

CHUKWUDI NZOIWU

12 Umunri Close, Umukabia New Layout, Amawbia, Anambra State, Nigeria

+234 (0) 703-563-6699 | cp.nzoiwu@unizik.edu.ng | [ResearchGate](#) | [Google Scholar](#) | [ORCID](#)

POST SECONDARY EDUCATION

- **MSc Geography**, University of Ibadan, Ibadan, Oyo State, Nigeria 2014 – 24th Nov. 2015
Thesis: “An Assessment of the Potential Effects of Climate Variability and Climate Change on Agulu Lake, Anambra State”
Final Cumulative GPA: 5.0/7.0 Top 5% Second Class Upper
- **BSc Geography and Meteorology**, Nnamdi Azikiwe University, Awka, Nigeria 2007 – 28th July 2011
Project: “Effects of Climate Change on Fish Production in Lagos State”.
Final Cumulative GPA: 4.59/5.0 Top 1% First Class Honours

HONOURS AND AWARDS

- Best Graduating Student in Geography and Meteorology, Nnamdi Azikiwe University 2016
- Team member, TETFUND-NRF Research Grant (Team member) 2020
Project title: “Development of Hydrological Model for Predicting the Response of Ungauged Mamu River Basin to Climate Change”

PROFESSIONAL MEMBERSHIP

- Nigerian Association of Hydrological Sciences (NAHS) 2019 – date
- Association of Nigerian Geographers (ANG) 2020 – date

RELEVANT WORK EXPERIENCE

- **Nnamdi Azikiwe University, Awka, Nigeria. June 2020 – Present**
Lecturer II: I currently teach and grade over 50 undergraduates in the Department of Geography and Meteorology on classwork, assignments, and examinations. I also supervised undergraduate students in their research project. I equally prepared and upload their results on the university’s portal. I teach courses on climatology, hydrology, water resources and quantitative techniques using statistical packages like SPSS, R programming.
- **Nnamdi Azikiwe University, Awka, Nigeria. June 2019 – June 2020**
Assistant Lecturer: I assisted Assoc. Prof E.E. Ezenwaji to delivering lectures to undergraduates on GME 213 – Introduction to Hydrology, GME 212 – Introduction to Water Resources, GME 319 – Hydrology and GME 337 – Quantitative Techniques in Geography. I assisted Prof. I.C. Enete in teaching GME 204 – Practical Meteorology and Instrumentation. I was also appointed staff adviser to the departmental student association NAGAMS where I provided guidance to the body to publish the first student magazine.
- **Pre-Science Programme, Nnamdi Azikiwe University, Nigeria 2017 – 2019**

Geography Lecturer: I skillfully taught, supervised, and graded over 1000 pre-degree in their examination.

VOLUNTEERING

- **Edwin Mmuoemenam Care Foundation (EMCF) Igboekwu, Nigeria** **2019 – Present**

Project Coordinator: I currently volunteer as the project coordinator for the EMCF foundation in soliciting and raising funds to support indigent students through undergraduate studies. I conduct background checks on the indigent students, arrange for interviews and their awards.

- **Department of Geography and Meteorology, Nnamdi Azikiwe University**

Volunteer Research/Teaching Assistant

March 2016 – Jan 2018

I volunteered in conducting practical on GIS applications for the 4th year undergraduate students. I provided teaching assistance to the Department for the undergraduate students: taught Cartography courses (GME 205 & 381), Principles of Climatology (GME 252), Introduction to Practical Geography (GME 101) and Geographic Information systems (GME 461 & 462).

PUBLICATIONS

- **Nzoiwu, C. P.**, Ozoemene, M. L. and Emelugini, O. O (2020). “Detection of Land Use and Land Cover Dynamics using Geospatial Techniques in Awka North Local Government Area, Anambra State”. *Nigerian Journal of Geography and Environment*. Vol 4 (1 &2), Pp 135 – 150.
- **Nzoiwu C. P.**, Phil-Eze, P.O., Ezenwaji E. E., and Igu N. I. (2018). “Analysis of Land Use/ Land Cover Change in Awka, Nigeria”. *Nigerian Geographical Journal*. Vol. 11(2), Pp 17 – 29.
- Igu N. I., Ezenwaji E. E., and **Nzoiwu C. P** (2017). “Species Diversity and Modification in Freshwater Swamp Forest Ecosystem: Implication for Conservation and Climate Change”. *Nigerian Geographical Journal*. Vol. 11(2), 19 – 30.
- **Nzoiwu, C.P.**, Agulue, E.I., Mbah, S. and Igboanugo, C.P (2017). “Impact of Landuse/Landcover Change on Surface Temperature Conditions of Awka Town, Nigeria”. *Journal of Geographic Information System*. Vol. 9(6), 763 – 776. DOI:10.4236/jgis.2017.96047
- **Nzoiwu, C.P.**, Ezenwaji, E.E. and Okoye, A.C. (2017). A Preliminary Assessment of the Effects of Climate Variability on Agulu Lake, Anambra State, Nigeria. *American Journal of Climate Change*, Vol.6 (4), Pp. 694 – 710.
- Ezenwaji, E.E., **Nzoiwu, C.P.** and Chima, G.N. (2017). “Analysis of Precipitation Concentration Index (PCI) for Awka Urban Area, Nigeria”. *Hydrol. Current Res.*, 8:287. doi:10.4172/2157-7587.1000287
- Ezenwaji, E.E., **Nzoiwu, C.P.** and Umeogu, C.C. (2017). Contributions of Rainfall and other Meteorological Factors to Building Collapse in Urban Areas of Anambra State. *Environmental Review*, Vol. 6(1), Pp. 45 – 55.
- **Nzoiwu, C. P.**, Enete C. I., Ezezue, A.M., Okolie, A. O. and Adibe, J.C. (2017) “Contributions of Wet Periods on Road Crashes in Awka, Anambra State, Nigeria”. *Int. J. of Sci. & Eng Res*. Vol. 8(7) Pp 1687 – 1701.
- Igu, N.I., **Nzoiwu, C.P.** and Anyaeze, E.U. (2017) “Biodiversity and Carbon Potentials of a Nigerian Forest Reserve: Insights from the Niger Basin”. *Journal of Environmental Protection*, **8**, 914-922 DOI: [10.4236/jep.2017.88057](https://doi.org/10.4236/jep.2017.88057)
- **Nzoiwu, C. P.** and Ezenwaji, E. E. (2017) “Contributions of Anthropogenic Factor to the Observed Surface Area Variation of Agulu Lake, Anambra State”. *J. Geogr., Meteorol. and Env. (JGME)*. Vol. 2 (1) pp 38 – 45.

- **Nzoiwu, C.P.**, Ezenwaji, E.E., Enete, C.I. and Igu, N.I. (2017). “Analysis of Trends in Rainfall and Water Balance Characteristics of Awka, Anambra State”. *Journal of Geography and Regional Planning*. Vol. 10(7), pp. 186-196: DOI:10.5897/JGRP2016.0603
- Ezenwaji, E.E., **Nzoiwu, C.P.** and Eduputa, B.M. (2016). “Enhancing Urban Water Supply through Rain Water Collection in Enugu Town, Nigeria”. *Journal of Geosciences and Environmental Protection*, **4**, 82 – 88.

LEADERSHIP EXPERIENCE

Director of Socials, National Association of Catholic Corpers (NACC) Adamawa State 2012/2013

I ensured that the welfare of catholic corps members are catered for during our National Youth Service (NYSC) at Local Government level across the entire State of Adamawa, Nigeria

President, National Association of Geography and Meteorology Students (NAGAMS) 2010/2011
Nnamdi Azikiwe University, Awka, Nigeria.

I liaise with the department staff in addressing issues affecting the general welfare of the students, organize induction of new students and assist in sorting out academic issues and difficulties faced by the students at various levels of school management.

SKILLS

ICT: R programming, Spatial analyst using ArcGIS and QGIS; Statistical analyst using SPSS; Keyboard skill – 40WPM; proficient in Microsoft Word, Excel, and PowerPoint

Others: excellent skills in writing and editing garnered through research and publications; excellent skills in speaking garnered through years of teaching and public speaking

EXTRA CURRICULAR ACTIVITIES

Travelling, Hydrology and Climate Research, Reading, Cooking, Football, and board games (chase and scrabble),