

## CURRICULUM VITAE

**Surv. Emmanuel Menegbo, GISP** | Certified GIS Professional | Registered Land Surveyor  
**No. 7 Harcourt job close, Port Harcourt | Port Harcourt, Nigeria |**  
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### APPLICATION

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**JOB INTEREST:** Experienced Professional \_Individual contractor/Consultant/Partner  
Note: Ideal work place - global diversity, drugs free, and respect

**Services:** Data collection (Land Surveys, GPS satellite controls & GIS data)/mapping| GIS Assessment and Strategy Development|Data analysis / Management, and Research / Training|

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### EDUCATION/CERTIFICATION/OTHER SKILL

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**PhD student in Surveying and Geo-informatics: option in Geographic Information system and Remote sensing.** Nnamdi Azikwe University, Akwa, Nigeria. 2021. Thesis and course work completed,

**M.Sc. (Master of Science) in Surveying and Geo-informatics: option in Geographic Information system and Applications.** Nnamdi Azikwe University, Akwa, Nigeria. Thesis and course work completed, 2021.

**M.Sc. (Master of Science) in Geographic Information Science & Systems (UNIGIS),** Interfaculty department of Geo-Informatics (ZGIS) – University of Salzburg, Austria. May 2015

**B. Tech. (Bachelor of Technology) in Land Surveying.**  
Rivers State University of Science and Technology (now Rivers state University), Port Harcourt, Nigeria. July 2007.

**Professional Registered (Licensed) Land Surveyor** - Surveyors Council of Nigeria (SURCON)

**Certified Geographic Information Systems Professional (GISP) – Certification No. 91567**  
GIS Certification Institute IL 60016, USA.

#### **Certificate of completion**

ESRI 4 weeks MOOC - Do-It-Yourself Geo Apps, August 21, 2020 ESRI 6 weeks MOOC – Cartography, May 30, 2020

ESRI 6 weeks MOOC - Spatial Data Science: The New Frontier in Analytics, April 2, 2020

ESRI 6 weeks MOOC - Going Places with Spatial Analysis, March 20, 2019

NASA's (ARSET), Forest Mapping and Monitoring with SAR Data May, 2020, etc

SHELL/Nigeria Institute of safety Professional - HSE Management (Level 3) July, 2008

SHELL/Nigeria Institute of Safety Professional - Basic HSE April, 2008

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### TEACHING PHILOSOPHY AND EXPERIENCE/PUBLICATIONS

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### **Teaching Philosophy:**

*‘Effective communication is successful in teaching and learning only when overall student feedback is positive’.*

### **1. Department of Surveying and Geo-informatics, Captain Elechi Amadi Polytechnic, Port Harcourt, Nigeria.**

Lecturer I, 2013 – Till date.

Basic duties: Teaching, Research, and Community Service

Taught courses

- SUG 111 & SUG 112 Basic principles of surveying I & II &
- SUG 209 \_ Control Surveying
- GIT 201 – Elements of Geo-Informatics
- GIT 203 – GIS Database creation and usage
- URP 112 & URP 122 - Basic Land surveying I & II
- ICT 202 – Computer Aided Design and drafting II.

### **Journal Publication**

Menegbo, E. M. and Ebele J. Emengini (2023) Radar (sentinel 1 data)-based flood mapping in Rivers State, Nigeria. International Journal of Advanced Geosciences, 11 (1) (2023) 8-13

Menegbo, E. M. and Ebele J. Emengini (2023). Flood exposure assessment in Rivers State, Nigeria. International Journal of Physical Research, 11 (2) (2023) 31-35 DOI: 10.14419/ijpr.v10i1.32340

Menegbo, E. M. (2023) Assessments of coastal erosion in Rivers state, Nigeria, using Global cover 30. International Journal of Physical Research, 11 (1) (2023) 5-9. : DOI: 10.14419/ijpr.v10i1.32222

Menegbo, E. M. (2022) Monitoring land cover change and population growth, A study case of Obio/Akpor Local Government Area, Nigeria. International Journal of Physical Research, 10 (1)(2022) 63-67. DOI: 10.14419/ijpr.v10i1.31975

Menegbo, E. M. (2022) Geospatial Mapping of Settlement Population; A Case Study of Gokana LGA of Rivers State, Nigeria. Katsina-Ala Multidisciplinary Journal 3(2) (2022) 19-26. ISSN: 2141- 0992, PRINT

Menegbo, E. (2019). Locational Analysis of Surface Water Quality, Sediment and Dredge Spoil At Nembe, Bayelsa State, Nigeria, International Journal of Environment and Geoinformatics (IJEgeo), 6(1): 15-21. DOI: 10.30897/ijegeo

Menegbo E. and Dr. J.C. Ojiako (2018). Geospatial mapping and analysis of public health care facilities in OBIO/AKPOR LGA, rivers state, Nigeria. International Journal of Advanced Geosciences, 6 (2) (2018) 200-204.

Menegbo E. (2017). Geographical analysis of health facilities in Port Harcourt city local government area, Rivers state, Nigeria. A case study of rivers state, Nigeria. International Journal of Advanced Geosciences, 5 (2) (2017) 88-94.

Menegbo E. (2017). Determination of orthometric elevations using gnss-derived height with the egm2008 geoid height model, A case study of Rivers State, Nigeria. International Journal of Advanced Geosciences, 5 (1) (2017) 13-18. doi: 10.14419/ijag.v5i1.7190

Menegbo E. M. and Doosu, P. (2015). “Vertical accuracy assessment of SRTM3 V2.1 and Aster GDEM V2 using GPS control points for Surveying & Geo-informatics applications - Case study of Rivers State, Nigeria”. International Journal of Geomatics and Geosciences 6(1), pp 81-89.

Menegbo E. M. (2015). “Modelling Buildings Using Static 3D Geographic Information systems (GIS) -Case Study of Rivers State College Of Arts and Science (Rivcas) Campus, Port Harcourt - Nigeria” African Journal of Geo-Science Research, 2015, 3(4), pp 24-27.

### **Conference Papers**

Menegbo E. M. (2023). Review of status of Nigeria Geospatial Data Infrastructure for sustainable national development. Technical proceeding ASUP (CEAP Chapter) 7th National conference 2023. Fostering technological revolution and innovation for sustainable national development „. Port Harcourt, Nigeria, pp 27 (abstract).

Menegbo E. M. (2023). Application of InSynthetic Aperture Radar (InSAR) technology in monitoring displacements in large structures for sustainability. Technical proceeding ASUP (CEAP Chapter) 7th National conference 2023. „ Fostering technological revolution and innovation for sustainable national development „. Port Harcourt, Nigeria, pp 53 (abstract)

Menegbo E. M. (2016). Development of a Collaborative Spatial Data Infrastructure (SDI) for disaster risk management in Nigeria. 1st regional conference on disaster risk reduction. University of Port Harcourt, Nigeria. Pp 19(abstract).

Menegbo E. M. (2018). The Concept of Remote Sensing in Environmental Planning. Technical proceeding ASUP (CEP Chapter) 5th National conference 2018. „Environmental Sustainability in Nigeria: Challenges and Prospects“. Port Harcourt, Nigeria, pp 1089-1100.

Menegbo E. M. (2018). Concept of Geospatial Design tools for Implementation of Multi-Dimensional Urban Geographic Information Systems. Technical proceeding ASUP (CEAP Chapter) 5th National conference 2018. „Environmental Sustainability in Nigeria: Challenges and Prospects“, pp 1101-1108.

Menegbo E. M. (2021). GeoIA; Tools for economic recovery in Nigeria. Technical proceeding ASUP (CEAP Chapter) 6th National conference 2021. „Unmasking the potential of Polytechnic education and Technology deficiency in Nigeria: Category B“, pp 18-23

Menegbo E. M. (2021). Economic benefits of temporal Geodata dynamic capture. Technical proceeding ASUP (CEAP Chapter) 6th National conference 2021. „Unmasking the potential of Polytechnic education and Technology deficiency in Nigeria: Category B“,pp 1-7

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### **JOB EXPERIENCE**

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**Office of the Surveyor General Rivers State-Nigeria July – September, 2013**

Position: Senior Surveyor (business development unit)

## **Rivers State Geographical Information Systems**

### **Land Information Systems**

**2010 – June 2013**

Client: Rivers State Government

Contractor: Megatech Earth Digital Systems Ltd

Position: Surveyor (Party Chief- GIS data acquisition)

## **Bureau of Land & Surveys, Ogun State – Nigeria      2008-2009**

Position – Government Surveyor- GIS data acquisition (National Service)

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## **TECHNICAL PROFICIENCIES /COMPUTER /SOFTWARE /SKILLS**

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- Project management techniques: PRINCE, PERT, and SSADM
- Platforms: Windows 95/98/NT/2000/XP/M/Vista/7/8/10
- ESRI GIS: ArcGIS 10.x, ArcPad, Arc Explorer, Esri web platform/apps
- Other GIS tools: Blue Marble Destop (Geocalc), Autocad Map 20, Google Earth Enterprise/Pro, Geomedia Pro R Software, QGIS etc
- GPS Tools: Garmin Map source
- GPS Receivers: Trimble GeoXH 6000 Series, and DGPS receivers etc
- Statistical /development: (familiarity with R and statistics software), javascript, xml
- Surveying Tools: Leica TS series Total Station, Leica NA700 Series Auto Level
- Other Tools: Microsoft Office Suite, ERDAS **Imagine**, e-Cognition, Micro station,

Surfer

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## **PROFESSIONAL MEMBERSHIP/VOLUNTEER EXPERIENCE**

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- Formal Member, Geospatial Information & Technology Association (GITA)
- Formal Member, Urban and Regional Information Systems Association (URISA)
- Member, International Society for Photogrammetry and Remote Sensing (ISPRS)
- Member, Academic Staff Union of Polytechnic (ASUP), Nigeria
- Member, International Network of Crisis Mappers
- Member , AAG/ESRI, Geomentors
- GISCorps volunteers for UNITAR\_Unosat Geotag-X project 4th and 5th July, 2015  
Projects: “Emergency Shelter Assessment project & Somali drought”
- GISCorps volunteers for UNITAR\_UNOSAT Geotag-X project 28 to August 30th  
Projects: "Yemeni Cultural Heritage at Risk”
- Debate to Action – MDGs Development Service project 2009

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## **REFERENCE**

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