

# **CURRICULUM VITAE**

Names: **AKINWALE ROTIMI PETER**

## **ACADEMIC AND PROFESSIONAL QUALIFICATIONS**

University of Ibadan, Ibadan, Oyo State- **PhD (*in view*) Geophysics – (Dept. of Geology)**  
**2017 till date**

Specialisation: Reservoir Geophysics – Petroleum Geomechanics

University of Lagos, Akoka, Lagos - **MSc Geophysics – (Dept. of Geosciences)**  
**2014**

- Concentration: Exploration Geophysics
- Seismic Attribute Analysis, Offshore Niger Delta (Dissertation)
- Winner: NAPE YPF Basin Evaluation Competition 2012 (Team Member)
- Finalist: AAPG (African Region) IBA Basin Evaluation Competition 2013
- Third Best Presentation: African Geosciences Student Conference 2013

*Thesis:* Structural Modelling and Seismic Attribute Analysis of Jay Field, Offshore Niger Delta, Nigeria.

University of Lagos, Akoka, Lagos - **B.Sc (Hons) Applied Physics-Geophysics**

*2<sup>nd</sup> Class Upper Division* **2009**

## **SECONDARY AND POST SECONDARY EDUCATION**

- Iganmode Grammar School, Ota, Ogun State  
**WASSCE** **2003**

## **MEMBERSHIP**

NAPE: Nigerian Association of Petroleum Explorationists

SEG: Society of Exploration Geophysics

AAPG: American Association of Petroleum Geologists

## **WORKING EXPERIENCE**

**Department of Geosciences, Mountain Top University** **2016 till Date**

**Designation:** Lecturer II

**Area of specialisation:** Near Surface and Reservoir Geophysics

**Department of Geosciences, University of Lagos** **2009 to 2015**

- Free-lance instructor at the Workstation on Seismic Interpretation and Well log Interpretation (Petrel and OpendTect)
  - Trains Student in practical classes on Seismic Reflection Interpretation
  - Trains student on data QC and interpretation using Software such as Petrel and OpenDTect

## **Engineering and Hydrogeology Consultant:**

Near Surface Geophysical Data Acquisition and Interpretation

- Electrical Resistivity, Seismic Refraction
- Gravity, Electromagnetic and Magnetics

## **Technical Expertise**

- Seismic and Well log Interpretation: Petrel, OpenDTect, Geolog, Techlog
- Programming Skills (Matlab and Python)
- Conversant use of AutoCAD in Digitizing and Drawing Maps
- ArcGIS for Map and Spatial Analysis
- Ability to use Microsoft Office Tools (Excel, Word, PowerPoint and others)

**Student Supervision:** Four

## **RESEARCH**

(a) Research in Progress:

- I. Bathymetric mapping of MTU Lake with GPR and Marine Resistivity
- II. Mapping of buried utilities using resistivity and GPR
- III. Role of GPR in geological and engineering investigation

## **OTHER ACTIVITIES WITHIN THE UNIVERSITY SYSTEM**

Course Adviser

Faculty Advisor for Imperial Barrel Awards, 2021

Departmental SIWES Coordinator

Field Geophysicist (accompanies rented geophysical equipment for safe operation)

## **EXTRA-CURRICULAR ACTIVITIES:**

Execution of Community Borehole Projects for the University

## **PUBLICATIONS**

Seyi Obafemi; Kayode Oyedele; Tuvie Omeru; Samson Bankole; Abraham Opatola; Joshua Ademilola; **Rotimi Akinwale** and Razaq Adebayo (2022). 3D Facies and Reservoir Property Prediction of Deepwater Turbidite Sands; Case Study of an Offshore Niger Delta Field. Journal. of African Earth Sciences.

Gabriel Efomeh Omolaiye G.E, Oladapo I.M, Ayolabi E.A, **Akinwale R. P**, Akinola A.A, Omolaye K.L and Sanuade O. A (2020) Integration of remote sensing, GIS and 2D resistivity methods in groundwater development. Applied Water Science (2020) 10:129. <https://doi.org/10.1007/s13201-020-01219-x>

**R. P. Akinwale**, Nkiru R. Akinwale, Adeniran Emmanuel, Seun Abe, and Faleye Ruth, 2018. Geomorphological mapping of River Bed using ground penetrating radar: A case study of Calabar River, Nigeria. SEG Technical Program Expanded Abstracts 2018 Aug 27, 2018.

<https://doi.org/10.1190/segam2018-2998515.1>

\*O.B. Abe, M.P. Ibitola, A.E. Akinnigbagbe, O.R. Jimoh, **R. Akinwale** and O. Solomon, 2015. Characterization of the coastal saltwater intrusion in Badagry, Lagos, South-Western Nigeria, using geoelectrical survey. SAGEEP 2015 - 28th Annual Symposium on the Application of Geophysics to Engineering and Environmental Problems. <https://doi.org/10.4133/SAGEEP.28-030>

\***Akinwale R. P.**, Ayolabi E. A., Lucas B. O., Dolapo A. A., & Chika P. O. (2014, October 29). Integration of Borehole Logs and 2D Electrical Resistivity Imaging in the Investigation of Saltwater Intrusion in Lagos Island, Southwestern Nigeria. Society of Exploration Geophysicists. 2014 SEG Annual Meeting, 26-31 October, Denver, Colorado, USA. SEG-2014-1665. <https://doi.org/10.1190/segam2014-1665.1>

## CONFERENCE PAPERS

**Akinwale R.P.**, Ayolabi E.A, Balogun O.B, Okunubi M.O, and Egun D.O (2022). Geological mapping of a wetland with Ground Penetrating Radar: Hydrological and Engineering deductions. NMGS 57TH CONFERENCE. Geosciences, Mining and Environmental Sustainability; Garden City 2022, Presidential Hotel, Port Harcourt. <https://nmgsph2022.org.ng/technical-presentation-schedule/>

**Akinwale R.P.**, Osinowo O.O, Ayodeji H.A, Ayinde O.A, Ajayi F.A, Fashola O.F and Amata R.A (2022). Non-destructive testing of a dockyard with Ground Penetrating Radar. NMGS 57TH CONFERENCE. Geosciences, Mining and Environmental Sustainability; Garden City 2022, Presidential Hotel, Port Harcourt. <https://nmgsph2022.org.ng/technical-presentation-schedule/>

**Akinwale R.P** and Ayolabi E.A, 2016. Structural Modelling and Seismic Attribute Analysis of Jay Field, Offshore Niger Delta, Nigeria. CAG 2016 - 26<sup>th</sup> Colloquium of African Geology, Abstract Volume, Pg. 196.

**Akinwale R.P** and Adeolu O.W, 2016. Appraisal of 3D Iso-Resistivity (Visual Rendering) Surfaces in Enhancing Interpretation. CAG 2016 - 26<sup>th</sup> Colloquium of African Geology, Abstract Volume, Pg. 152.

## REFEREES

### **Prof. E. A Ayolabi**

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### **Prof S.B. Olobaniyi**

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