



Professor Alexander Iheanyichukwu Opara

Alexander Iheanyichukwu Opara is a Professor of Geology at the Federal University of Technology Owerri, Nigeria (2018), Bachelor of Technology in Geology (Geophysics) Federal University of Technology Owerri (1997) and graduated with a Master's degree in Geophysics from the Federal University of Technology Owerri, Nigeria (2002) and Doctor of Philosophy in Geology(Applied Geophysics) from University of Nigeria Nsukka(2008). Professor Opara is an Academic of the Federal University of Technology Owerri (Nigeria) since 2002 and belongs to the Department of Geology of the Faculty of Physical Sciences.

His research interest covers various areas which includes remote sensing/GIS application in spatio-temporal studies, meteorology/atmospheric pollution, Erosion and vulnerability assessment, land use /land cover change detection, basin analysis/reservoir characterization, overpressure studies/basin modelling, rock physics, geothermal studies, etc. His current research interest includes multi-disciplinary studies of the environment (Water, Air & Soil) using geophysical and geochemical techniques (2013-2022). He has published over 150 papers in indexed journals and has made about 40 presentations in national and international conferences of the specialty. Within his research projects he has directed several theses and has been a thesis evaluator and supervisor. He has successively supervised about 15 PhDs and over 25 MSc Thesis.

Since 2003, he has taught several undergraduate and post-graduate courses in the subject areas of Environmental Geology, Solid Earth Geophysics, Hydrogeophysics, geothermal energy exploration etc. Producing notes, Lab and Exercise guides, and Online Courses. During these years he has held several positions in the university including Head of the Department of Geology, Director Institute of Erosion Studies, and currently, Director Central Instruments and Equipment Centre. He is also currently the Head of Programme of the Future Energies Programme of the African Centre of Excellence in Future Energies and Electrochemical Systems. He has participated in the modification and development of new undergraduate programmes. He currently participates as a researcher and co-researcher at two Centres of Excellence in the University.

Prof. Opara who is a Knight of St. Mulumba is happily married to Lady C.C.Opara and the marriage is blessed with three children.