



Elizabeth Olusola Shotayo

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ABOUT ME

I am a dedicated educator and researcher with a passion for environmental sustainability. Fostering innovative initiatives and enhancing future generations through knowledge and advocacy has been my major attraction. Committed to advancing sustainable practices through impactful teaching, research, and collaboration.

WORK EXPERIENCE

27/09/2000 – CURRENT Abuja, Nigeria

EDUCATION OFFICER FEDERAL GOVERNMENT OF NIGERIA

- **Green computing advocacy:** Brought up memoranda in pursuance of greening the Ministry's computing operations;
- **Awareness creation on Green Education:** Participates in bi-annual awareness creation in selected secondary schools in Nigeria;
- **Collection and Collation of Data:** Engages in gathering relevant information on Topical Issues in the education system;
- **Active Participation in National and International Events:** Engage in yearly commemoration of important national and international events such as World Environment Day, International Literacy Day, Day of the African Child;
- **Enforcing Compliance with National Education Goals:** Active involvement in ensuring Nigerian Federal Institutions comply with broad national educational goals through quarterly meetings of Governing Councils of some institutions - Federal Polytechnic, Ekowe, Bayelsa State (2022-23); Federal Polytechnic, Nekede, Imo State June (2024);
- **Leadership in Monitoring Activities:** led Ministry teams in monitoring Federal Government Needs Assessment activities in Nigerian Tertiary Institutions;
- **Committee Coordination:** Coordinates secretariat activities of the Technical Committee on Development of National Policy on Open and Distance Learning in Nigerian Tertiary Institutions.

Address Federal Ministry of Education Headquarters, Federal Secretariat Complex, phase III,, Shehu Shagari Way, Maitama, 900231, Abuja, Nigeria

EDUCATION AND TRAINING

20/10/2017 – 27/09/2022 Ilorin, Nigeria

PH.D. EDUCATIONAL TECHNOLOGY University of Ilorin, Nigeria

- **Publication of Insightful Articles:** conducted some research in the area of ICT in Education; Artificial Intelligence in Education; Green Computing and Environmental Sustainability; Green Curriculum and Net-Zero emission Benchmark;
- **Collaboration and Synergy:** Engaged with colleagues and stakeholders to drive Green Curriculum awareness as part of Climate Change adaptation and mitigation strategies;
- **Presentation at Conferences:** Actively participated in conferences and presented papers contributing to academic discourse in the fields of Educational Technology and Environmental Education;
- **Provision of Valuable Insights and Knowledge Transfer:** Engaged with and lectured Educational Technology undergraduate students;

- **Mentoring and Supervision:** Involved in nurturing and supervising undergraduate students' research projects;
- **Observation and Examination:** Participated in examining pre-service teachers on Professional Practice.

Address University of Ilorin, Nigeria., 240003, Ilorin, Nigeria | **Website** www.unilorin.edu.ng |

Field of study Education, Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)

Thesis Awareness, Readiness and Adoption of Green Computing at Federal Ministry of Education and Selected Agencies in Nigeria.

2014 – 2016 Abuja, Nigeria

MASTERS IN PUBLIC ADMINISTRATION National Open University of Nigeria

Website www.nou.edu.ng |

Field of study Management and administration , Inter-disciplinary programmes and qualifications involving social sciences, journalism and information

2008 – 2010 Abuja, Nigeria

MASTERS IN EDUCATIONAL TECHNOLOGY National Open University of Nigeria

Website www.nou.edu.ng |

Field of study Education science , Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)

1991 – 1995 Ibadan, Nigeria

B.ED. University of Ibadan

Website www.ui.edu.ng

● LANGUAGE SKILLS

Mother tongue(s): **ENGLISH** | **YORUBA**

● DIGITAL SKILLS

Scientific data collection and analysis

Formulation of Research questions | Data analysis using SPSS | Administration of questionnaire | Data retrieval from the internet

Application of ICT in Instruction

Microsoft Excel | Use of electronic white board | Excellent knowledge of the use of electronic mail | Google Drive | Google Classroom | powerpoint presentation skills | microsoft words | basic skills in graphic (canva)

Green Computing Skills

Green e-waste management | Proficiency in the use of virtual collaboration tools | Video conferencing | Use of energy efficient devices | Green IT Procurement

● NETWORKS AND MEMBERSHIPS

2022 – 2024 USA

North American Association for Environmental Educators (NAAEE)

NAAEE is a professional association whose aim is to champion and propagate the cause of environmental education across the world. It works with environmental educators globally to promote environmental literacy, awareness, and civic engagement to achieve an equitable and sustainable planet.

Link <https://naaee.org>

10/2017 – CURRENT Nigeria

National Association of Innovative Technology Integration in Education (AITIE)

AITIE is an association seeking to be a force for qualitative accessible education, through the promotion of scholarship and best practices in the design, development, use, and innovative management of technologies for effective teaching

and learning in a variety of educational settings. The Association achieves these by organising Workshops and Conferences for members and interested parties

Link <https://www.aitie.org.ng>

2018 Nigeria

Educational Media Technologists Association of Nigeria (EMTAN)

● PUBLICATIONS

2019

[Bring Your Own Device \(BYOD\): Tackling Barriers to full ICT integration in Nigerian senior secondary school system](#)

The Nigerian education system is lagging behind when it concerns Technology-enhanced Instruction hence this publication proposed a situation whereby students are permitted to come to school with their school-prescribed electronic devices to leverage the affordances of ICT in teaching and learning.

Shotayo, E. O. 2019. AAUA Journal of Science and Technology Education, 2(2), 86-93.

Link https://drive.google.com/file/d/1gzm1YMLV1TE_c4j0BaVJpZP1xLTIMYur/view?usp=sharing

2019

[BIG DATA: Next level Educational Planning for National Development in ICT](#)

This paper sheds light on the affordances of the big data architecture and the need for its introduction in the sector for the collection of robust data which finds relevance in higher levels of educational planning in the country.

Shotayo, E. O. and Ogunlade, B. O. (2019). Intern. Journal of Innov. Tech. Integration in Educ.

Link www.ijitie.aitie.org/index.php/ijitie/article/view/164

2020

[ICT: Driver and Enabler of 21st Century Literacy.](#)

ICT: Driver and Enabler of 21st Century Literacy. examines the emergence of Information and Communication Technology (ICT) and its impact in the 'knowledge industry' especially how the education sector in Nigeria take advantage of these opportunities.

Shotayo, E. O. 2020. Pan African Journal of Humanities & Social sciences. ISSN: 2682-6364. vol. 2/2

Link www.pashass.org/10.5281/zenodo.3873700_vol_2_issue_2.

2022

[The Public Procurement Act and Toxic Waste at Nigerian Ministries, Departments and Agencies: Implication for Net-Zero Ambition.](#)

Unsafe e-waste disposal is real in many Nigerian Ministries, Departments and Agencies, the Implication for Net-Zero Ambition which the country is signatory to is grave. This article draws the attention of both the government and the governed to the urgency that this situation deserves.

Yusuf, M. O. and Shotayo, E. O. (2022). Intern. Journal of Scientific Engineering Research (IJSER)

Link <https://www.ijser.org/journal-volume13-issue5-May-2022-edition.aspx>.

2024

[Perspective Chapter: Leveraging Artificial Intelligence in a Blotch Academic Environment.](#)

Artificial Intelligence in a Blotch Academic Environment looks into leveraging artificial intelligence (AI) to enhance the academic environment within institutions. It is believed that AI would help to streamline administrative tasks by integrating AI-powered tools, personalising student learning experiences and facilitating data-driven decision-making. This will improve efficiency, increase student engagement and improve resource allocation.

Ogunlade B. O., Bahago S. B., Shotayo, E. O. (2024). Intel Open

Link <https://www.intechopen.com/online-first/117656>

Nigeria's Country Profile on Climate Change Communication and Education is an initiative created by Monitoring and Evaluating Climate Communication and Evaluation (MECCE) Project in conjunction with UNESCO. It beams a searchlight on the country's activities as regards climate change mitigation and adaptation, it considers climate change integration and implementation in the Nigerian education system. The profile which covers at least some eighty countries across the globe examines the depth of implementation of national climate policy and/or climate change communication frameworks in each nation. International climate conventions and protocols such as the United Nations Framework Convention on climate change (UNFCCC), the Kyoto protocol, Paris Agreement and Doha Amendment ratified by Nigeria are other areas of interest to the Country profile. The roles of governmental bodies such as the Federal Ministry of Education and other Agencies of Government remained a major attraction to the profile.

Adedoyin, A.; Anabaraonye, B.; Oyewusi, B. M.; Oladejo, M. A.; Shotayo, E. O.; 2023. UNESCO

Link <https://education-profiles.org/sub-saharan-africa/nigeria/~climate-change-communication-and-education>

Awareness of Green Computing at Nigeria's Federal Ministry of Education and Selected Agencies: Beyond rhetoric.

Awareness of Green Computing at Nigeria's Federal Ministry of Education and Selected Agencies: Beyond rhetoric. is still undergoing the necessary peer review before publication. The study was formed a part of the researcher's Doctoral thesis and examined the apathy of an average staff of the Nigerian Federal Ministry of Education, the main body in charge of Education in the country towards an environment-friendly e-waste disposal. It was recommended that the Ministry integrate Green Computing in its work processes and national school curricula. The article has been submitted for peer review scrutiny.

Yusuf, M. O.; Shotayo, E. O.

Assessment of Consciousness of Net-Zero Emission Benchmark and Green Curriculum Among Undergraduates at University of Ilorin

The 2021 report of the Intergovernmental Panel on Climate Change (IPCC) painted a horrific picture of human-propelled global temperature threatening to hit 2°C if nothing deliberate is done. By all standards, Nigeria is an active member of the Conference of Parties (COP) to the United Nations Framework Convention on Climate Change (UNFCCC) where, in 2015 the Net-Zero emission benchmark by 2050/60 was arrived at. However, students of the University of Ilorin involved in this study did not display a sufficient consciousness of the Net-Zero emission benchmark their country is signatory to. This is not far-fetched as their curriculum did not reflect an adequate infusion of climate change education as to inculcate the right level of environmental awareness. The article which has been submitted for publication, assessed the consciousness of the Net-Zero emission benchmark among Undergraduate students at the University of Ilorin, one of the major Universities in Nigeria.

Shotayo, E. O.; Journal of Applied Environmental Education and Communication

Surmounting the Scourge of Open Defecation and Urination in Nigerian Public Universities. Ibadan Journal of Educational Studies

Adequate and well-maintained sanitation facilities seem not to be as common as one would expect them to be in an academic environment such as the ones under consideration in the study. Against this background, the sanitary condition in public universities investigated leaves more to be desired. This results from the inadequacy of well-maintained water and clean health facilities in most Faculties and Departments of the Universities visited. The article established a direct link between the under-provision or inaccessibility of standard and up-to-date sanitary facilities by the students to a situation where students have formed the habit of helping themselves at street corners. This unwholesome habit has further taken the country away from achieving set milestones like the National WASH Action plan, which aims to end open defecation by 2025. This research which adopted a descriptive survey of the cross-sectional type employed a researcher-designed online questionnaire tagged 'Decent Toilets on Campus' (DTC). The entire students of the Nigerian public universities formed the study population while four selected public universities formed the sample. The article has been submitted for publication.

Shotayo, E. O. Otemuyiwa, B. I.

● CONFERENCES AND SEMINARS

28/05/2024 – 30/05/2024 Nigeria

2024 Joint Consultative Committee on Education (JCCE)

The Joint Consultative Committee on Education (JCCE) provides a platform for brainstorming of topical education issues. It comprises technocrats within the education sector and serves as the engine room for the National Council on Education which is recognised as the highest decision-making body of the knowledge sector in Nigeria. Memoranda presented at the conference on the need to conduct Digital and Entrepreneurial Skills Gap Assessment in Tertiary Institutions to enhance the employability of graduates in the labour market for national development and the Memorandum on the need for provision of soft loans for Polytechnic undergraduate's entrepreneurship practicum for self-employment and national Development in the 21st Century.

Link <https://education.gov.ng/joint-consultative-committee-on-education-jcce-1981-1991/>

26/07/2021 – 29/07/2021 Nigeria

International Conference and Workshop on Innovation, Technology and Education.

The International Conference and Workshop on Innovation, Technology and Education was organised by the Association of Integrative Technology Integration in Education (AITIE). Established in February 2017, the Conference was a professional association for academic and non-academic media specialists, instructional designers and distant education specialists. The paper presented at the Conference was titled 'Effect of Edmodo on Secondary School Student's Academic Performance in Physics in Ilorin Metropolis, Nigeria'. The Conference was a gathering of 'who is who' in the Nigerian educational space and beyond.

Link <https://aitie.org.ng/>

23/07/2018 – 26/07/2018 Nigeria

International Conference and Workshop on Innovation, Technology and Education

International Conference and Workshop on Innovation, Technology and Education is an international conference and workshop for academic and non-academic media specialist, instructional designers and distant education specialists. Its membership cuts across the educational sector to other scientists and professionals involved in the creative integration of technology in instruction. The conference was organised by the Association for Innovative Technology Integration in Education (AITIE). The article 'BIG DATA: Next level Educational Planning for National Development' was presented at the conference.

Link <https://aitie.org.ng/>

22/10/2018 – 26/10/2018 Nigeria

Conference of the International Literacy Association (ILA)

The International Literacy Association (ILA) is a global association of reading teachers and other stakeholders at various levels of the educational space. ILA is a professional organization whose objective is harnessing research and practice to enhance the quality of literacy instruction globally.

Link <https://www.literacyworldwide.org/about-us>

VOLUNTEERING

01/09/2023 – 06/10/2023 Online

Review of Nigeria's Country Profile on Climate Change Communication and Education

As an Environment and Sustainability Educator, I was involved in the review of 'Nigeria's Country Profile on Climate Change Communication and Education'. The over 20 paged document was an initiative created by Monitoring and Evaluating Climate Communication and Evaluation (MECCE) Project in conjunction with UNESCO. It beamed a searchlight on the country's activities as regards climate change mitigation and adaptation, Nigeria's Country Profile on Climate Change Communication and Education document considered climate change integration and implementation in the Nigerian education system. The profile which covers at least eighty countries across the globe examines the depth of implementation of national climate policy and/or climate change communication frameworks in each nation. International climate conventions and protocols such as the United Nations Framework Convention on climate change (UNFCCC), the Kyoto protocol, Paris Agreement and Doha Amendment ratified by Nigeria are other areas of interest to the Country profile. The roles of governmental bodies such as the Federal Ministry of Education and other Agencies of Government were equally under scrutiny.

Link <https://education-profiles.org/sub-saharan-africa/nigeria/~climate-change-communication-and-education>