Member Local Organizing Committee of the Nigeria Meteorological Society Conference, Abeokuta 2016
- ii. Member Local Organizing Committee of the Seed Scientists Association Conference, Abeokuta 2016
- iii. Member Local Organizing Committee of the International Medical Geologists Association Conference, Abeokuta 2019
- iv. Member Local Organizing Committee of the ASUU-UNAAB National Executing 2019

- Council Meeting
- v. Assistant Coordinator, Part-time Degree Programme, FUNAAB. 2021 to 2024
 - vi. Coordinator, Part-time Degree Programme, FUNAAB. 2024 to Date
 - vii. Member, Admissions Committee (ADMICO) 2024 to Date

National Assignments

- i. Chairman, Technical Committee on Nigerian Standard for Ambient Water Quality 2022
- ii. Member, Nigeria's National Core-Group on Water Quality 2022
- iii. Member, Committee of Experts on the development of Nigerian Standard for Irrigation Water Quality 2022
- iv. Interim Chairman, Working Group on Nigerian Standard for Irrigation Water Quality 2023
- v. Chairman, National Mirror Committee/Technical Committee on Water Quality, Standards Organisation of Nigeria (SON) 2024 to Date

International Assignment

- i. Member, Technical Committee on Water Reuse, International Standard Organisation 2026 – Date

External Reviewer

- i. Department of Environmental Health, University of Johannesburg, South Africa (Review of Undergraduate Report) 2020 to 2022

Community Service

- i. Chorister, Living Faith Church (Winners Chapel), Idi - Aba, Abeokuta, Ogun State 2011 to 2013
- ii. Member, Hospitality Unit, Living Faith Church (Winners Chapel), Quarry Road, Abeokuta, Ogun State 2013 to 2015
- iii. Home cell Minister, Winners Satellite Fellowship Living Faith Church (Winners Chapel), Quarry Road, Abeokuta, Ogun State 2013 to 2015
- iv. Member, Teenage Teachers, Teenagers Church, Living Faith Church (Winners Chapel), Obantoko, Abeokuta, Ogun State 2015 to 2022
- v. Home cell Minister, Winners Satellite Fellowship Living Faith Church (Winners Chapel), Obantoko, Abeokuta, Ogun State 2015 to 2018
- vi. Field Volunteer for WaterStep, USA: distribution of Sodium Hypochlorite to Healthcare Facilities in Ogun State. Bleach was manufactured using Bleachmaker donated by WaterStep, Louisville, Kentucky, USA 2020 to Date
- vii. Unit Head/Coordinator, Teenagers Church, Living Faith Church (Winners Chapel), Obantoko, Abeokuta, Ogun State 2021 to 2022
- viii. Sensitization on the Causes, Impacts of Flooding, presented on a Yoruba Radio Programme 'San An Larin' on Family FM, Abeokuta, Ogun State, Nigeria (15th September 2022) 2022
- ix. Community sensitization on the Influence of Climate Change on the Causes of Flooding and Mitigation processes, presented on a Yoruba Radio Programme 2022

- ‘San An Larin’ on Family FM, Abeokuta, Ogun State, Nigeria (19th April 2022)
- x. Subject Matter Expert (Speaker), West Africa Regional ECHO (WARE) 2024
Lecture Series “Waterborne Diseases and Climate Resilience” (21st May 2024)

05. TRAINING PROGRAMMES ATTENDED WITH DATES

- i. Water Safety Planning Workshop for Water Service Providers in Nigeria, A 2-day Training organized by Federal Ministry of Water Resources, Enugu, Nigeria, March 3 – 4, 2020
- ii. Water Safety Planning Workshop for Water Service Providers in Nigeria, A 2-day Training organized by Federal Ministry of Water Resources, Lokoja, Nigeria, August 6 – 7, 2019
- iii. Manuscript Development, Peer Review and Critiquing Workshop, A one-day Workshop organised by FUNAAB Journals Editorial Office, 3rd July, 2019
- iv. Addressing Learner Variability with Universal Design for Learning (UDL) Graduate Workshop organized by the Center for the Enhancement of Learning and Teaching (CELT), University of Kentucky, Lexington, Kentucky, USA, 20th February 2019
- v. The Lecture isn’t Dead, A one – day training organized by the Center for the Enhancement of Learning and Teaching (CELT), University of Kentucky, Lexington, Kentucky, USA, 12th February 2019
- vi. Water, Sanitation and Health (WASH) Training organized by WaterStep, Louisville, Kentucky, USA 10th January 2019
- vii. Student Industrial Work Experience Scheme (SIWES) 2 - day Step – Down Capacity Building Workshop for Departmental SIWES Coordinators, Farm Practical Year Coordinators and College Representatives, Organized by the Directorate of Students Industrial Work Experience Scheme, July 17 – 18, 2018
- viii. One - Day Capacity Building Workshop on ‘Improving the Assessment of Learners’ Competencies in Agricultural Courses organized by Centre for Innovation and Strategy in Learning and Teaching (CISLT), FUNAAB, October 2017
- ix. Human Resources, Online course by Macquarie Graduate School of Management, 12th September to 9th October 2016
- x. Financial Literacy, Online course by Macquarie Graduate School of Management, 4th July to 2nd August 2016
- xi. Negotiation and Conflict Resolution, Online course by Macquarie Graduate School of Management, 4th July to 2nd August 2016
- xii. Leadership: Identity, Influence and Power, Online course by Macquarie Graduate School of Management, 30th May to 28th June 2016
- xiii. National Water Resources Capacity Building Network Workshop, FUNAAB 28th January 2016
- xiv. Capacity Building Workshop for Academic Staff on Modern Methods of Teaching and Learning in Higher Education organized by Centre for Innovation and Strategy in Learning and Teaching, FUNAAB 25th – 26th January 2016
- xv. Elsevier Science Direct E – Journal and Scopus User Training, organized by Elsevier Journal in conjunction with Committee of Vice – Chancellors Consortium of Nigerian Universities. 19th September 2014
- xvi. Training on ‘Ethics of examination and Invigilation’ organized by Time – Table Committee (TIMETEC), FUNAAB 25th August 2014

- xvii. Write shop: A training workshop on method of applying for International Foundation for Science (IFS) Research grant organized by Directorate of Grants Management, FUNAAB January 2014

06. COMMENDATION

- i. Letter of Commendation from the Registrar, FUNAAB, for prompt preparation of Part Time Student's examination result as Part – Time examinations officer date 30th June, 2015

07. MEMBERSHIP OF PROFESSIONAL BODIES

- i. Member, International Water Association (Membership number: 1623079)
ii. Member, International Water Resources Association (Membership number: M- 10107)
iii. Member, Rural Water Supply Network (RWSN)
iv. Member, Nigerian Association of Hydrological Sciences (NAHS)
v. Member, Nigeria Meteorological Society (NMS)

08. RESEARCH INTEREST OR COMMISSIONED PROJECTS

Research Completed

- i. Application of Fibres and Seeds Powder Composites of Kenaf (*Hibiscus cannabinus*) in the Removal of Microplastics and Natural Organic Matter from Water 2023
- ii. Biosorption Efficiency of Fibres and Seeds from Selected Varieties of Kenaf (*Hibiscus cannabinus*) in Turbid Water Treatment 2023
- iii. Comparative Assessment of The Potential of Selected Nature-Based Media in Water Purification 2021
- iv. Assessment of the Implications of Sustainable Water Supply Availability in Primary Health Centres (PHC) across Abeokuta, Nigeria 2019
- v. Sustainability and Risk Assessment of Water Supply Systems in Ogun State, South-west Nigeria 2018
- vi. Water Quality Evaluation of Self – Supply Systems in Abeokuta South Local Government Area, Ogun State, Nigeria 2017
- vii. Hazard and Risk Analysis of Selected Water Supply Systems in Abeokuta, Ijebu – Ode, Sagamu, Ayetoro, Ogun State, Nigeria 2016
- viii. Risk Assessment and Socio – Economic Appraisal of Water Supply Systems in Abeokuta, Sango – Ota, Ijebu - Igbo, Sagamu, Abigi, Ogun State, Nigeria 2015

Research in Progress

- ix. Assessment of Gender-Differentiated Analysis and Equality for Effective Water Management
- x. Assessment of Water, Sanitation and Hygiene in Selected Tertiary Institutions in South-Western Nigeria

09. PUBLICATIONS

Research Report, Dissertation and Thesis

- i. **Odjegba, E. E.** (2006): Qualitative Suitability of River Orisaguamu for Irrigation in Odeda Local Government, Ogun State. B. Sc. Research Report, Department of Water Resources Management and Agrometeorology, UNAAB, Nigeria. 63 p
- ii. **Odjegba, E. E.** (2012): Assessment of the quality and quantity of public water supplied to Abeokuta, Ogun State, Southwest, Nigeria. M. Sc. Dissertation, Department of Water Resources Management and Agrometeorology, Federal University of Agriculture, Abeokuta, Nigeria 87 p
- iii. **Odjegba, E. E.** (2019): Assessment of Sustainability and Risks of Drinking-Water Supply Systems in Ogun State, South-west Nigeria. PhD Thesis, Department of Water Resources Management and Agrometeorology, Federal University of Agriculture, Abeokuta, Nigeria 299 p

a. Articles in Learned Journals

1. Awomeso, J.A., Taiwo, A.M., Orebiyi, O.E., Orekoya, A.O. and **Odjegba, E.E.** (2010): Effect of untreated sewage dump on the quality of groundwater in Iddo community, Lagos, Nigeria, *Journal of Agricultural Science and Environment*, 10(1):98 – 106. Published by the University of Agriculture, Abeokuta (FUNAAB), Nigeria, ISSN: 2277 – 2755, Available online at <http://journal.unaab.edu.ng/index.php/JAgSE/article/view/1076/1031>
2. **Odjegba, E. E.**, Idowu, O. A., Oluwasanya, G. O., Ikenweibe, N. B. and Martins, O. (2014): Assessment of Water Demand and Seasonal Variation of Bacteriological Content of Public Water Systems in Abeokuta, Nigeria. *International Journal of Ecology and Environmental Studies*, 2(1):81 – 92. Published by Institute of Ecology and Environmental Studies, Obafemi Awolowo University, Ile – Ife, Nigeria, ISSN: 2465 – 6852
3. **Odjegba E. E.**, Idowu, O. A., Ikenweibe, N. B., and Sadeeq, A.Y. (2015): Public Perception of Potable Water Supply in Abeokuta Southwest, Nigeria. *Journal of Applied Science Environmental Management*, 19(1): 5 – 9. Published by the University of Port Harcourt, Port Harcourt, Nigeria, Available online at www.bioline.org.br/ja
4. Amori, A. A., **Odjegba, E. E.** and Adekitan, A. A. (2015): Assessment of Public Perspectives on Quality Control Measures in Public Water Supply in Oyo state, Nigeria. *Journal of Applied Science Environmental Management*, 19(1):13 – 18. Published by University of Port Harcourt, Port Harcourt, Nigeria, Available online at www.bioline.org.br/ja
5. **Odjegba, E.E.**, Amori, A. A., Ojekunle, Z. O., Awomeso, J.A. and Adetula, B. A. (2015): Water Quality and Socio – Economic Appraisal of Public Water Supply in Abeokuta Southwest Nigeria. *Gashua Journal of Irrigation and Desertification Studies*, 1(1&2): 193 – 203. Published by Federal University, Gashua, Yobe State, Nigeria, ISSN: 2489 – 0030, Available online at <http://www.gjidsfugashua.org.ng/articles/Volume-1-2015>
6. Oluwasanya, G. O., Sadiq, A. Y., and **Odjegba, E. E.** (2016): Inventory and Sanitary Status of Self Supply Systems in Abeokuta, Nigeria: Trend, Challenges and Opportunities. *Nigerian Journal of Hydrological Sciences (NJHS)*, 4:215 – 236. Published by the Nigerian Association of Hydrological Sciences, Available online at <http://nahs.org.ng>
7. **Odjegba E.E.**, Sadiq, A. Y., Awomeso, J. A., Adetula, B.A. and Ajulo, O.O. (2017): Water Quality Index Evaluation of Self – Supply Systems in Ayetoro, Ogun State, Southwest Nigeria, *International Journal of Ecology and Environmental Studies* 4 (1): 74 – 81. Published by the Institute of Ecology and Environmental Studies, Obafemi Awolowo University, Ile-Ife, Nigeria, ISSN: 3978-8139-36-1, Available online at <http://iees.oauife.edu.ng/ijeess.pdf>
- ^f 8. **Odjegba, E.E.**, Oluwasanya, G. O., Idowu, O. A., Shittu, O. B. and Brion, Gail. (2020): Sustainability Indices and Risk Analysis of Drinking-Water Systems in Southwest Nigeria.

- ^f9. **Odjegba, E.E.**, Oluwasanya, G. O., Sadiq, A. Y. and Brion, B. (2020): Sustainability and Risk Assessment Matrix (SRAM): Pathway to Water Security. *Water Supply*, Vol 20(7):2928 – 2940. Published by International Water Association, (Indexed in Scopus) <https://doi.org/10.2166/ws.2020.196>
10. Bankole, A. O., Awomeso, J. A. and **Odjegba, E.E.** (2020): Spatial Trend Assessment of Saline Water Intrusion in Igbokoda/Awoye Coastal Area of Ondo State, Southwestern Nigeria, *Nigerian Journal of Science and Environment*, Vol 18 (2):35 – 43. Published by Faculty of Science, Delta State University, Abraka, Delta State <https://delsunjse.com/index.php/njse/article/view/23>
11. Sadiq, A. Y., Oluwasanya, G. O., Eruola, O. A., Ojekunle, O. Z., **Odjegba, E. E.**, and Ahmad, S. M. (2020): Assessment and Mapping of the Spatial Trend in Groundwater Quality in Abeokuta, Nigeria, *Nigerian Journal of Science and Environment*, Vol 18 (2):4 – 34. Published by Faculty of Science, Delta State University, Abraka, Delta State <https://delsunjse.com/index.php/njse/article/view/22>
12. **Odjegba E. E.**, Bankole, A. O., Sadiq, A. Y., Busari, I. O. and Layi-Adigun, B.O. (2021): Rapid Assessment of the Water Chemistry of Public Water Supply in Abeokuta, South-West Nigeria. *Journal of Applied Science Environmental Management*, Vol 25 (4):671 – 676. Published by the University of Port Harcourt, Port Harcourt, Nigeria
- ^f13. **Odjegba, E.E.**, Bankole, A.O., Layi-Adigun, B.O. And Dada, V.O. (2021): Water, Sanitation and Hygiene in Healthcare Centres: Appraisal in a Pandemic. *Journal of Water, Sanitation and Hygiene Development*, Vol 11 (6):926 – 936. Published by the International Water Association. (Indexed in Scopus) <https://doi.org/10.2166/washdev.2021.075>
14. Amujo, B. T., Towolawi, A. T., Adekitan, A. A., **Odjegba, E. E.**, Abolayo, T. T., and Ojekunle Z. O. (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
- ^f15. **Odjegba, E. E.** Oluwasanya, G. O., Idowu, O.A. and Shittu, O.B., (2022): Failure Mode Effects and Criticality Analysis of Water Supply Systems' Risks: Path to Water Resources Planning and Policy. *Water and Environment Journal*, Vol 37 (1): 114 - 125 published by Wiley-Blackwell, USA (Indexed in Scopus) <https://doi.org/10.1111/wej.12822>
- ^f16. Bankole A. O., Oluwasanya, G. O., and **Odjegba, E. E.** (2022): Evaluation of Groundwater Quality in the Cretaceous Abeokuta Formation, Nigeria: Implications for Water Supply and Public Health. *Groundwater for Sustainable Development*, Vol (19) 100845, Published by Elsevier (Indexed in Scopus) <https://doi.org/10.1016/j.gsd.2022.100845>
- ^f17. Bankole A. O., James A. O., **Odjegba, E. E.**, Bankole, A. R., Babajide, E., Fiore, F. A., Pu, J. H., and Moruzzi R. B. (2023): Factors affecting Sanitation Coverage in three income levels and potential towards achieving SDG 6.2. *Water Policy*, Vol 25 (2): 146 – 176, Published by the International Water Association (Indexed in Scopus) <https://doi.org/10.2166/wp.2023.181>
- ^f18. Batista G. S. Roledo C., **Odjegba, E. E.**, Fiore F. A., Moruzzi R. B. and Gonçalves dos Reis A. (2023) Moringa oleifera Seed Addition Prior to Sludge Thickening for Supernatant Quality

Improvement: Analyses of Clarification Performance and Toxicity. **Sustainability**, Vol 15 (9):7288, published by MDPI, <https://doi.org/10.3390/su15097288> (Indexed in Scopus & Scimago)

- f*¹⁹. **Odjegba, E. E.**, Oluwasanya, G. O., Shittu, O.B., Idowu, O.A. and Brion, G. (2023): Service –Level Indicators for Water Supply Systems: Water users’ perspective. **Urban Water Journal**, Vol 20(10), 1532–1540. published by Taylor and Francis <https://doi.org/10.1080/1573062X.2022.2134039> (Indexed in Scopus)
- f*²⁰. Oluwasanya, G.O., **Odjegba, E.E.**, Sadiq, A. Y., Bankole, A. O. and Awokola, O. S. (2023) Turbid water treatment with Kenaf (*Hibiscus cannabinus*) Fibres and Moringa seeds (*Moringa oleifera*): An Application of Nature-Based Solutions. **Journal of Meteorology and Climate Science**, Vol 22 (1): 149 – 173, Published by Nigerian Meteorological Society, <https://www.ajol.info/index.php/jmcs/article/view/254637>
- f*^{*21}. **Odjegba, E.E.**, Sadiq, A. Y., Bankole, A. O., Layi-Adigun, B. O., Adebimpe, A. M., Kosemani, M. O., Ojo, E. B. and Adewuyi, M. A. (2024) Water, Sanitation and Hygiene (WASH) Index for Primary Healthcare Facilities: Towards Achieving WASH Security. **Heliyon**, Vol 10 (2024): e35548 Published by Elsevier (Indexed in Scopus) <https://doi.org/10.1016/j.heliyon.2024.e35548>
- f*^{*22}. Godoy, L. G. R., Moruzzi, R. B., **Odjegba, E. E.**, Sharifi, S. and Gonçalves dos Reis, A. (2025) Enhanced removal of polyvinyl chloride microplastics from drinking water using ballasted flocculation: a comparative study with conventional methods using non-intrusive dynamic image analysis. **Brazilian Journal of Chemical Engineering**. Published by Springer Nature Link (Indexed in Scopus) <https://doi.org/10.1007/s43153-024-00530-3>
- f*^{*23}. **Odjegba, E. E.**, Bankole, A. O., Akanji, O. E. and Dada, V. O. and Adenuga, A. (2025) Groundwater Quality Assessment of Hand-dug wells in selected Communities within Odeda Local Government Area, Abeokuta, Nigeria. **Journal of African Meteorological Society (JAfMS)** Vol 1(1), June 2025
- f*^{*24}. Olagoke V. O., **Odjegba, E.E.**, Balogun K. I., Ajibuwa, T.J. (2025). Assessment of the Physicochemical and Bacteriological Quality of Groundwater from Hand-dug Wells in Sabo and its Environs, Abeokuta, Ogun State. **Journal of African Meteorological Society (JAfMS)** Vol 1(1), June 2025
- f*^{*25}. **Odjegba, E. E.**, Bankole, A. O., Ajulo, O. O., Akanji, O. E. (2026) A multi-index appraisal and pollution risks of cadmium enrichment and corrosivity in the cretaceous Abeokuta formation, Ayetoro, Nigeria, **Discover Water**, Vol 1(11) 2026 Published by Springer Nature (Indexed in Scopus) <https://doi.org/10.1007/s43832-025-00328-5>
- f*^{*26}. **Odjegba, E. E.**, Akanji, O. E., Bankole, A. O., Makinde, A. A., Aromolaran, A. K. and Olagoke, V. O. (2026) Hydroclimatic Extremes Indexed by SPI and Malaria Case Dynamics in Oyo State, Nigeria: Evidence for Lagged, Site-Specific Effects. Paper accepted for publication in **Journal of Water and Health**. Published by the International Water Association (Indexed in Scopus)

b. Chapter in Book

- f*^{*27}. Adeoba, M. I., **Odjegba, E. E.** and Pandelani, T. (2025) Nature-based solutions: Opportunities and challenges for water treatment, In “**Smart Nanomaterials for Environmental Applications: Micro and Nano Technologies**”, Ayeleru, O. O., Idris, A. O. Pandey, S. and Olubambi, P. A

c. Technical Note

28. FMWR (2022) Nigerian Road Map for Water Quality Management. Editors/Contributors: Kakulu, S. E., **Odjegba, E. E.**, Konne, J. L., Oni, O. and Ocholi, Y. et al. Published by the Federal Ministry of Water Resources (FMWR), Abuja, Nigeria, 66p
29. SON (2023) Nigeria Standard for Ambient Water Quality. Technical Committee/Contributors **Odjegba, E. E.**, Okafo, C. N., Konne, J. L., Isaac, O., Shaibu, M., Duru, M., et al. Published by Standard Organisation of Nigeria (SON), Abuja, Nigeria, 24p

d. Papers in Reviewed Conference Proceedings

31. Awomeso, J.A., Ufoegbune, G.C., Idowu, A.O., Eruola, A.O. and **Odjegba, E.E.** (2009): Investigation of Sachet Water Quality in Abeokuta, Ogun State, Southwest Nigeria, **Proceedings of the Nigerian Meteorological Society (NMS)**, Ologunorisa, T. E., Okogue, E. C., Afiesimama, E. A., Abiodun, B. J., Bello, N. J. and Odekunle, T. (Eds.) 54 – 57. Published by NMS
32. **Odjegba, E.E.**, Idowu, O. A., Eruola, O. A., Makinde, A. A. Adekitan, A. A. and Ojekunle, Z. O. (2016): Contamination Assessment and Water Quality Evaluation of Selected Ground Water Supply Systems in Ayetoro, Ogun State, Nigeria. **Proceedings of the Nigerian Meteorological Society (NMS)**, Bello, N. J., Ufoegbune, G. C., Ojekunle, Z. O. and Makinde, A. A. (Eds) 334 – 355. Published by NMS
33. Busari, I. O., Martins, O. Laniyan, A. B. and **Odjegba, E. E.** (2016): Variation in Overburden Depth of Selected Wells in FUNAAB and its effect on Water Quality. **Proceedings of the Nigerian Meteorological Society (NMS)**, Bello, N. J., Ufoegbune, G. C., Ojekunle, Z. O. and Makinde, A. A. (Eds) 154 - 168. Published by NMS
- f*34. **Odjegba, E.E.**, Oluwasanya, G. O., Idowu, O. A. and Shittu, O. B. (2018): Sustainability indices of Drinking – Water Supply Systems: A Tale from the Town to the Village, **Proceedings of the Water and Health Conference**, Bartram, J., Fisher, M. and Liang, K. (Eds.) 44 p Published by University of North Carolina, USA
- £*35. **Odjegba, E.E.**, Adeniran, K. A., Osinubi, S. and Van Wyk, R. (2019): Hygiene Is Two Thirds Health: Comparative Assessment of WASH in Primary Health Centres, **Proceedings of the University of Colorado Water, Sanitation and Health (WASH) Symposium**, Klees, R., Wallace, K. M. and Randall, T. E. (Eds.) Published by University of Colorado, Boulder, USA,
36. **Odjegba, E.E.**, Oluwasanya, G. O., Adekonojo, T. O., Bankole, A. O. and Mesi, D. G (2019): Saline Water Intrusion in Groundwater Sources in Parts of Lagos State Nigeria, **Proceedings of the International Medical Geology Association (IMGA) Conference**, Olatunji, A. S. and Olajide-Kayode, J. (Eds.) Published by IMGA
- £*37. **Odjegba, E.E.**, Oluwasanya, G. O. and Salaudeen, U. O. (2019): Water, Sanitation and Hygiene (WASH) Facilities in Primary Healthcare Centres in Ogun State, Southwest Nigeria, **Proceedings of the Water and Health Conference**, Salzberg, A., Fisher, M. and Liang, K. (Eds.) Published by University of North Carolina, USA
- f*38. **Odjegba, E.E.**, Oluwasanya, G. O., Idowu, O. A., Shittu, O. B. and Brion, Gail. (2019): Failure Mode Effects and Criticality Analysis of Water Sources in Nigeria, **Proceedings of the Water and Health Conference**, Salzberg, A., Fisher, M. and Liang, K. (Eds.) Published by University of North Carolina, USA

- f*³⁹. **Odjegba, E.E.**, Layi-Adigun, B.O. and Dada, V.O. (2020): Water Supply Systems Assessment and WASH Profile of Primary Healthcare Centres in Parts of Southwest Nigeria. **Proceedings of the 9th International Conference on Appropriate Technology**, Trimble, J., Osman, A., Stephen, B. and Kadoda, G. (Eds.) 596 – 605. Published by Tshwane University of Technology, Pretoria, South Africa
- f*⁴⁰. Layi-Adigun, B.O., Adegun, B., Oluwasanya, G. O. and **Odjegba, E. E.** (2021) Water Poverty Index of Selected Communities in Southwest Nigeria: An Assessment and Implications for Water Security. **Proceedings of the Early Career Women in Water Conference**, Berzel de Frutos, O., Guida, S., Jawiarczyk, N., Momblanch, A., Whitton, R., Rice, T. and Vicario, D. R. (Eds) Published by Cranfield University, United Kingdom
- f*⁴¹. **Odjegba, E. E.** (2021) Groundwater Chemistry of Selected Water Sources in Parts of Lagos, Nigeria. **Proceedings of the Mediterranean Geosciences Union Conference**, Çiner, A., Erguler, Z.A., Polonia, A., Kallel, A., and Kiratzi, A. (Eds) Published by Istanbul Technical University, Istanbul, Turkey
- f*⁴². Oluwasanya, G.O., **Odjegba, E.E.**, Sadiq, A. Y., Bankole, A. O. and Awokola, O. S. (2022) Biosorption Efficiency of Kenaf Fibres and Moringa Seeds Combinations in Turbid Water Treatment, **Proceedings of the 2nd International Conference on Environment, Technology and Management (ICETEM)**, Uslu, H., Barut, M., Çiner, F., and Ulusoy, K. (Eds) Published by Nigde Omer Halisdemir University, Nigde, Turkey
- f*⁴³. **Odjegba, E.E.**, Sadiq, A. Y., Bankole, A. O. and Layi-Adigun, B. O. (2022) Can Composite WASH Data Assessment and Interpretation Be Achieved? Application of A WASH Index Approach, **Proceedings of the Water and Health Conference**, Salzberg, A., Fisher, M. and Liang, K. (Eds.) Published by University of North Carolina, USA
- f*⁴⁴. **Odjegba, E.** (2023). Groundwater Quality of Selected Boreholes in Parts of Lagos, Nigeria. In: Chenchouni, H., Chamine, H. I., Zhang, Z., Khelifi, N., Ciner, A., Ali, I. and Chen, M. (EDs). *Recent Research on Hydrogeology, Geoecology and Atmospheric Sciences, Advances in Science, Technology & Innovation (ASTI Series)*. Springer, Cham. https://doi.org/10.1007/978-3-031-43169-2_15 (Indexed in Scopus)
- f*^{*45} **Odjegba, E. E.**, Bankole, A. O., Gonçalves dos Reis, A., Alaba, P. A. And Moruzzi, R. B. (2024) Preliminary Investigations of the Use Kenaf (*Hibiscus cannabinus*) Fibres and Seeds Coagulant Extracts as Nature-Based Solution in Water Treatment. **Proceedings of the Euro-Mediterranean Conference for Environmental Integration (EMCEI-24)**, held in Marrakech, Morocco, 15–18 May 2024
- f*^{*46} Akanji, O. **Odjegba, E. E.** Makinde, A., Bankole, A. Olatunde, A. Aromolaran, A. Dada-Olagoke, V. Idowu, O. Adenuga, A. (2024) Analysis of Meteorological Drought at Selected Towns in Upper Ogun River Basin, Southwest Nigeria, **Proceedings of the 4th Mediterranean Geosciences Union Conference**, Published by the University of Barcelona, Spain (25 – 28th November, 2024)
- f*^{*47} **Odjegba, E. E.** Akanji, O. E., Bankole, A. O. and Adenuga, A. O. (2025) Climate Change and Public Health: Exploring the Links Between Meteorological Drought and Disease Patterns in Oyo State, Southwest Nigeria, **Proceedings of the Earth Systems and Environment Journal Annual Meeting (ESEV-25)**, Published by Istanbul Technical University, Istanbul, Turkey
- f*^{*48} Ogunkoya, I., **Odjegba, E. E.**, Onagbesan, L., Abe, E. and Joseph, S. (2025) Menstrual Hygiene Management and WASH Practices: Fate of Menstruating Students in Nigeria’s Universities,

Proceedings of the 19th World Water Congress of the International Water Resources Association, held in Marrakech, Morocco, 1–5 December 2025

- f**49 **Odjegba, E. E.**, Akanji, O. E. and Bankole, A. O. (2025) Beyond Access: Examining Utilization Patterns and Barriers to Household Water, Sanitation and Hygiene Services in Oke Ogun Towns, Nigeria, **Proceedings of the 19th World Water Congress of the International Water Resources Association**, held in Marrakech, Morocco, 1–5 December 2025

MAJOR CONFERENCES ATTENDED WITH PAPERS READ

- i. Water and Health Conference, University of North Carolina, USA, October 24 – 28, 2022
Paper presented: Can Composite WASH Data Assessment and Interpretation Be Achieved?
Application of A WASH Index Approach
- ii. 2nd International Conference on Environment, Technology and Management (ICETEM), Nigde Omer Halisdemir University, Nigde, Turkey, October 13 – 15, 2022
Paper presented: Biosorption Efficiency of Kenaf Fibres and Moringa Seeds Combinations in Turbid Water Treatment
- iii. Mediterranean Geosciences Union Conference, Istanbul Technical University, Istanbul, Turkey, 25th to 28th November, 2021.
Paper presented: Groundwater Chemistry of Selected Water Sources in Parts of Lagos, Nigeria.
- iv. 9th International Conference on Appropriate Technology, University of Technology, Pretoria, South Africa, November 23 – 27, 2020
Paper presented: Water Supply Systems Assessment and WASH Profile of Primary Healthcare Centres in Parts of Southwest Nigeria.
- v. Water and Health Conference, University of North Carolina, USA, October 7 – 11, 2019
Paper presented: Water, Sanitation and Hygiene (WASH) Facilities in Primary Healthcare Centres in Ogun State, Southwest Nigeria.

Paper presented: Failure Mode Effects and Criticality Analysis of Water Sources in Nigeria.
- vi. International Medical Geology Association Conference, Federal University of Agriculture, Abeokuta, Nigeria, 24 – 27 September, 2019
Paper presented: Saline Water Intrusion in Groundwater Sources in Parts of Lagos State
Nigeria.
- vii. University of Colorado Water, Sanitation and Health (WASH) Symposium, Boulder, Colorado, USA, March 5 – 6, 2019
Paper presented: Hygiene is Two Thirds Health: Comparative Assessment of WASH in Primary Health Centres.
- viii. Water and Health Conference, University of North Carolina, USA, October 29 – November 2, 2018
Paper presented: Sustainability indices of Drinking – Water Supply Systems: A Tale from the Town to the Village.

10. INFORMATION ON FELLOWSHIP, MASTER'S PROJECTS AND Ph.D. THESIS SUPERVISED

a. Master's dissertations Supervised

S/No	Title of Thesis	Name of Student	Year of Commencement	Completed/On-going	Sole/Collaborative Supervision
1	Assessment of Service-Level and Hazard-Informed WASH Security in Healthcare Facilities	Onagbesan, L. O	2025	Ongoing	Major supervisor
2	Assessment Of Women Water Burden to Determine Household Water Security in Sepeteri Town Oyo State	Yemi-Ayodeji, V. O.	2025	Ongoing	Major supervisor
3	Assessment of Household Vulnerability to Water Scarcity and WASH Services in Selected Towns of the Upper Ogun River Basin	Akanji, O. E	2023	Ongoing	Major supervisor
4	Assessment of Water, Sanitation and Hygiene in Federal College of Education, Abeokuta, Ogun State, South-Western Nigeria	Abdulmalik, A. A	2022	Ongoing	Major supervisor
5	Assessment of Water, Sanitation and Hygiene in Selected Tertiary Institutions in South-Western Nigeria	Ogunkoya, I. T	2021	Completed	Major supervisor
7	Assessment of Gender-Differentiated Analysis and Equality for Effective Water Management	Moyinwin, O.	2019	Ongoing	Co - supervisor
8	Biosorption Efficiency of Fibres and Seeds from Selected Varieties of Kenaf (<i>Hibiscus cannabinus</i>) in Turbid Water Treatment	Otunuga, O. A	2019	Ongoing	Co - supervisor
9	Water Safety Planning in Health Care Facility: A Case of Federal Medical Centre, Abeokuta, Nigeria	Alade, J.	2019	Ongoing	Co - supervisor
	Response of Ona River to Nutrient, Salinity and Suspended Load Concentration in Relation to Land Use Pattern of Ona River Basin	Fajobi, O.	2019	Ongoing	Co - supervisor
	Bio-ecology of Ichthyofaunal Assemblage of Ede Reservoir, Osun State, Nigeria	Olagunju, O. O.	2019	Ongoing	Co - supervisor

b. PhD Theses supervised

S/No	Title of Thesis	Name of Student	Year of Commencement	Completed/On-going	Sole/Collaborative Supervision
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1	Assessment of ecosystem integrity of Egbe Reservoir, Egbe Ekiti, Ekiti State	Oyewumi, J.	2016	Completed	Co - supervisor
2	Effects of water, sanitation and hygiene practices on health of rural slum households in Southwestern Nigeria.	Omolola, O. A.	2021	Ongoing	Co - supervisor
3	Water, Sanitation and Hygiene Practices and Its Implication on Schistosomiasis Breeding in Lagos Slum Areas	Alaran, A. O.	2023	Ongoing	Co - supervisor
4	Evaluation of climate change impacts on food security in the upper Ogun River basin	Adenuga A.O.	2024	Ongoing	Major Supervisor
5	Development of A Restructured Biomass Embedded with Green Synthesized ZnO and ZnO/AgFe ₂ O ₄ Nano Composite For the Treatment of Textile Wastewater	Oso F.	2024	Ongoing	Co - supervisor

11. EXTRA CURRICULAR ACTIVITIES

- i. Travelling
- ii. Reading
- iii. Cooking

12. REFEREES

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