**COLLEGE OF POSTGRADUATE STUDIES**

**NNAMDI AZIKIWE UNIVERSITY, AWKA**

**PROFILE OF POSTGRADUATE SUPERVISORS**

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

**5. FACULTY OF ENVIRONMENTAL SCIENCES**

**Department of Surveying and Geoinformatics**

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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. | Joel Izuchukwu Igbokwe | Professor | Surveying, Digital Mapping, Remote Sensing and Geographic Information Systems Applications | PGD, M.Sc.  &  PhD. | 1. **Igbokwe, J. I.**, (1995). Geometrical Processing of Multisensoral, Multitemporal Satellite Images for Change Detection Studies. *International Journal of Remote Sensing*. Vol. 20, No. 6, pp. 1141 – 1148, Taylor and Francis, London.  2. **Igbokwe, J. I.**, J.O. Akinyede, B. Dang, T. Alaga, M.N. Ono, V.C. Nnodu, and L.O. Anike (2008). Mapping and Monitoring of the Impact of Gully Erosion in Southeastern Nigeria with Satellite Remote Sensing and Geographic Information System. *International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences,* Vol. XXXVII, Part B8, Beijing 2008, pp 865 – 871.  3. **Igbokwe, J. I.**, Ezeomedo, I. C. and Ejikeme, J. O. (2013). Identification of Urban Sprawl Using Remote Sensing and GIS Techniques: A Case Study of Onitsha and Its Environs in Southeast Nigeria. *International Journal of Remote Sensing and Geosciences.* Vol. 2, No. 6, pp 41 – 49  4. **Igbokwe, J. I.**, Ibe, C. U., Ejikeme, J. O. and Igbokwe, E. C (2016). Spatio – Temporal Mapping and Analysis of Agulu – Nanka Gully Erosion Site in Anambra State, Nigeria. *Nigerian Journal of Surveying and Geoinformatics, Vol. 5, No. 1, pp 45 – 59.*  5. **Igbokwe, J. I.**, Ogunlade, S. O., Ejikeme, J. O. and Igbokwe, E. C. (2016). Mapping and Monitoring Deforestation in Ondo State Using Remote Sensing Techniques for Forest Resources Management. *Nigerian Journal of Surveying and Geoinformatics, Vol. 5, No. 1, pp 108 – 117.*  6. Ezeomedo, I. C. and **Igbokwe, J. I.** (2018). Accessing Agulu Lake Through the Application of Remote Sensing and Geospatial Information Technology. *African Journal of Environmental Research, Vol. 1, No.2, pp 78 - 89*  7. Ejikeme, J. O., **Igbokwe, J. I.**, Umenweke, D. and Ugwu, E. (2019). Comparative Analysis of SRTM and ASTER GDEMs in Topographic and Hydrologic Modeling of Onitsha and Environs, Anambra State, Nigeria. *SSRG* *International Journal of Geoinformatics and Geological Sciences, Vol.6, No. 2, pp 14 -21*  8. Jesse, E. E., **Igbokwe, J. I.**, Essien, E. and Sumi, Y. L.(2019). Assessment of Water Level in Dadin Kowa Dam Reservoir in Gombe State Nigeria Using Geospatial Techniques. *International Journal of Environment and Geoinformatics, Vol. 6, No. 1, pp 115 -124*  9. Aweh, D. S., **Igbokwe, J. I.**, and Ejikeme, J. O., (2021). Analytic Hierarchy Process-Based Environmental Criteria Weight Assessment and Prioritization for Suitable Petroleum Refining Plant Siting in Edo State, Nigeria. *Asian Review of Environmental and Earth Sciences, Vol. 8, No 1, pp 10 – 17.*  10. Olla, C. M., **Igbokwe, J. I.,** Ojiako, J. C. and Igbokwe, E. C. (2021). Effect of Terrain Configuration on the Performance of SRTM v3 and ALOS PALSER DEMs Over the Federal Capital Territory (FCT), Nigeria. *Journal of Environment and Earth Science, Vol. 10, No. 6, pp167 -174* | [ji.igbokwe@unizik.edu.ng](mailto:ji.igbokwe@unizik.edu.ng)  +2348033817170 |