

PERSONAL INFORMATION

Olusanya Awoyele

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EDUCATION

(31.03.2020) **Master of Science (Global Change Ecology)**
Universität Bayreuth, Bayreuth, Bayern, Germany

(31.07.2012) **Bachelor of Science (Geography)**
University of Ilorin, Ilorin, Kwara state, Nigeria

WORK EXPERIENCE

(01.09.2020 – Present) **Research Assistant (Project DiMoC – Funded by BiodivERsA3 ERA-Net & DFG)**
Faculty of Biogeography, University of Bayreuth, Germany
Role

- Assisting the research group in analysing the diversity components of Mosquito-borne diseases under climate change.
- Using machine learning algorithm (MAXENT) in R to predict area at risk of mosquito-borne disease transmission
- Post-processing model output from R to create high resolution maps, using QGIS
- Publishing of research in appropriate journals (publications in view)

Achievement: [Developed advanced spatial and statistical analysis skills](#)

(01.12.2018 – 27.02.2019) **Intern**
Centre for energy research and development, OAU Campus, Ile Ife, Osun State, Nigeria
<http://cerd.oauife.edu.ng/>
Role

- Worked with scientists on collecting water and soil samples from mining sites
- Assisted in the lab for analysis of heavy metals in soil and water samples
- Writing environmental reports from research findings, to be submitted to relevant authorities

Achievement: [Developed research reporting skills](#)

(01.02.2018 – 31.10.2018) **Student Assistant**
Department of Plant Ecology, University of Bayreuth, Germany
Role

- Assisted in evaluating combined effects of nutrients and drought on whole plant performance
- Organized various laboratory experiments on drought effects on plants across a land use gradient

Achievement: [Developed field and laboratory analysis skills](#)

(01.01.2014 – 31.10.2016) **Environmental Impact Analyst**
Aqua Planet Nig LTD, Ibadan, Oyo State, Nigeria
Role

- Sourcing for Environmental Impact Assessment (EIA) projects for the company
- Drafting and submission of funding proposals for the company to potential funding bodies
- Drafting of environmental assessment reports from field surveys for relevant stakeholders and reviewing the EIA reports with these stakeholders, in order to advise them appropriately.
- Processed and analysed satellite imagery (Landsat) with ArcGIS to assess wetland dynamics
- Produced maps to reveal changes and current distribution of wetlands, which are to be included in environmental impact assessment reports.

(01.07.2010 – 30.09.2010)

Intern (Meteorologist)

Nigerian Meteorological Agency (NIMET), Ilorin International airport, Kwara state, Nigeria

Role

- Inputted weather data into the database and sent information into the control tower
- Documented data in weather record book using MS Excel

Achievement: Exposed to team working and meeting deadlines under pressure with little or no supervision.

PERSONAL SKILLS

Languages English and Yoruba (Native Languages), German (A2)

Computer skills.

Remote Sensing:	SEADAS, ENVI
GIS:	ArcGIS, QGIS, Google Earth Engine
Programming/Modelling:	Python, R, MaxEnt
Operating Systems:	Linux (Ubuntu), Windows, Mac
Others:	MS Office suite, SPSS, SQL, Adobe Photoshop

Driving licence B (Deutschland- In view)
D (Nigeria)

ADDITIONAL INFORMATION

Thesis

- Effects of climatic variabilities on the production of maize: A case study of Kwara State, Nigeria (Bachelors Thesis)
- Altitudinal shifts in Chikungunya transmission in Africa and South America: Implications of climate change (MSc Thesis)

Conferences and science school

- **STUBE-BAYERN:** Digitization and AI in global agriculture and food security: July 2020
- **United Nations COP14 2018**, Sharm el sheik, Egypt (Convention on biological diversity and safeguarding life on earth)
- **IPBES 2017 5th plenary**, Bonn, Germany (Assessing the state of biodiversity and the ecosystem services it provides to society)
- **University of Bayreuth summer school 2017** (Public health and the environment)

Awards

- Runners up - Commonwealth International Essay (Commonwealth Office, UK) (2003)
- Expert reader- United Nations Convention to combat desertification (2014)
- University of Bayreuth scholarship for international students (2017-2018)

Volunteer Experience

- **Lassa fever sensitization in the rural areas of Ile Ife:** Feb 2015 – April 2015
Employer: Agbeja and friends initiatives.

Membership Society of Photo-Optical Instrumentation Engineers, IEEE Oceanic Engineering Society, Nigerian Conservation Foundation.

Hobbies Classical music – Trumpet | Meeting people | Cycling | Cooking | Football

References Available on request