

Personal Data

Date of Birth: 23rd February, 1984

Nationality: Nigerian

Home Town: Amechi Awkunanaw, Enugu.

Status: Married

Marital Status: Principal Consultant

Religion: Christianity

Languages Spoken: English, Igbo

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Expertise

- Casastral/Property Survey
- Engineering Survey
- Aerial Data Collection
- GIS & Mapping
- Geometric Geodesy
- Real Estate Development
- Land Administration

VICTOR CHUKWUEMEKA NNAM

(B.Sc, M.Sc, PhD, Mnis)

SENIOR LECTURER (Volunteer) DEPARTMENT OF GEOINFORMATICS AND SURVEYING UNIVERSITY OF NIGERIA ENUGU CAMPUS

> MD/CEO GEOSQUAREMETER INNOVATIVE LTD 15 CARTER STREET, OGUI, ENUGU. NIGERIA

Academic Qualifications With Dates

Feb 2019 Ph.D PhD in Geoinformatics and Surveying (Geodesy)

July 2011
M.SC
M.SC in Geoinformatics and Surveying

Aug 2007
B.Sc
B.SC in Surveying and Geoinformatics

July 2012
B.Sc
B.Sc in Geoinformatics and Surveying

July 2002
S.S.C.E
Senior School Certificate of Education, S.S.C.E

July 1995 F.S.L.C First School Leaving Certificate

Institutions Attended

- University of Nigeria, Enugu Campus, Enugu, Nigeria.
- Enugu State University of Science and Technology (ESUT), Enugu, Nigeria
- University of Nigeria Secondary School, Enugu Campus, Enugu, Nigeria.
- Robinson Street Primary School, Uwani, Enugu, Nigeria

PROFILE OF DR. VICTOR CHUKWUEMEKA NNAM

Dr. Victor Chukwuemeka Nnam was born in the early 80's to the family of Deacon and Deaconess John Okwor Nnam in Amechi Awkunanaw, Enugu South LGA, Enugu State as a twin where he displayed uncommon traits of intelligence, diligence and leadership from childhood.

He studied B.Sc, M.Sc and PhD in Surveying and Geoinformatics at Enugu state University of Science and Technology and University of Nigeria respectively. He is a Registered Surveyor in the Surveyors' Council of Nigeria and a Member of Nigerian Institution of Surveyors, an Alumnus of the Institute for National Transformation and a Member of the Abuja School of Social and Political Thought.

During his academic life in Enugu State University of Science and Technology (ESUT), he was a member of Enugu State Boundary Committee and an examiner of the Surveyors Registration Council (SURCON). Dr Nnam have over 40 academic publications some of which were presented in 13 international conferences in 13 countries from 2012 till date.

Dr. Nnam was the Best Graduating Student of the Department of Surveying and Geoinformatics, ESUT in 2007, He was also the Best Departmental Lecturer Award Department of Surveying and Geoinformatics, ESUT 2012. He received a Commendation from the Governing Council of Enugu State University of Science and Technology in 2018. Dr. Victor Nnam is an accomplished Land Surveyor in private practice as the Principal Consultant of Geo-squaremeter Innovative Ltd and Geosynergy Services Ltd. He sits on the Board of several other business concerns. In 2019 he was entrusted with the position of Hon. Commissioner, Ministry of Lands and Urban Development, Enugu State.

Dr Victor Nnam as a lecturer at Enugu State University started a Mentorship Club where young students were molded into responsible and pragmatic citizens. His passion to see the next generation attain their full potential birthed the AspireNow Mentorship Foundation (AMF), where he serves as The President. AMF is a platform that scouts for the brightest and value-based students for sponsorship and mentoring in Enugu State.

Dr. Victor Nnam is currently a volunteer Senior Lecturer in the Department of Geoinformatics and Surveying, University of Nigeria.

His vision is 'the maximum contribution to humanity towards a better society", he is guided by the values of Discipline, Integrity, Excellence and Patience. He believes a new Nigeria is possible in his lifetime. His life philosophy is the Golden Rule.

Dr. Victor Nnam is married to Mrs. Divine Nnam (Nee Adogu) with Four children and resident in Enugu, Nigeria.

Professional Qualifications

O Nov. 2011 Surveyors Council of Nigeria (SURCON) Certified 2011/2188

Nov. 2013
Nigerian Institution of Surveyors (NIS)
Member (Mnis)

Working Experience



Awards and Commendations

 Apr 2000 Most Valuable U16 Player (MVP) NIPOST Basket Ball Academy, Enugu.
Aug 2007 Best Graduating Student Department of Surveying and Geoinformatics, ESUT.
Dec 2012 Best Departmental Lecturer Award Dept. of Surveying and Geoinformatics. ESUT.
Dec 2018 Commendation From the Governing Council of Enugu State University of Science and Technology, ESUT

Leadership Positions

Q 2004 - 2005 P.R.O, Nigerian Institution of Surveying Students (NISS) Enugu State University of Science and Tech (ESUT). 2005 - 2006 Ó Representative, Nigerian Institution of Surveying Students (NISS) in Enugu State University of Science and Technology (ESUT) at the Student Union Government (SUG) **O** 2008-2009 Cadet-in-Chief NYSC Road Safety Club, Sokoto, 2008 Batch B. 2012 - 2016 Ó **Financial Secretary** Young Surveyors Network, Nigeria 2017 - Date ¢ **Publicity Secretary** Nigerian Institution of Surveyors (NIS), Enugu Branch. Sept 2019 - Oct 2021 \diamond Hon. Commissioner Ministry of Lands and Urban Development, Enugu State

International Conferences/ Trainings Attended

- International Federation of Surveyors (FIG)Working Week 2012, 6-12 May, 2012, at Rome, Italy.
- International Federation of Surveyors (FIG)Working Week 2013, • 6-10 May, 2013, Abuja, Nigeria.
- River Basin Management Conference of WIT, 22 - 24 May, 2013, New Forest, United Kingdom.
- International Federation of Surveyors (FIG) Congress 2014, 16 – 21 June 2014, Kuala Lumpur, Malaysia.
- International Federation of Surveyors (FIG)Working Week 2015, 17th – 21st May 2015,Sofia, Bulgaria.
- Real Estate Developers Summit/Training on Construction Economy by University of Florida at, 6th-15th January, 2016, Orlando, Florida, USA.
- International Builders Conference, 17-23rd January, 2016, Las Vegas, USA.
- International Federation of Surveyors (FIG)Working Week 2016, 2nd – 10th May 2016, Christ Church, New Zealand
- International Federation of Surveyors (FIG)African Regional Network. 14th – 19th November, 2016, Abidjan, Ivory Coast
- International Federation of Surveyors (FIG)Working Week 2017, 26th may 3rd June, 2017, at Helsinki, Finland.
- International Federation of Surveyors (FIG) Congress 2018, 6th 11th May 2018, at Istanbul, Turkey.
- World Bank 20th Conference on Land and Poverty, 25th 30th March, 2019, Washington DC, USA.
- Commonwealth Association of Surveying and Land Economy (CASTLE) Conference, September, 2019, London UK.

1. Nnam V .C, (2007): Determination of Longitudinal and cross-section of Apo road (part of), FCT, ABUJA.A Bachelor's Degree Project presented to the Department of Surveying and Geoinformatics, Enugu State university of Science and Technology, Enugu State, Nigeria.

2. Nnam V.C., (2011): Implementation of Multipurpose Cadastre, a case study of Achara layout, Enugu.A master's Degree Dissertation presented to the Department of Geoinformatics and Surveying, University of Nigeria, Enugu Campus, Enugu Nigeria.

3. Nnam V.C. (2011): Layout Survey of Polo club Residential Layout, Gwiwa, Wamakko Local Government Area, Sokoto State. Main Discourse project report presented to the Surveyors' Council of Nigeria Professional Examination Board, Abuja, July 2011.

4. Nnam V.C. (2011): Perimeter, Topographic and Detail Survey of Part of Enugu State University of Science and Technology Temporary site, Independence Layout, Enugu. Minor Discourse 1.0, project report presented to the Surveyors' Council of Nigeria Professional Examination Board, Abuja, July, 2011.

5. Nnam V.C. (2011): Perimeter Survey of ESUT Junior and Senior Staff Quarters; It was carried out in ESUTPermanent site Ebeano-City, Enugu State. Minor Discourse 2.0, Project report presented to the Surveyors' Council of Nigeria Professional Examination Board, Abuja, July, 2011.

6. Nnam V.C. (2011): Longitudinal profile of Umueze-Amodu Road, Nkanu-West Local Government, Enugu State. Minor Discourse 3.0, project report presented to the Surveyors'Council of Nigeria Professional Examination Board, Abuja, July, 2011.

7. Nnam V.C. (2011): Map update of the Street Guide Map of Part of Enugu-South Urban (Part of) MinorDiscourse 4.0, project report presented to the Surveyors' Council of NigeriaProfessional Examination Board, Abuja, July 2011.

8. Nnam V.C., Aniejionu C. D., Okeke F. I. (2011): Implementation of Multipurpose Cadastrein Enugu state, Nigeria. A paper presented at the technical session of the 56th Annual General Meeting/Conference of Nigerian Institution of Surveyors, Calabar, Nigeria; June, 2011.

9. Nduji N. N., Nnam V. C., and Ekpete B. O. (2012): Gully Erosion Monitoring Using Remote Sensing. A Case Study of Iyioku River (Part of), Nike, Enugu state, Nigeria. A paper presented at the technical session of the 57th Annual General Meeting/Conference of Nigerian Institution of Surveyors, Ilorin, Nigeria; June, 2012.

10. Nnam V.C., EKPETE B.O., and Aniejionu C. D., (2012): Improving Street Guide Mapping of Enugu South Urban Area through Computer Aided Cartography. Paper 5621, presented at the technical session, TS08I – Low Cost Surveying and Mapping, FIG Working Week, 6-12 May 2012 at Rome, Italy.

11. Onwuzulibgo C., Ejikeme J., and Nnam V.C., (2012): Surveyors' Participation in Active Politics in Africa: Bridging the Disconnect. Paper 5625, presented at the technical session, TS08E – Professional Work Environment – Associations, Ethics and Practice FIG Working Week, 6-12 May, 2012, at Rome, Italy. (Visible on Google Scholar).

12. Okwu-Delunzu V.V., Nnam V.C., Enete I.C. (2013): Gully Erosion Monitoring Using Remotely Sensing. A Case Study of Nyaba River of Enugu State, Southeastern Nigeria. Technical paper presented as part of The Conference Week June 2014, Kuala Lumpur, Malaysia. Published and archived on fig.net (Visible on Google scholar).

13. Onwuzulibgo C., Ejikeme J., and Nnam V.C., (2013): Adequate Geodetic Infrastructure: The First Step to Sustainable Development. Paper 6447, presented at the technical session, TS01B – National Geodesy and Geospatial Infrastructure1. FIG Working Week, 6-10 May, 2013, Abuja, Nigeria. (Visible on Google Scholar). 14. Nnam U. G., Nnam V.C. and Nnam J.O, (2013): Object Based Image Classification for Mapping Urban Land Cover Pattern; A case study of Enugu Urban, Enugu State. Peer Reviewed Paper 6387, Published by International Federation of Surveyors (FIG) Peer Reviewed Journal for FIG Working Week, May, 2013, Abuja, Nigeria. Published and archived on fig.net (Visible on Google scholar).

15. Nnam V.C., Nnam U. G., and Nnam J.O, (2013): Assessment of Urban Development Using Supervised Classification of Remotely Sensed Imageries and GIS; A case study of Independence Layout (Part of), Enugu State. Peer Reviewed Paper 6388, Published by International Federation of Surveyors (FIG) Peer Reviewed Journal for FIG Working Week May,2013, Abuja, Nigeria. Published and archived on fig.net (Visible on Google scholar).

16. Nnam V.C , Maduako I., Nnam G. U, Onwuzuligbo C., Eze M. A.(2014): Assessment of Spatial Urban Dynamics in Enugu City Using GIS and Remote Sensing. Peer Reviewed Paper 6908, Published by International Federation of Surveyors (FIG) Peer Reviewed Journal for FIG Working Week June 2014, Kuala Lumpur, Malaysia. Published and archived on fig.net (Visible on Google scholar).

17. Nnam G. U, Ndukwu R. N, Nnam V.C, Onwuzuligbo C., Nnam J. O.(2015): Comparison of Pixel Based and Object Oriented Image Classification for Mapping Urban Greenery in Uwani Enugu. Peer Reviewed Paper 7557, Published by International Federation of Surveyors (FIG) Peer Reviewed Journal for FIG Working Week May 2015, Sofia, Bulgaria. Published and archived on fig.net (Visible on Google scholar).

18. Nnam V.C, Nnam G. U, Onwuzuligbo C. (2015): Optimum Geoid Determination for Enugu Lifestyle and Golf City Estate, Nigeria. Paper 7462, presented at the technical session. FIG Congress 2015, Titled: From the Wisdom of Ages to the challenges of the modern world, 17 – 21 may 2015, Sofia, Bulgaria. (Visible on Google Scholar).

20. Okeke, F. I., Nnam, V. C. (2016): Local Geoid Determination for Nigeria by The Transformation of Global Geoid Model, a paper published in the Nigerian Journal of Geodesy of Nigerian Association of Geodesy, Volume 1 – No. 1, September, 2017.

21. Okeke, F. I., Nnam, V. C. and Odumosu, J. O. (2016): Comparative Analysis of the Observational Accuracy Obtained from Spirit Leveling and GNSS Leveling, a paper published in the Nigerian Journal of Geodesy of Nigerian Association of Geodesy, Volume 1 – No. 1, September, 2017.

22. Nnam V.C, Okeke F. I. (2016): Determination of Best Fitting Geoid for Enugu State – Gravimetric Approach. Paper 7962, presented at the technical session. FIG working week, 2016, Titled: Recovery from Disaster, 2nd – 10th May 2016, Christ Church, New Zealand. (Visible on Google Scholar).

23. Okeke, F. I., Nnam, V. C. and Odumosu, J. O. (2017): Accuracy Assessment in Geometric Geoid Determination, Presented at Nigeria Association of Geodesy (NAG) National Conference Held at PH, Rivers State, October, 2017.

24. F. I. Okeke, V. C. Nnam and J. O. Odumosu. (2017): Relative Study of the Accuracy of Spirit Leveling and GNSS Leveling.Paper 8581, presented at the technical session. FIG working week, 2017, Titled: Surveying the World of Tomorrow, from digitization to Augmented Reality, 29 May – 2nd June 2017, Helsinki, Finland. (Visible on Google Scholar).

25. Onwuzuligbo C. U., Nnam V. C., Alozie P. O., Ejezie E. V. (2017): Implementation of Social Tenure Domain Model in Okpoko, Anambra State, Nigeria. Peer Reviewed Paper 8569, Published by International Federation of Surveyors (FIG) Peer Reviewed Journal for FIG Working Week May, 2017, Helsinki, Finland. Published and archived on fig.net (Visible on Google scholar).

26. Okeke F.I, Nnam V. C., Odumosu. J. O, (2018) Comparative Analysis of the Observational Accuracy Obtained from Spirit Leveling and GNSS Leveling. Peer Reviewed Paper Published by Nigerian Journal of Geodesy, Special Issue Vol. 2 – No. 2. ISSN 2651-6098.

27. V. C. Nnam, C. E. Ekpete-Edeh, I.C. Nnaji (2018) A Study on the Role of Surveyors in the Development of Divine Hectares Estate, Lifestyle and Golf City, Enugu. A paper 1.presented at the technical session of the 63th Annual General Meeting/Conference of Nigerian Institution of Surveyors, Bauchi, Nigeria; June, 2018.

28. Okeke, F. I., Nnam, V. C. (2018): Regional Geoid Modeling by Transformation of Global to Local Geoid Method. Presented at Nigeria Association of Geodesy (NAG) National Conference Held at Abuja, FCT, November 2018.

29. Nnam V.C, Onwuzuligbo C., Nnam J. O. (2018): Applications of Geoinformatics and Mapping in the Development of Divine Hectares Estate at Enugu Lifestyle and Golf City, Nigeria Paper 9315, presented at the technical session, FIG Congress 2018, Titled: Embracing the Geospatial Maturity of Societies, 6th – 11thMay 2018, Istanbul, Turkey. (Visible on Google Scholar).

30. Nnam V. C (2019): Development of Web-Based Local Geoid Information System for Enugu State based on Transformation of Global Geoid. A Doctorate Degree Thesis presented to the Department of Geoinformatics and Surveying, University of Nigeria, Enugu Campus, Enugu Nigeria.

31. Nnam V. C and Okonkwo Jude (2019) Land Use Change Detection and Prediction Using GIS and Remote Sensing, Case Study of Nsukka Urban, Enugu, Nigeria. Poster Presentation at World Bank 20th Conference on Land and Poverty, 25th – 30th March, 2019, Washington DC, USA.

32. Okeke F.I and Nnam V. C.,(2017) Local Geoid Determination for Nigeria by Transformation of Global Goid. Peer Reviewed Paper Published by Nigerian Journal of Geodesy, Special Issue Vol. 2 – No. 2 . ISSN 2651-6098.

33. Nnam V. C. (2019) Assessment of the Magnitude of Gully Erosion in Enugu Urban Area using Revised Universal Soil Loss Erosion Model (RUSLE). Peer reviewed journal publication by African Research Journal of Environment, Arejoen 2019 16-23. <u>https://doi.org/10.36265/arejoen.2019.020103</u>. ISSN ONLINE – 2736-139X ; PRINT – 2736 -1403 . (Visible on Google Scholar).

34. Nnam V. C. (2019) Application of 3D GIS in Development, Assessment, and Management of Divine Hectares Estate, Lifestyle and Golf City, Enugu, Nigeria. Peer reviewed journal publication by African Research Journal of Environment, Arejoen 2019 24-28. https://doi.org/10.36265/arejoen.2019.020104 . ISSN ONLINE - 2736-139X; PRINT - 2736 -1403. (Visible on Google Scholar).

35. Nnam V. C., Okonkwo U., Onwuzuligbo C. U. (2019) Spatio-Temporal Monitoring and Prediction of Physical Urban Development of Part of Nike, Enugu, Nigeria Using Remote Sensing and GIS. Peer review Journal Publication by Environmental Review-2019. (Visible on Google Scholar).

36. Odumosu, J.O, Ajayi, O. G, Nnam, V. C and Ajayi, S (2019).3-D Position Determination Using Close Range Photogrammetry for 3rd Order Accuracy Positioning. 1st annual conference of the Nigerian Association of Surveying and Geoinformatics Lecturers (NASGL), Federal University of Technology Minna-Nigeria. 4th – 7th February, 2019. Pgs. 232 – 250.

37. Nnam V. C. (2020) Monitoring and Prediction of Land Use in Enugu Urban, Nigeria, Using Gis and Remote Sensing. Paper 10250 Published by International Federation of Surveyors Peer Reviewed Journal. FIG Working Week 2020, Amsterdam, Nederland, ISBN 978-87-92853-93-6 ISSN 2307-4086. (Visible on Google Scholar).

38. Odumosu, J. O, Nnam, V. C, Adeleke, O. O, Avoseh, A and Ogundeji, O. (2020). Stereo photogrammetry for 2-d building deformation monitoring using kalman filter. Reports in Geodesy and Geoinformatics, 110 (1), 1 - 7. DOI: 10.2478/rgg-2020-0006. Journal of Warsaw University of Technology, Poland. Published by De-Gruyer. Indexed in Web of Science (WOS).

39. Odumosu, J. O and Nnam, V. C. (2020). Gravity data requirements for decimeter accuracy regional geoid using Stokes remove compute restore technique in Nigeria. Contributions to Geophysics and Geodesy, 50 (3), 325 - 346. Published by De-Gruyer. Indexed in SCOPUS

40. Odumosu, J. O, Ajayi, O. G, Nnam, V. C and Ajayi, S (2021). Achieving Close Range Photogrammetry with Non-metric Mobile Phone Cameras. Geodesy and Cartography, 47 (2), 71 -79. e-ISSN 2029-7009. DOI: 10.3846/gac.2021.12241. Published by Vilinius Gedilimas Technical University. Indexed in SCOPUS and rated Q3 in SJR.

41. Odumosu, J. O, Nnam, V. C and Nwadialor, I. J (2021). An assessment of spatial methods for merging terrestrial with GGM-derived gravity anomaly data. Journal of African Earth Sciences, 179 (2021). ISSN 1464-343X,179 (2021), 104202. Published by Elsevier. Indexed in SCOPUS and Q2 in Scimago rating

42. Okeke, F. I., Nnam, V. C., and Odumosu, J. O (2022). Transformation of Global to Local Geoid for Regional Geoid Modeling: Results from Enugu, Nigeria. Paper 11335, Pubished by the International Federation of Surveyors peer 1.reviewed jornal. FIG congress 2022, Warsaw, Poland, 11-15 September, 2022. (Visible on Google Scholar).

43. Odumosu Joseph O, Samaila-Ija Hassan, Paul Temitope and Nnam Victor C (2023). Preliminary Adjustments for the Establishment of the Lagos Gravity Network (LAGNET) 017. Tropical Journal of the Built Environment, 4 (1). Pgs 1 – 9.

PAPERS UNDER REVIEW

1. Odumosu Joseph, Nnam Victor, Kemiki Olurotimi Adebowale, Abubarkar Abdulkadir, Oyebanji Michael A.(2023) Application of Natural Language Parsing for Identifying Non-Surveyed Boundaries Towards Enhanced Systematic Land Titling: Results from Preliminary Experiment. Quaestiones Geographicae (Accepted for publication)

2. Victor Nnam, Souleiman Lamidi and Joseph Odumosu (2023). Analysis of Changes in Vegetation Phenology across Enugu State from 2010 – 2021 Using Moderate Resolution Imaging Spectroradiometer (MODIS). Heliyon (Under review)

3. Odumosu Joseph O, Aransiola, Blessing O, Ejepu Jude, Nnam Victor and Oyelami Charles (2023). Spectral Analysis for demarcationg High potential Gold Mineralization zones using LandSAT 8 satellite imageries. Journal of Taibah University for Science. (Under Review)

4. Odumosu Joseph O, Oyadokun Temitope and Nnam Victor (2023). A study on orbit-error in Pseudo-Range GNSS Positioning Using Simulated Satellite Constellations. International Journal of Intelligent Unmanned Systems. (Under Review)

5. Victor Nnam, Souleiman Lamidi and Joseph Odumosu (2023) Spatio-temporal Assessment of Forest Fires on Agricultural Land in Aninri Local Government Area of Enugu State Nigeria Using Remotely Sensed Data. (Under Review)

6. Nnam Victor and Odumosu Joseph O. (2023) Development of Marine Geoid for seamless vertical datum in onshore - offshore works using Neural Networks. (Under Review)

7. Victor Nnam, Joseph Odumosu, Akachi Ehirim-Mgbada, Cosmus Taribio, Theresa Ozonyia (2024) A Spatio-Temporal Assessment of the Greeneries within Enugu Urban Using GIS and Remote Sensing. African Research Journal of Environment, Arejoen.

8. Victor Nnam, Joseph Odumosu and Souleman Lamidi (2024). Assessment of Inter-Relationship Between CO2 Concentration, LST and NDVI in South Eastern Nigeria: A MODIS-Based Study. African Research Journal of Environment, Arejoen.

REFEREES:

- His Eminence, Alhj. Mohammadu Sa'adu Abubakar (CFR) The 20th Sultan of Sokoto Sokoto Caliphate Nigeria.
- His Excellency, Sen. Kenneth Ugwu Nnamani (GCON) Former Senate President Nigeria.
- Prof. Francis Okeke (PhD, Fnis) Dept. of Geoinformatics and Surveying, University of Nigeria, Enugu Campus. Nigeria.