



Odunayo Blessing Adesina

Date of birth: 18/12/1996 | **Place of birth:** Abeokuta, Nigeria | **Nationality:** Nigerian (Nigeria) |
Sex: Female | **Phone:** (+86) 16606732990 (Mobile) | **Phone:** (+234) 8169277829 (Mobile) | **Email:**
odunayoblessing6@gmail.com | **Website:** <https://orcid.org/0009-0002-9546-7633> |

Address: No 4, Ade afolabi street, oke ilagbe elite Abeokuta, Ogun State,
110105, Abeokuta, Nigeria (Home)


Address: 301 Xuefu Road, Zhenjiang, Jiangsu Province, China, 212013,
zhenjiang, China (Second Address)

● ABOUT ME

About Me

I am an environmental researcher with a background in Microbiology (B.Sc.) and Environmental Science (M.sc) from Tongji University, China. My research has focused on nutrient and antibiotic removal in biofilm reactors for high-ammonium wastewater, exploring ecological and bioremediation strategies to combat pollution and climate change. I'm particularly interested in sustainable solutions and biological nutrient recovery, and I aim to apply innovative science to real-world environmental and societal challenges.

● WORK EXPERIENCE

 **ABULE-OLONI PRIMARY HEALTH CARE BOARD, OGUN STATE – ABEOKUTA, NIGERIA**
MICROBIOLOGY ANALYST – 16/10/2021 – 22/06/2022

Analyze test results for credibility.
Health Education and Advocacy Engaged Primary Healthcare Board
Yellow Fever Vaccination Administration
Involved in the documentation of Covid-19 vaccine records
Immunization Program Engagement, World Health Organization (W.H.O.)

 **DADDY CLEM INTEGRATED SERVICES – ABEOUTA, NIGERIA**
QUALITY CONTROL/SUPERVISOR – 12/01/2020 – 30/04/2022

I worked as a supervisor leading a direct team of bakers, sales reps, and other bakery staff.
I worked as a quality control analyst, ensuring the right measurements went into preparation, and that the outcome met the already laid out standard.
I worked as a project manager as well, ensuring that the production was always on time to meet the schedule of clients.

 **NATIONAL YOUTH SERVICE CORPS – OSUN STATE, NIGERIA**
HIGH SCHOOL BIOLOGY TEACHER – 10/12/2019 – 30/10/2020

Effectively managed a class comprising 50% of the total student population, ensuring an engaging and inclusive learning environment.
Offered individualized assistance to students who needed extra support, fostering an environment of personalized learning.

● EDUCATION AND TRAINING

17/09/2022 – 28/06/2024 Shanghai, China
MASTER'S DEGREE Tongji University

Website <https://www.tongji.edu.cn/eng/> | **Level in EQF** EQF level 4

15/09/2016 – 20/05/2019 Cottonou, Benin
BS.C Institut Supérieur de Communication d'Organisation et de Management (ISCOM)

Website <https://campusbenin.org/universities/iscom-university/>

Website <https://unep-iesd.tongji.edu.cn/iesden/06/f6/c13757a329462/page.htm>

REVIEWER Elsevier

I have reviewed Water Process Engineering Water Process Engineering and Chemical Engineering Journal to help evaluate and enhance articles related to topics such as wastewater treatment and environmental engineering, for sustainability purposes.

LANGUAGE SKILLS

Mother tongue(s): **ENGLISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

SKILLS

Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Google (Google Drive, Google Docs, Google Slides, Google Sheets, Google Meets, Google Trends)) | data processing and analysis software: Origin (advanced) | Good with IBM SPSS Statistics Software

PUBLICATIONS

2024

[Sulfamethoxazole removal and ammonium conversion by microalgae consortium: physiochemical responses and microbial community analysis.](#)

2024

[Ethical Issues in Lake Malawi Fisheries: A Case of Karonga District](#)

William Chirwa O.B. Adesina, Martha Kalumbi, 2024, Biodiversity - Taylor and Francis

2023

[Evolution in Water Treatment: Exploring Traditional Self-Purification Methods and Emerging Technologies for Drinking Water and Wastewater Treatment: A Review](#)

2024

[Sulfamethoxazole removal and ammonium conversion by microalgae consortium: physiochemical responses and microbial community analysis](#)

Eheneden Iyobosa, Rongchang Wang,, Gaoxiang Chen, O.B. Adesina, Haijing Ren, Jie Chen, Jean Pierre Bavumiragira, Jianfu Zhao

Link <https://www.sciencedirect.com/science/article/pii/S0048969724066956?via%3Dihub>

2025

[Predictive modelling of peroxisome proliferator-activated receptor gamma \(PPAR \$\gamma\$ \) IC50 inhibition by emerging pollutants using light gradient boosting machine](#)

A. Awomuti, Z. Yu, O. Adesina, O.W. Samuel, A.W. Mumbi & D. Yin

Link <https://pubmed.ncbi.nlm.nih.gov/40126364/>

- **VOLUNTEERING**

Shanghai, China.

International Volunteer Day Shanghai, China

Wuhan, China

2nd China-Africa Youth Innovation and Entrepreneurship competition, China.

Write here the description...

Ogun State, Nigeria.

Immunization Program Engagement, World Health Organization (W.H.O.).

Ogun State, Nigeria.

World Health Organization Measles Vaccination

Benin Republic

Redeem Christian Fellowship (RCF) Decoration coordinator

- **CERTIFICATIONS**

International Seminar, ASEAN-China: Asian-African Youth Dialogue, UNEP-Tongji

Climate Change and Human Rights, Confronting and Countering Gender-based Violence: AMNESTY INTERNATIONAL

Transforming Nigerian Youths Program (By Enterprise Development Center and Young Africa Works)

Tongji University Laboratory Safety Education Training Certificate

Health Safety and Environment certificate (HSE 1,2,3) from the chartered institute of Environmental Health and Safety, USA.

Jobberman/ Accelerated Soft-skills training, (Jobberman Certificate of Achievement)

Herstory Nigeria Public Speaking Training
