**COLLEGE OF POSTGRADUATE STUDIES**

**NNAMDI AZIKIWE UNIVERSITY**

**AWKA**

**PROFILING OF POSTGRADUATE SUPERVISORS**

**List of Potential Supervisors (According to Faculty & Department)**

1. **FACULTY OF PHYSICAL SCIENCES**
2. **Department of Geological Sciences (Applied Geophysics)**

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| --- | --- | --- | --- | --- | --- | --- |
| **S/N** | **Potential Supervisor** | **Rank** | **Research Expertise and Interests** | **Programme Approved to Supervise** | **Ten Key Publications**  **in Specialty Area(s)** | **E-mail**  **(UNIZIK only)** |
| 1. | Izuchukwu Ignatius Obiadi | Reader | Applied geophysics,  Exploration geophysics,  Environmental geophysics | PGD, MSc and  PhD | 1. Obiadi, I.I., Okoye, F.C., Obiadi, C.M., Irumhe, P.E., and A.I. Omeokachie (2019). 3-D structural and seismic attribute analysis for field reservoir development and prospect identification in Fabianski Field, onshore Niger delta, Nigeria, Journal of African Earth Sciences, 158, 103562 https://doi.org/10.1016/j.jafrearsci.2019.103562 (Elsevier)  2. Mgbolu, C.C., Obiadi, I.I., Obiadi, C.M., Okolo, C.M. and Irumhe, P.E., (2019). Integrated groundwater potentials studies, aquifer hydraulic characterization and vulnerability investigations of parts of Ndokwa, Niger Delta Basin, Nigeria, Solid Earth Sciences, 4 (3), 102-112. doi.org/10.1016/j.sesci.2019.06.002 (Elsevier)  3. Irumhe, P.E., Obiadi, I.I., Obiadi, C.M, Ezenwaka, C.K. and Mgbolu, C.C., (2019). Estimating sedimentary pile thickness, structural lineaments and heat flow in parts of North Central Nigeria from aeromagnetic data, Solid Earth Sciences, 4 (3), 92-101. doi.org/10.1016/j.sesci.2019.06.001 (Elsevier)  4. Obiadi, I.I., C.M. Obiadi, B.E.B. Akudinobi, U.V. Maduewesi and E.O. Ezim, (2016). Effects of coal mining on the water resources in the communities hosting the Iva Valley and Okpara Coal Mines in Enugu State, South East Nigeria, Sustainable Water Resources Management, 2(3), 207-216 (DOI: 10.1007/s40899-016-0061-8). (Springer)  5. Obiadi I.I., A.G. Onwuemesi, O.L. Anike, N.E. Ajaegwu, E.K. Anakwuba, C.M. Nwosu, E.O. Akpunonu, E.N. Onuigbo and O.L Onuba, (2013). Determining subsurface fracture characteristics from Azimuthal Square Array Resistivity Survey at Igarra, Nigeria, Pure and Applied Geophysics, 170(5), 907-916. DOI 10.1007/s00024-011-0443-7. (Springer)  6. Obiadi, I.I., Ozumba, B.M and P.L. Osterloff, (2012). Sequence Stratigraphy and Hydrocarbon Distribution in Parts of the Eastern Central Swamp Depobelt, Niger Delta, Nigeria, NAPE Bulletin, 24(1), 43-51 | ii.obiadi@unizik.edu.ng |
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